

Respect

Excellence

Integrity

Leadership



# Exterior Masonry Cladding Repairs Trial or Error ?

Ralston Building

Halifax, NS

October 12, 2012



Public Works and  
Government Services  
Canada

Travaux publics et  
Services gouvernementaux  
Canada

Canada

# Why do a Trial



# Our Spot Investigations Show

Some Shelf Angles  
badly rusted



## Limestone panels cracking & spalling



## Condition of structural steel framing unknown



# The Challenge

Occupied  
Building





# Our Solution -

## Cladding Trial Repair



# The Trial Showed ...

✓ Windows can stay!



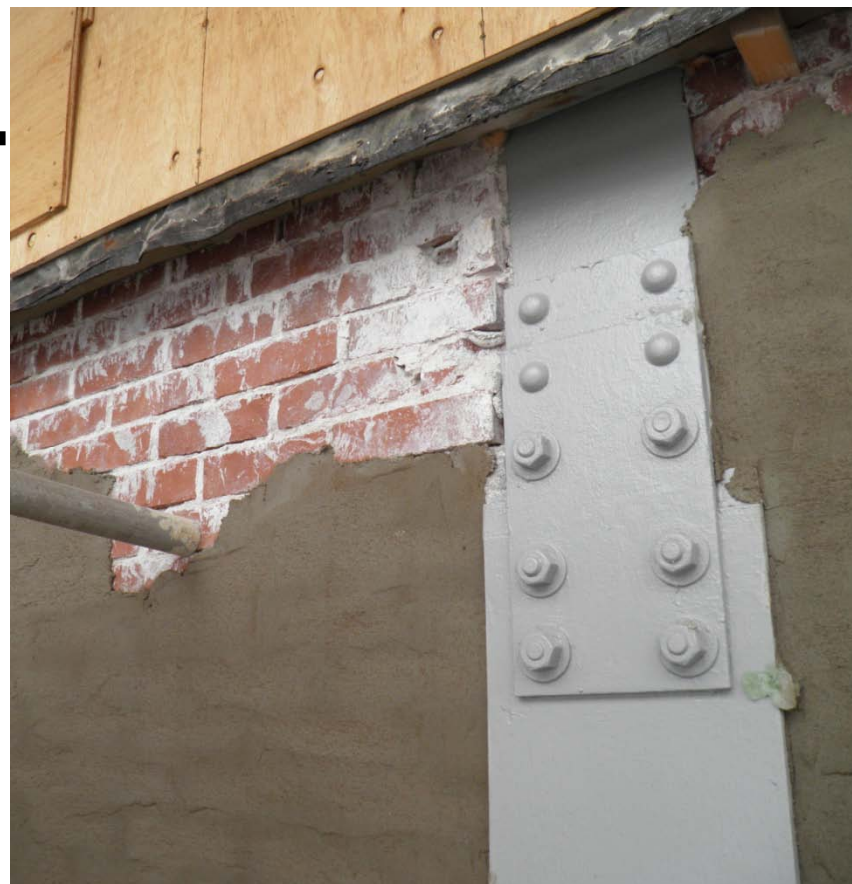


# The Trial Showed...

x Shelf angles must go!



# The Trial Showed...



✓ Structural steel framing OK!



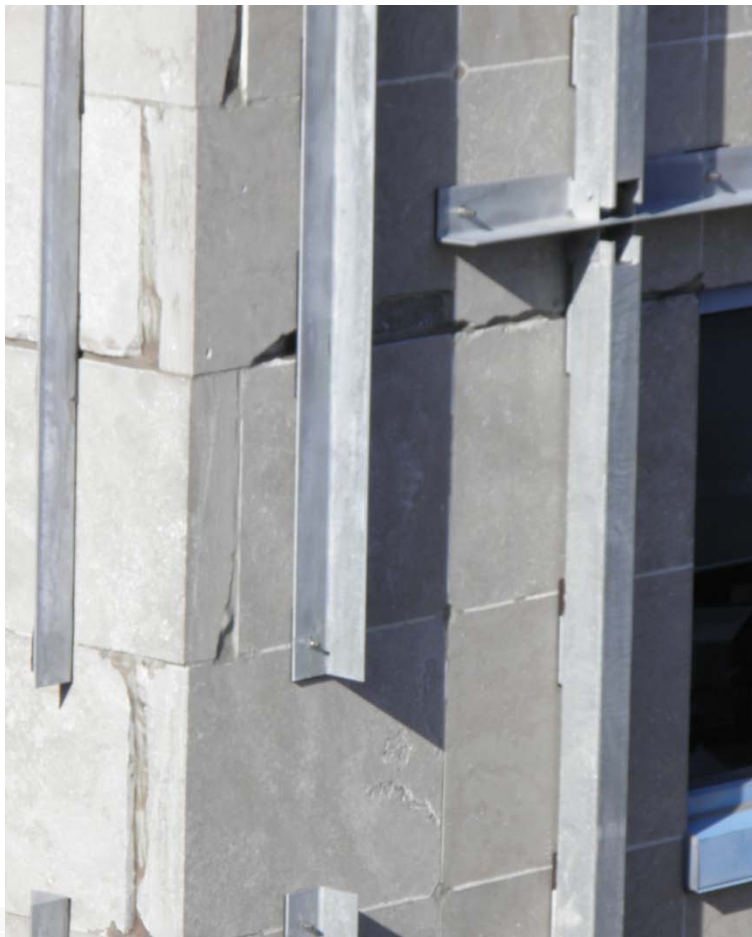
# The Trial Showed...



