

Meadowlily Bridge

Presentation to the Civic Works Committee March 5, 2012

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Meadowlily Bridge Overview

- Pedestrian Bridge crossing the Thames River in the vicinity of the Highbury Ave / Hamilton Rd intersection
- · Originally opened in 1911





Meadowlily Bridge Overview

- Bridge deck is currently constrained by a chain link fence
- Structural deterioration means something must be done to maintain bridge link





Council Resolutions

- May 4, 2009 The request to add Meadowlily Bridge to the Inventory of Heritage Resources as a Priority 1 listing Be Referred to staff to review in conjunction with the studies being undertaken in relation to the Meadowlily Area Plan.
- June 15, 2009 Staff requested to add Meadowlily Bridge to the 2006 Inventory of Heritage Resources, noting that its priority rating will be determined in the future.
- July 27, 2009 Council determined that Meadowlily Bridge Be Recognized as an important cultural heritage resource that should be protected. Also that Meadowlily Bridge Be Recognized, in perpetuity as a footbridge.



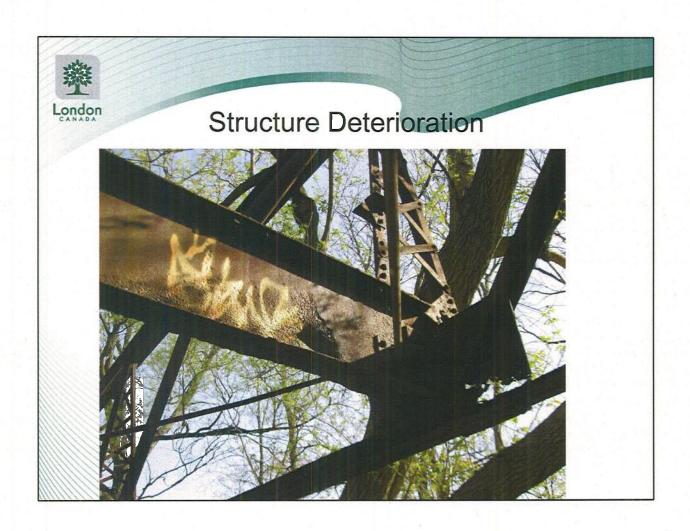
Council Resolutions

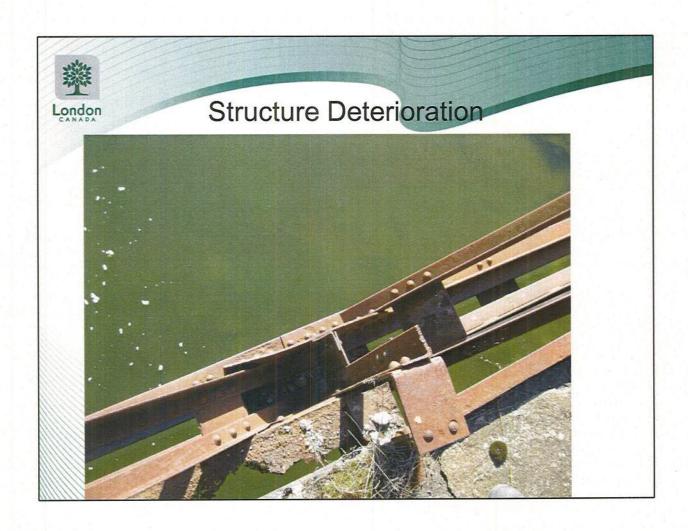
- July 27, 2009 Staff Be Requested to investigate funding sources available to preserve and restore the bridge as a Centennial Project, including stimulus funds or FCM grants and report back.
- September 21, 2009 The initiation of an EA study of the Meadowlily Bridge Be Deferred pending a structural assessment of the bridge and a report back to Committee.
- October 5, 2009 Friends of Meadowlily Woods are permitted to have a consultant peer review any completed structural analysis (at the cost of the Friends of Meadowlily Woods)

