



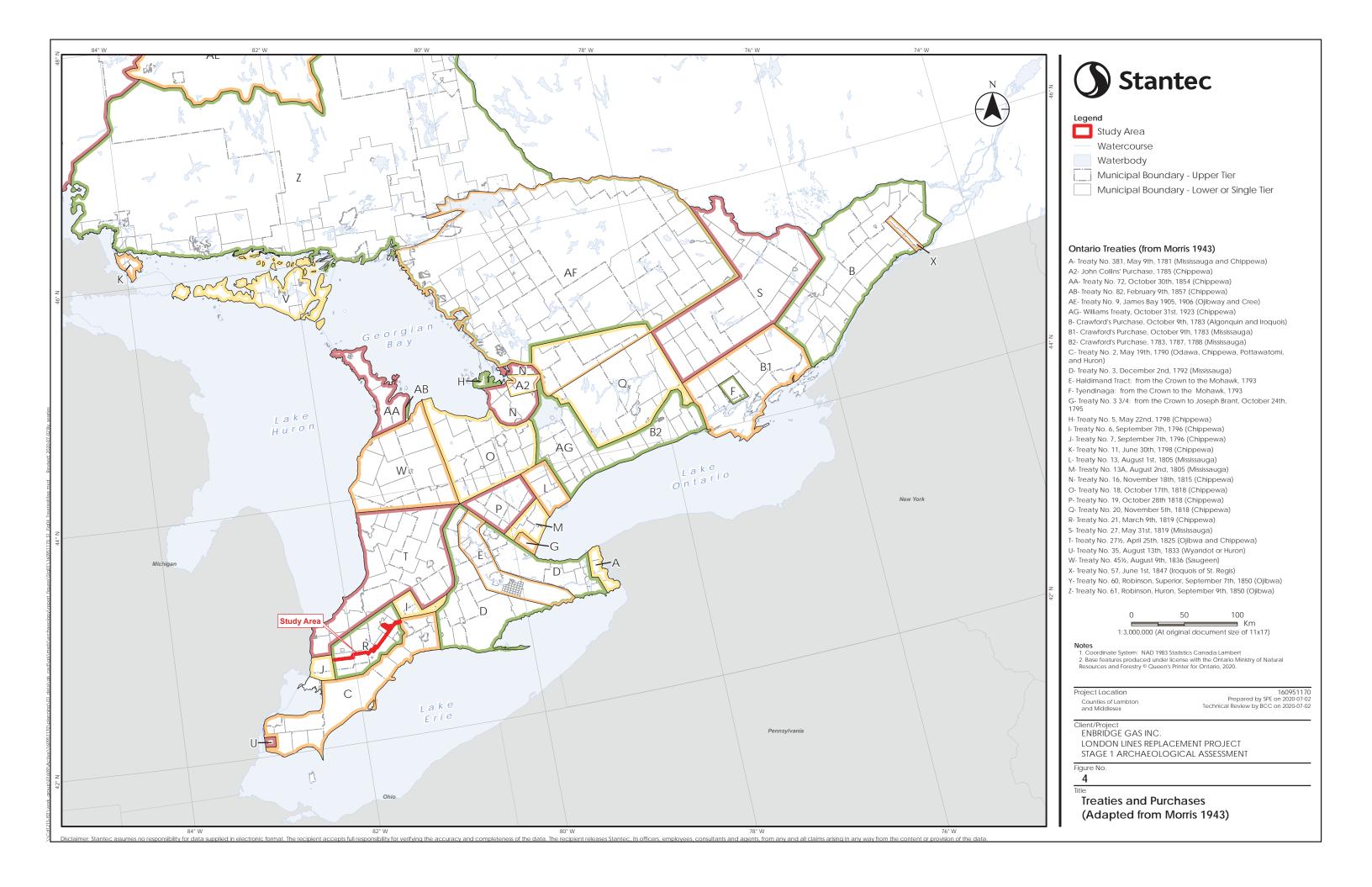
1. Not to scale.
2. Source: Government of Canda. n.d.a. Map of Treaty Areas in Upper Canada.
Ottawa: Department of Indian Affairs. Survey Branch.