✓ Masonry back-up wall good!



# The Trial Showed ...



✓ Stone panels repairable!



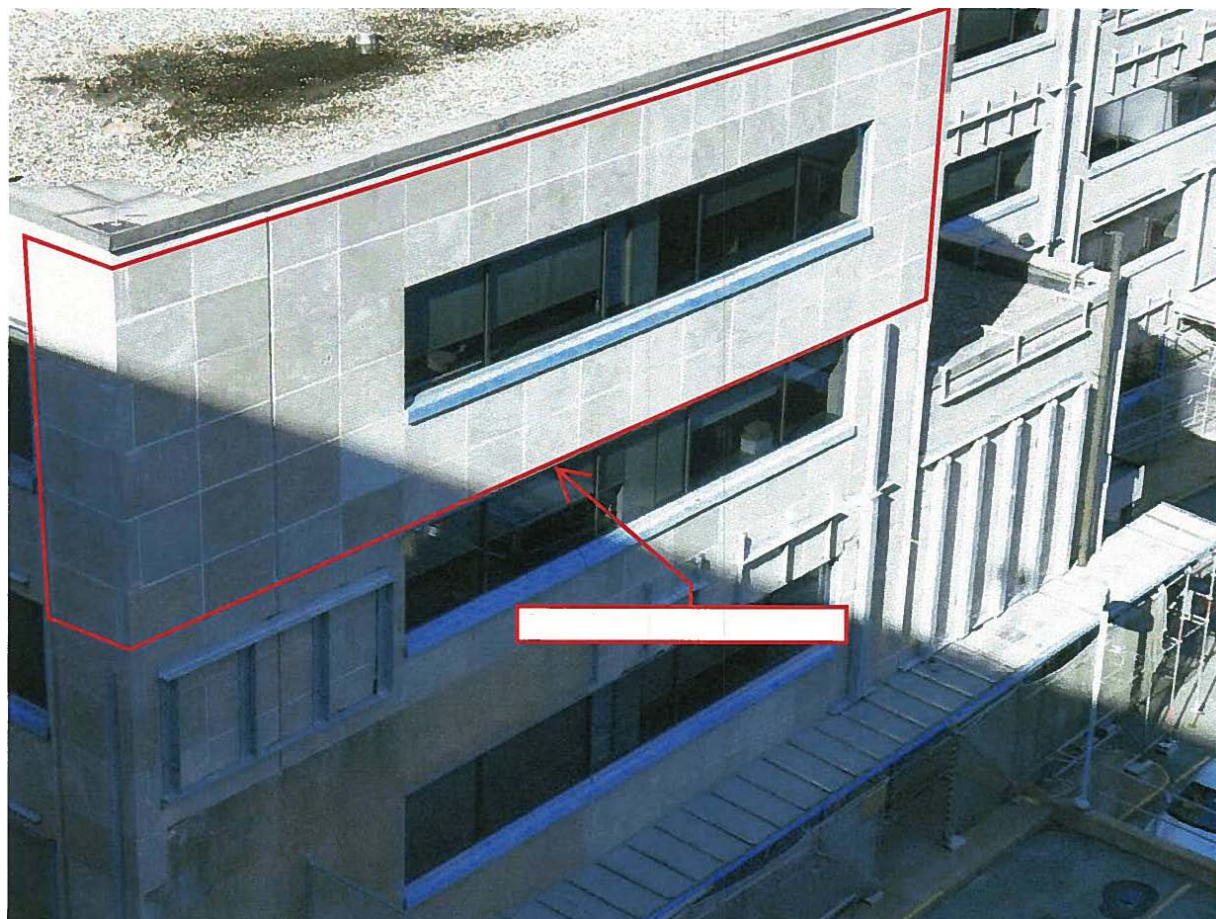
# The Benefits of a Trial

Looks a lot like  
it did in 1956.



# The Benefits of a Trial

Wall performance enhanced.



# What Worked for PWGSC

## A Trial Repair!



# Questions?