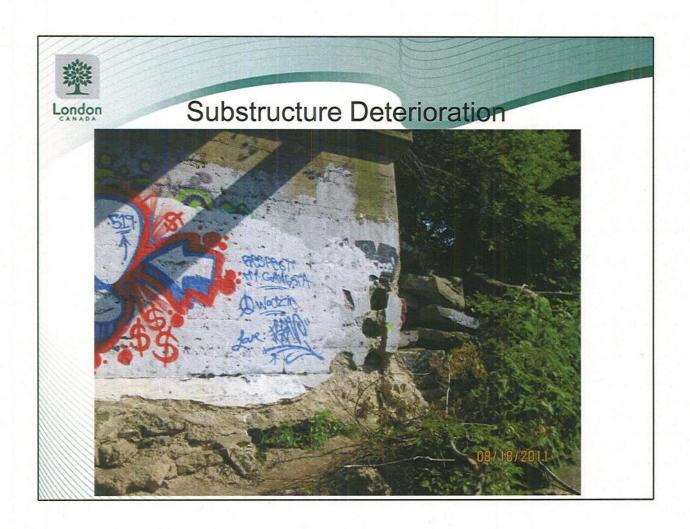


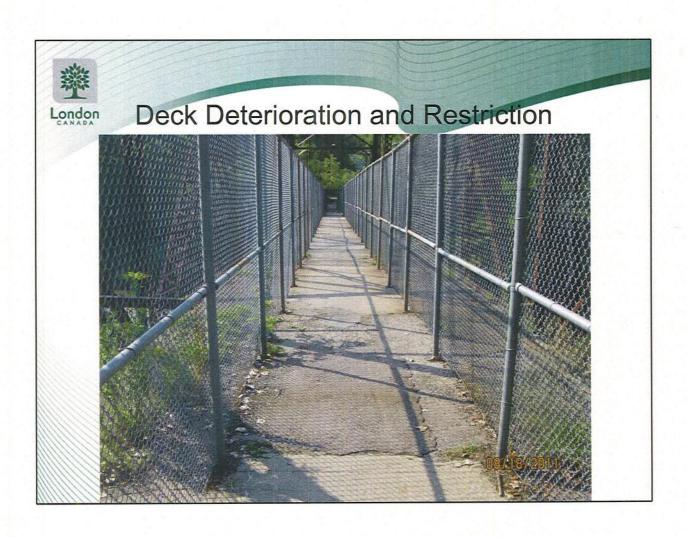
Study Direction

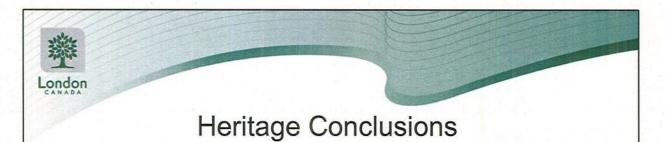
- Complete Cultural Heritage Evaluation Report (CHER)
- Assess current structure and develop rehabilitation rationales and economics
- List items that could be improved outside of bridge footprint
- Investigate outside sources of funding





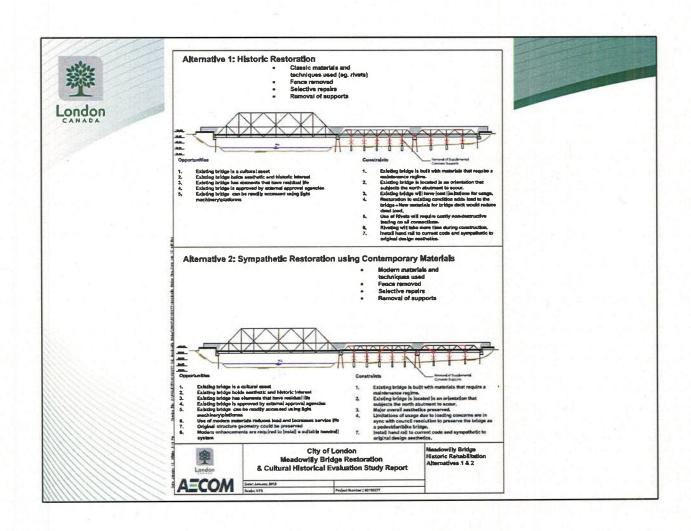


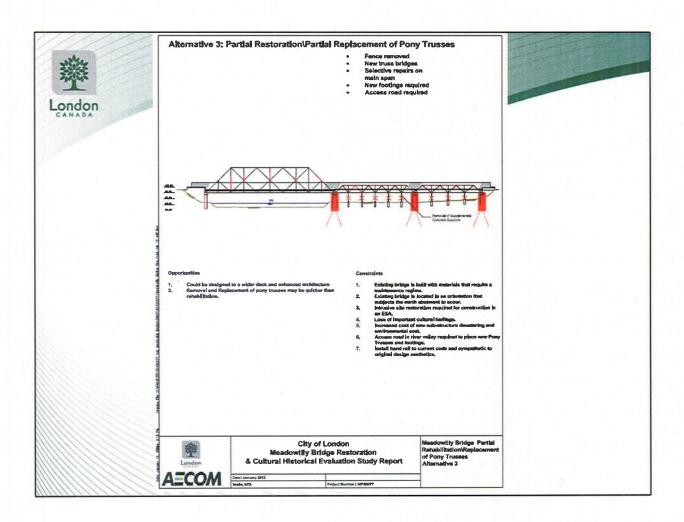




- Increasingly rare survivor of a metal truss bridge
- Eligible for designation under Part IV of the Ontario Heritage Bridge Act
- Eligible for listing in the Ontario Heritage Bridge List
- Scored 74 on the Ontario
 Heritage Bridge Evaluation (60+
 is eligible for the list)











Study Conclusions

- Alternative 2 was selected as best and most costeffective solution with the least risk
- · Rehabilitation will allow use of the full deck width
- Bridge is eligible to be designated under the Ontario Heritage Act
- · Cost is estimated at \$1.9M
- Can be restored in one construction season but should be done in the next 1-4 years



Next Steps

- Rehabilitation included in 2012 Capital Works Budget
- Setting a scope for adjacent drainage, erosion and access work
- Engaging an engineering consultant to complete the detailed design
- Tender a rehabilitation contract (in 2013)