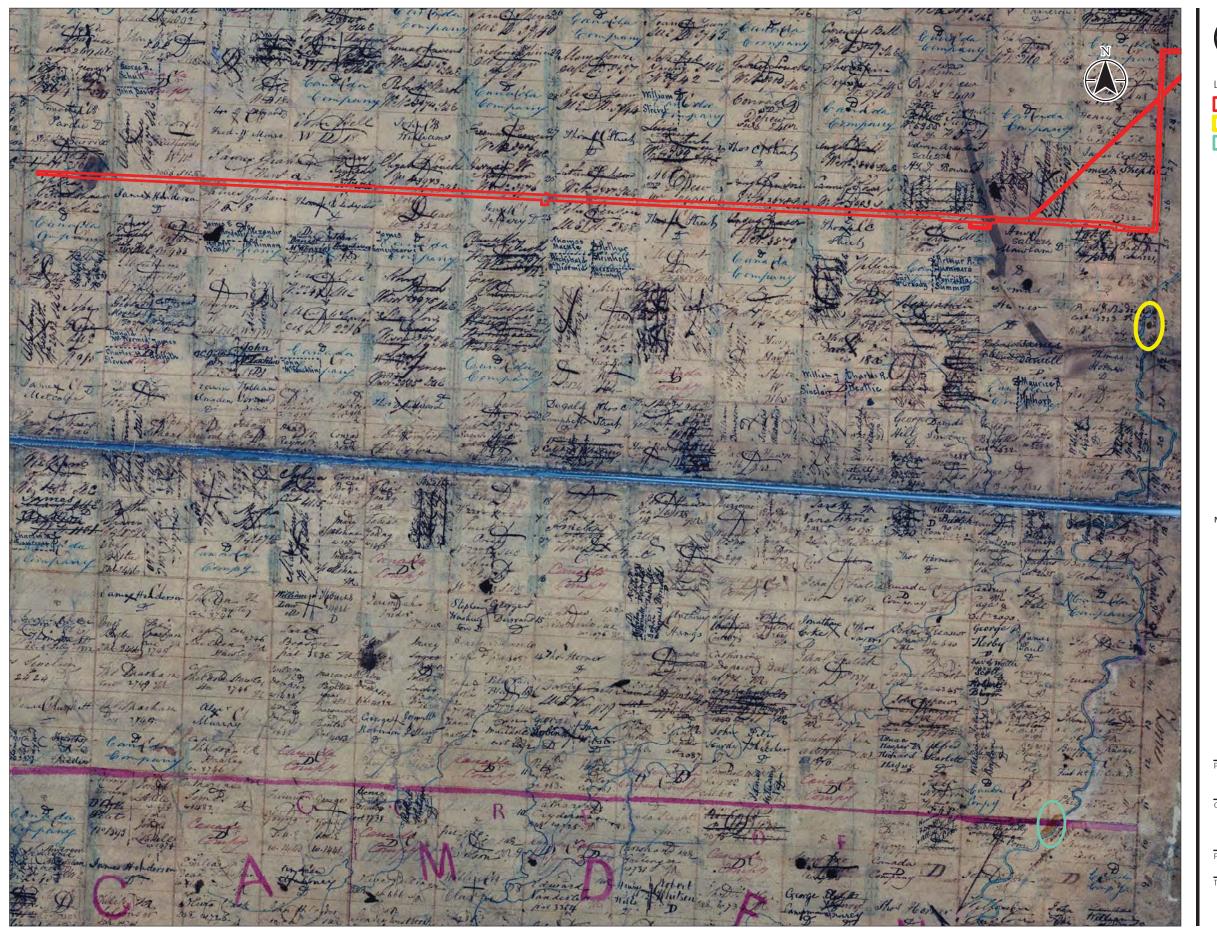
Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Map of Treaty Areas of Upper Canada







