

# Asphalt Shingle Recycling

*A Paving Contractor's Experience*

Second  
ASPHALT SHINGLES  
RECYCLING FORUM

April 13-14, 2003

**A**LLIED  
**B**LACKTOP  
**C**ORP

# Background

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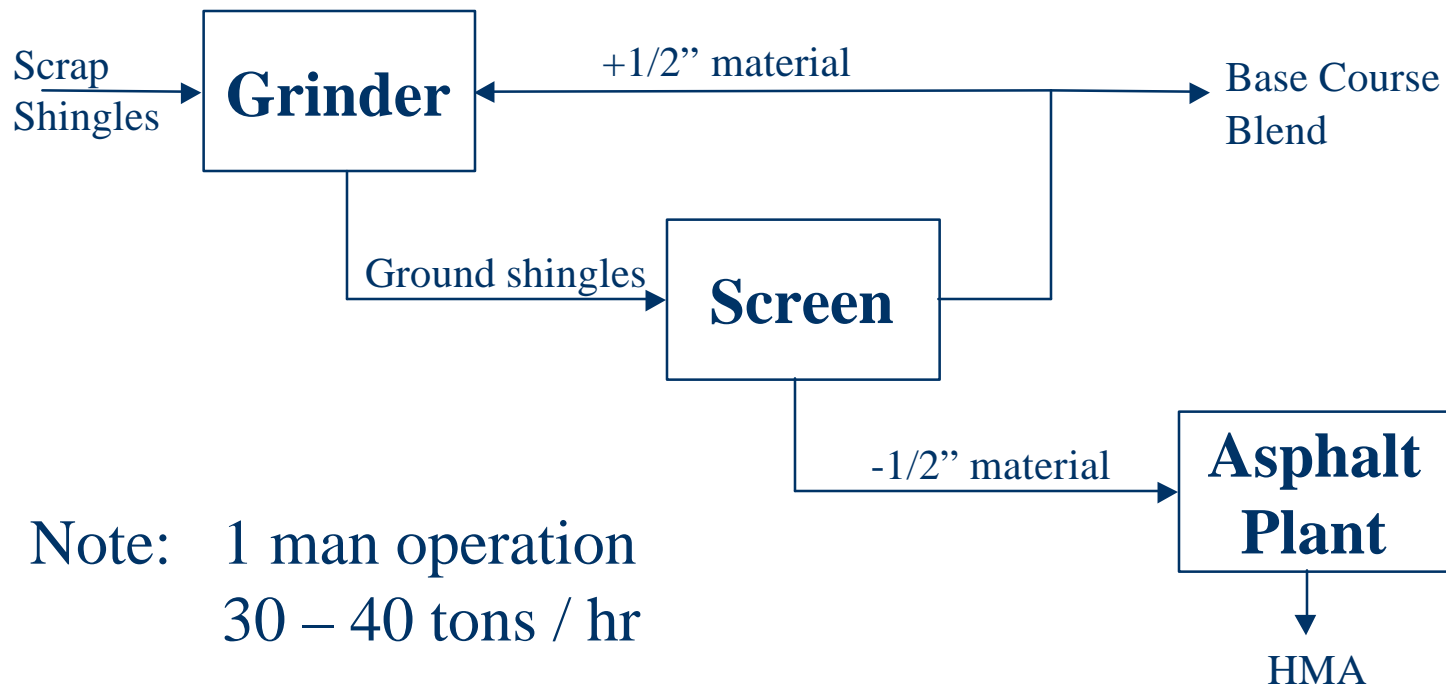
- 1999 – Forum
- 2000 – Sources / Contacts
  - Contractors
  - Shingle Manufacturers
  - Paving – 200 tons
- 2001 – Trials / Equipment / Supply
  - Paving – approx. 400 tons
  - Equipment Demos
  - Supply agreement w/ GAF
- 2002 – Production
  - Approx. 1,500 tons of shingles processed
  - Approx. 30,000 tons of HMA

# Goals

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- \$\$\$
- Enhance mix
- PR

# Process



# Mix

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- Added at 5%
- AC reduction
  - Virgin mix: 5.7%
  - Shingle mix: 4.9%
- Mix properties – improved
- Field results

# Challenges

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- Handling considerations – pallets
- Material sizing
- Maintenance
- Material separation / containment
- Acceptance

# Future

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- Improve acceptance
- Mix designs – 10% or more?
- Tear offs?