Robert E. Young Const. LTD
Crushing & Screening
OHMPA Spring Operations Seminar
April 16th, 2014
Cambridge, Ontario

Presenter: Paul Brioux
Welcome

- Paul Brioux
- Robert E. Young Const. Ltd.
- Peterborough (Selwyn Township)
- Owner: Carl Young
“Our goal today is to highlight some of our best practices in crushing recycled asphalt and concrete, through our experience over the last 30 years.”
Agenda Outline

• History of RYC
• Production, Set Up & Safety Procedures
• Managing the product
• Summary & Highlights
History of
Robert E. Young Construction

• Est. 1958 by Robert Young as Trucking & Haulage Company, Ennismore
• 1972 First Crushing Fleet- Gravel, Pits & Quarries
• Mid 80s- began Recycling
• Carl Young
Equipment & Fleet

- 14 Spreads
- Screening plants
- Wash plant
- Over 30 Highway Tractors
- Pits & Quarries
We crush and recycle throughout Ontario.
Production, Set Up & Safety Procedures

- Communication
- Area (Space & Location)
- Positioning of Stock Pile
- Basic Set Up
- Bank Heights / Benching
Communication

• Informing Ministry of Environment and Labour upon entry
• New sites and attention to ‘sensitive receptors’ - C of A’s
• Initial and ongoing Communication
Area (Space & Location)

- Mobility
- Flat area
- Allowing space for raw materials, stock piles, equipment
Positioning of Stock Pile

- Raw material outer perimeter
- Finish product close to exit
- RAP and concrete/asphalt mixture separate piles
Basic Set Up

• Time
• Setting up the spread
  • Primary jaw breaker
  • Magnet
  • Secondary jaw roll/cone crusher
  • Buggy bin / stackers / loader / trailer
Primary Jaw Breaker

- Easy access
- Close to raw material
- Free from traffic
Magnet

Garbage & steel bins

No garbage or steel bins
Secondary Jaw Roll Crusher

Secondary Jaw Roll Crusher

Buggy Bin

Stacker
**Barrier Set Up**

Pylons, caution tape, tool trailer barriers

Barriers must be respected to ensure safety of everyone working.
Bank Heights & Benching

- Manageable heights for stock piles

Unsafe

High Pile Benched

Benching
Managing the Product

• Policing the gate
• Attacking the pile
  - Opening the face
  - Blending & Mixing
• Communication
Managing the Product

Policing the Gate

• Manage what comes in / out
• Organics
• Turning away
Managing the Product

Attacking the Pile

• Opening up the face
• Mixing/blending
• Experience
• Maximizing production
Attacking the Pile
Attacking the Pile
Attacking the Pile
Managing the Product

Communication

• Test Results
• Needed Changes
• Ongoing communication
• Working together
Summary & Highlights

- Communication
- Safety
- Policing
- Mixing / blending
Thank YOU!

ROBERT E. YOUNG CONSTRUCTION

Crushing ● Loading ● Haulage

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