Indian Clearings

Indian Village

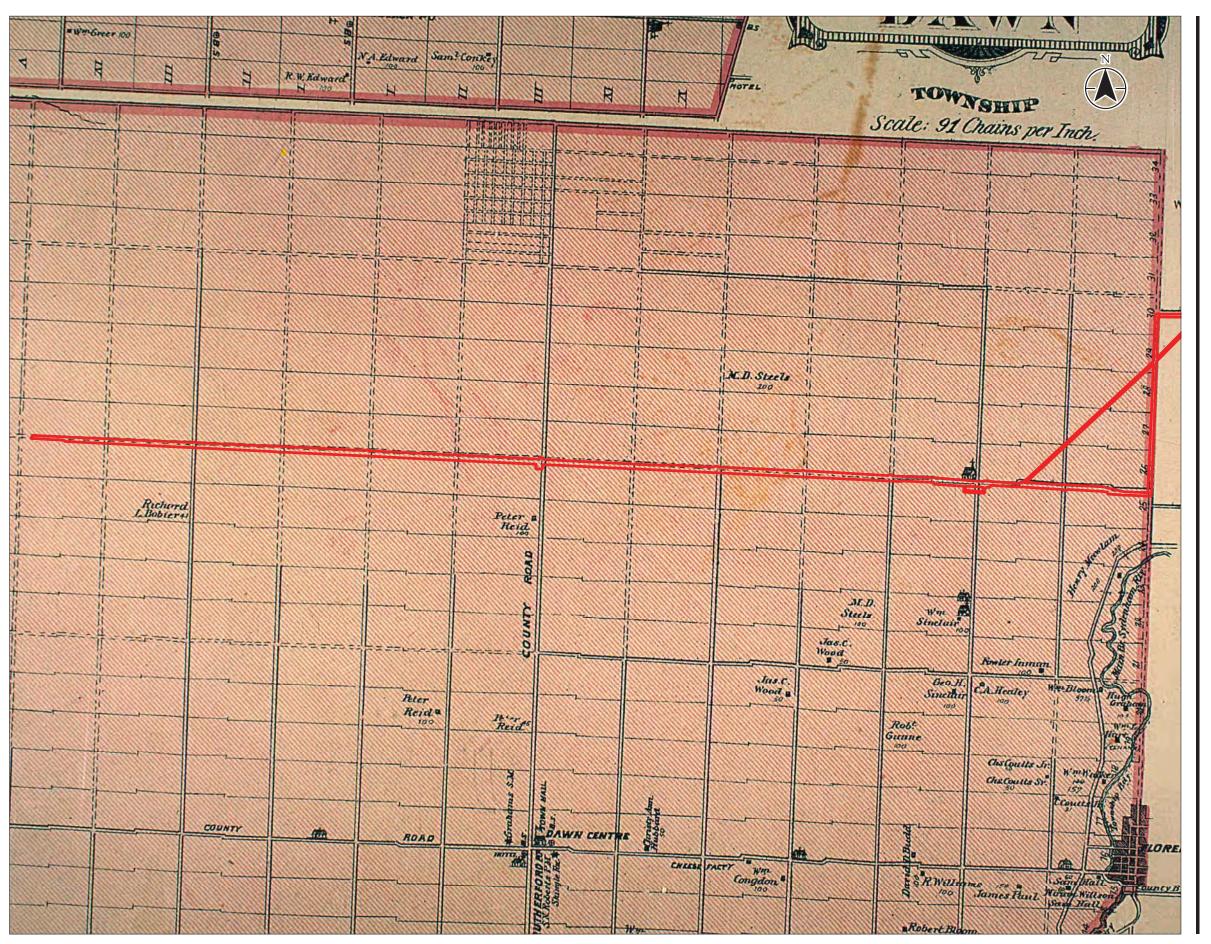
Not to scale.
 Source: Government of Ontario, n.d. Crown Land Surveys. Personal communication: Lisa Casselman, Survey Records Clerk, Ministry of Natural Resources and Forestry.

Project Location Counties of Lambton and Middlesex

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ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Portion of the 1821 Plan of Dawn Township





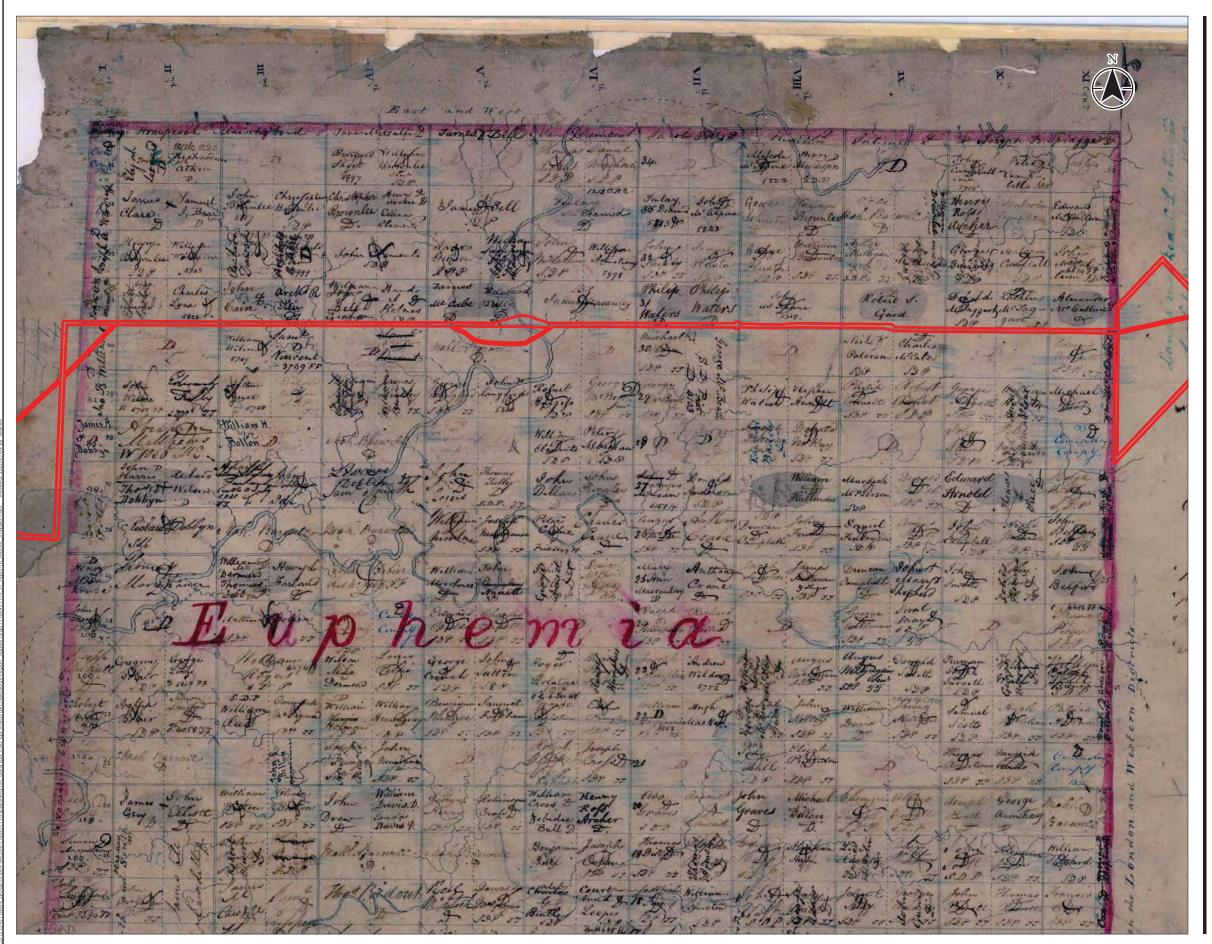
2. Source: Belden & Co. 1880. Lambton County Supplement to the Illustrated Atlas of the Dominion of Canada. Toronto: H. Belden & Co.

