



Innovations in Maintenance

Huntingdon County CRAFCO Air Hose Relocation

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Problem:

CRAFCO machine is self contained

Air compressor and air hose reel
are part of the trailer

Operator stretches air hose from
the trailer along side truck and
beyond to blow dirt and debris from
cracks



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Safety Issues:

Hose can create a tripping issue for operator getting in and out of truck

Hose could potentially get caught under wheels of truck

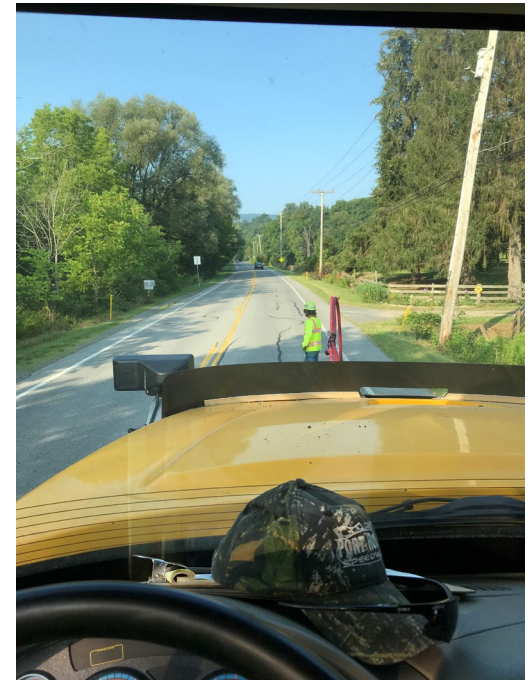
Dragging full length of air hose is more physically demanding on operator during long hot days



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Safety Issues:

Hose length not ideal for full view of operator by driver



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Resolution:

Install air hose along frame rail of truck and make connections to compressor and hose reel.



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Resolution:

Relocate hose reel to front bumper of truck



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Resolution:

Add extension to plow hoist raising air hose off the roadway



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Results:
Crack Seal crew at work



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Cost:

Option 1:

Relocate existing air hose reel from CRAFCO machine to front of truck. Install new air line thru truck frame. Connections on both ends using miscellaneous fitting.

Parts - \$125

Labor - < 4 hours

Option 2:

New hose reel on front of truck. Install new air line thru truck frame. Connections on both ends using miscellaneous fitting.

Parts - \$600

Labor - < 4 hours

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Summary:

Low-cost improvement on a labor-intensive operation

Build inhouse with parts in stock

Improves safety and visibility for operator running air hose wand

Eliminates tripping hazard for truck operator and crew members

Eliminates potential for air hose encroaching into live traffic lane

Questions

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