Project Location Counties of Lambton and Middlesex

Prepared by SPE on 2020-07-09 Technical Review by BCC on 2020-07-02

Client/Project ENBRIDGE GAS INC. LONDON LINES REPLACEMENT PROJECT STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Portion of the 1880 Historical Map of Dawn Township





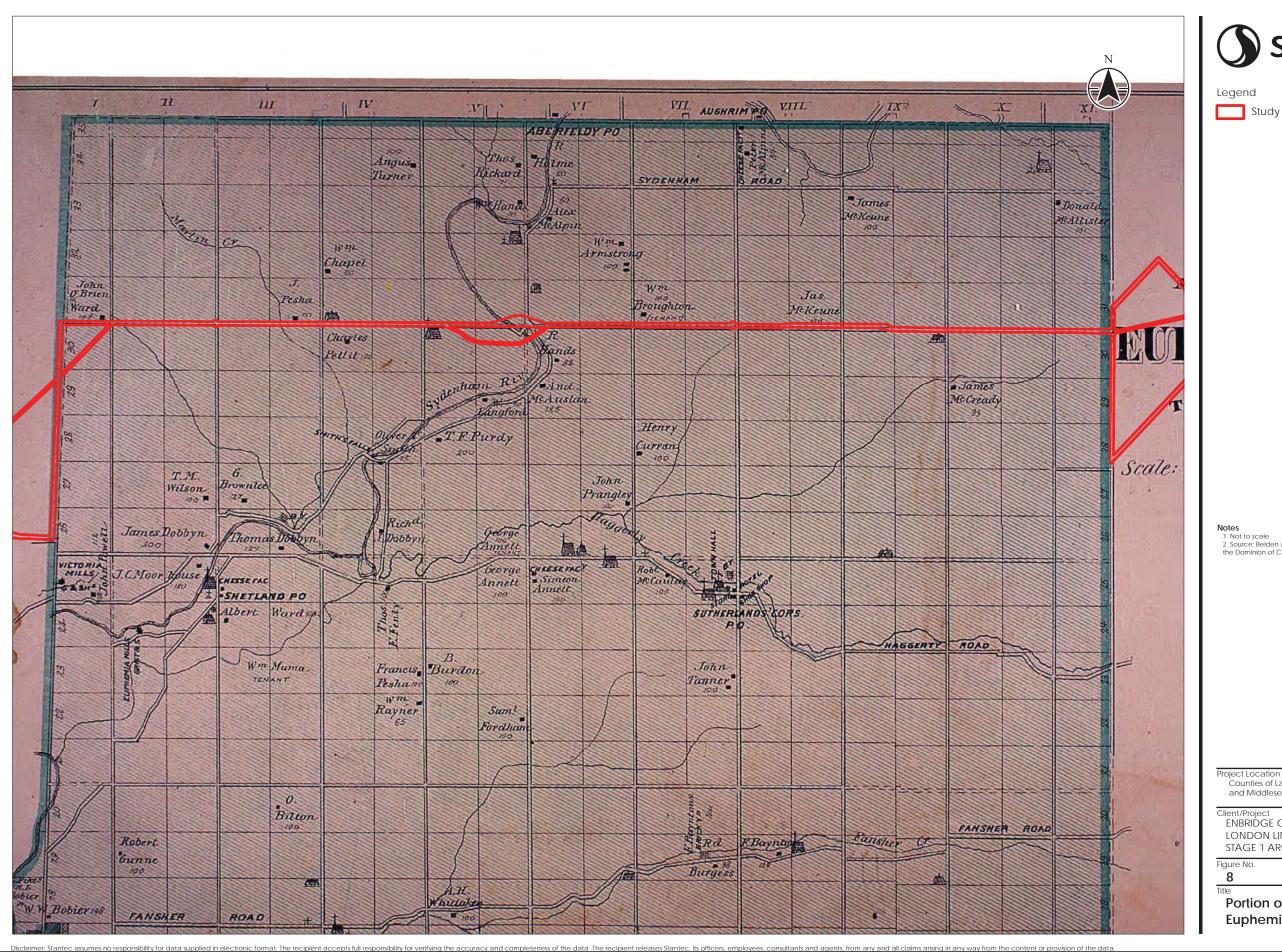
Not to scale.
 Source: Smith, Samuel. 1822. Township of Zone. Map D8. Survey Record No. 2398.
 Ontario Ministry of Natural Resources and Forestry, Peterborough.

Project Location Counties of Lambton and Middlesex

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Client/Project ENBRIDGE GAS INC. LONDON LINES REPLACEMENT PROJECT STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Portion of the 1821 Plan of Euphemia Township





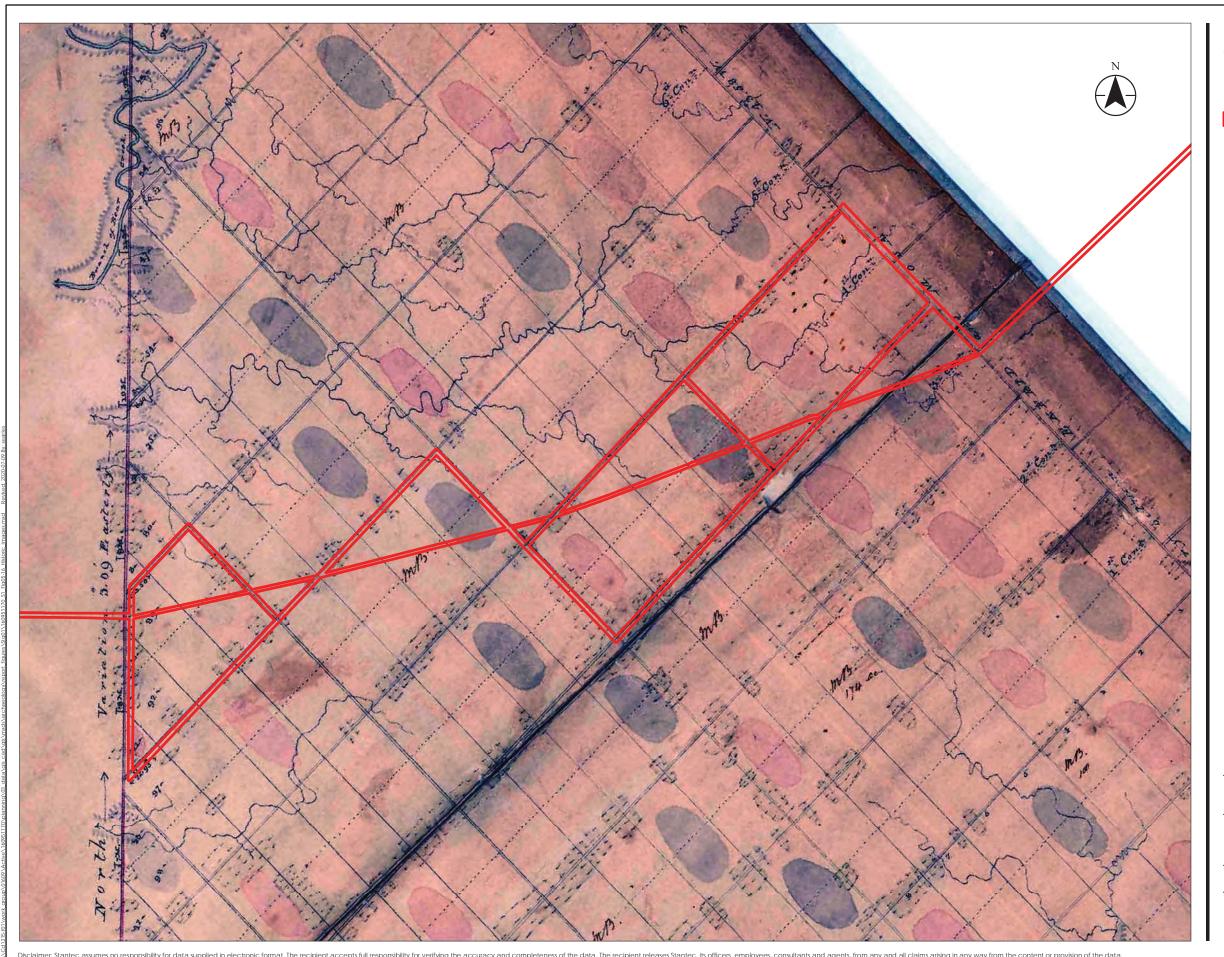
1. Notro Scale. 2. Source: Belden & Co. 1880. Lambton County Supplement to the Illustrated Atlas of the Dominion of Canada. Toronto: H. Belden & Co.

Counties of Lambton and Middlesex

160951170 160951170 Prepared by SPE on 2020-07-09 Technical Review by BCC on 2020-07-02

ENBRIDGE GAS INC. LONDON LINES REPLACEMENT PROJECT STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Portion of the 1880 Historical Map of **Euphemia Township**





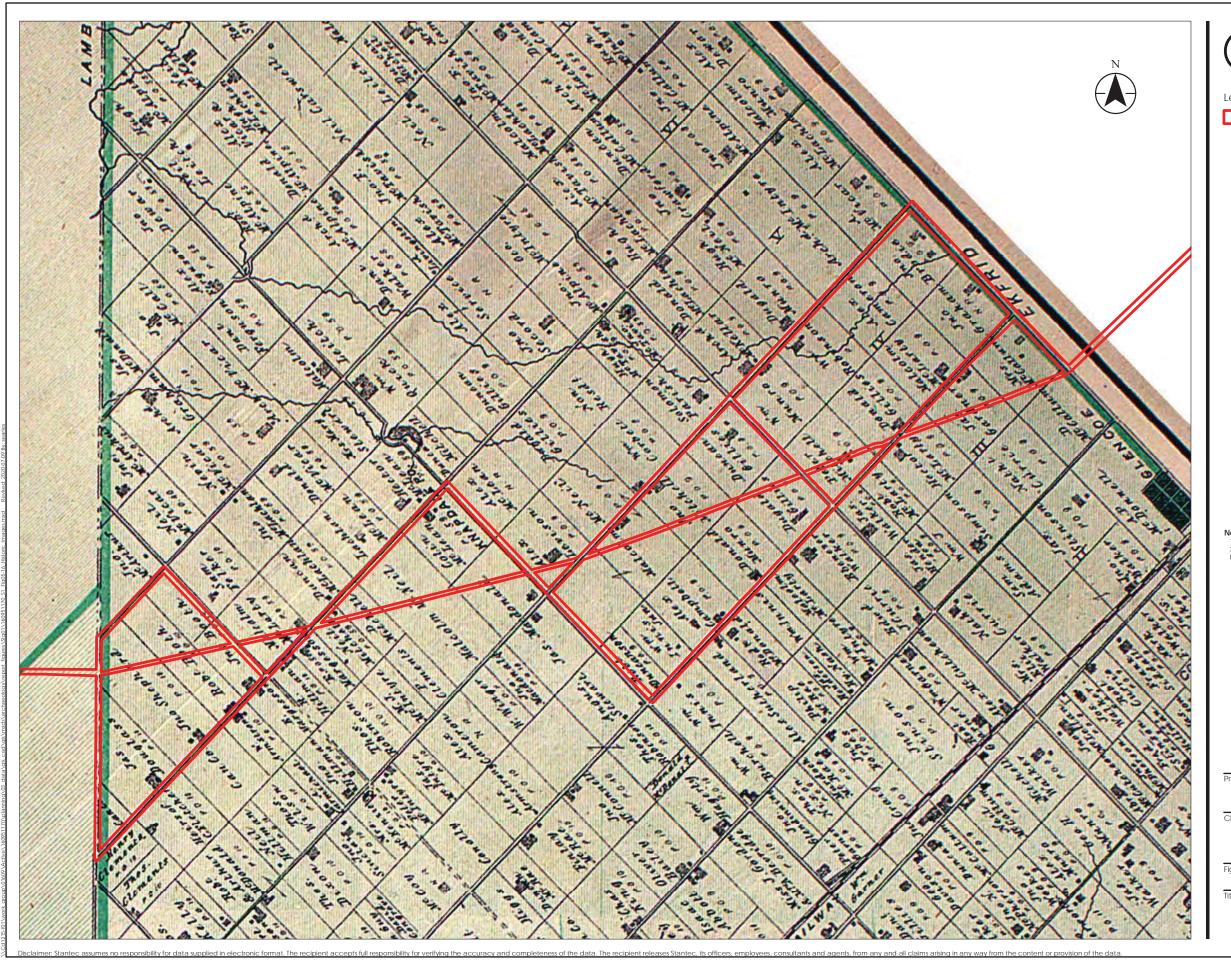
1. Not to scale.
2. Source: Burwell, Colonel Malcolm. 1820. Township of Mosa. Map B8. Survey Record No. 1709. Ontario Ministry of Natural Resources and Forestry, Peterborough.

Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Portion of the 1820 Plan of Mosa Township





1. Not to scale.
2. Source: Page, H.R. & Co. 1878. Illustrated Historical Atlas of the County of Middlesex. Toronto: Correll, Cralg & Co. Lith. Toronto.

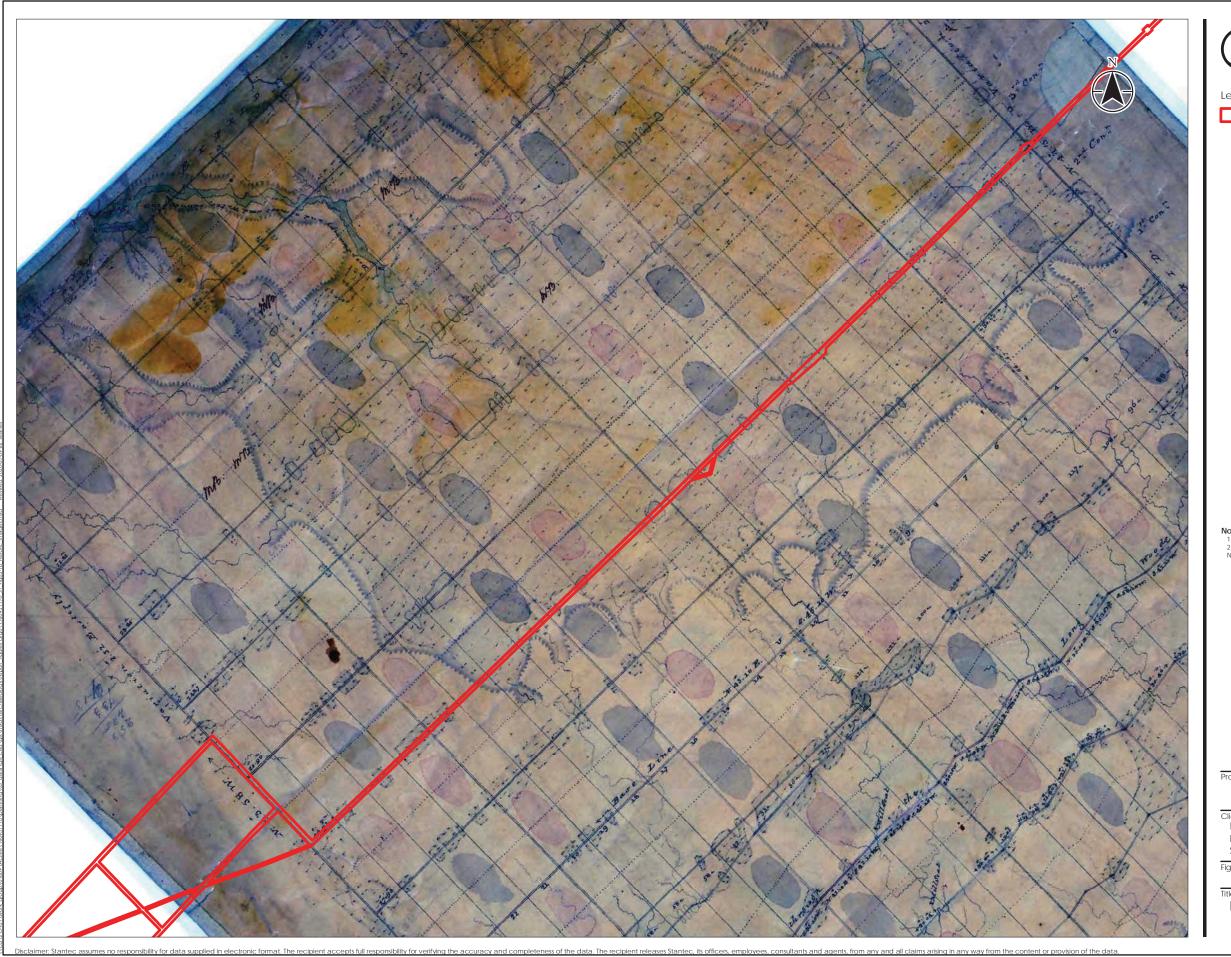
Project Location Counties of Lambton and Middlesex

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10

Portion of the 1878 Historical Map of Mosa Township





1. Not to scale.
2. Source: Burwell, Colonel Malcolm. 1820. Township of Ekfrid. Map B5. Survey Record No. 957. Ontario Ministry of Natural Resources and Forestry, Peterborough.

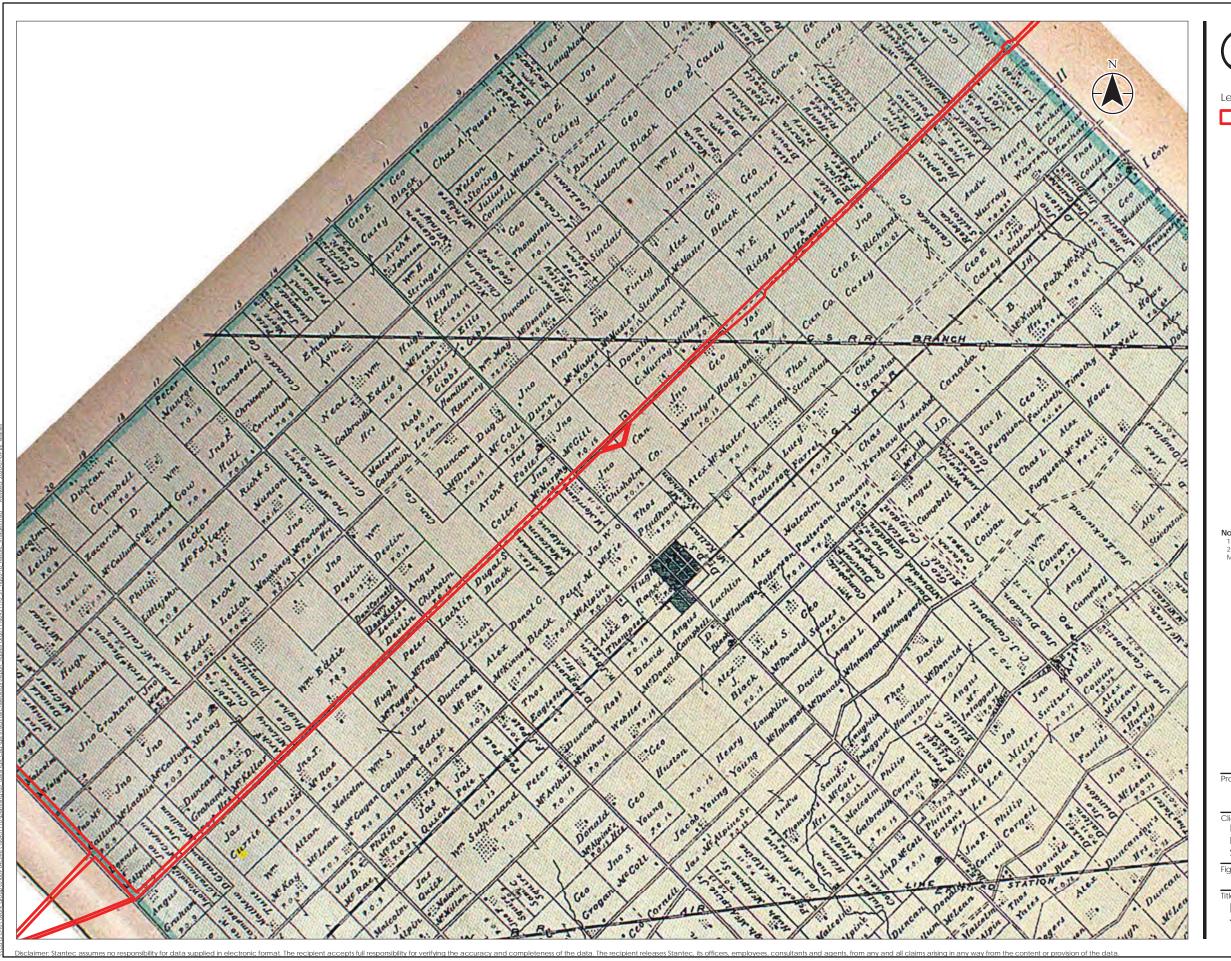
Project Location Counties of Lambton and Middlesex

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Client/Project
ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

11

Portion of the 1820 Plan of Ekfrid Township





Not to scale.
 Source: Page, H.R. & Co. 1878. Illustrated Historical Atlas of the County of Middlesex. Toronto: Correll, Craig & Co. Lith. Toronto.

Project Location Counties of Lambton and Middlesex

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12

Portion of the 1878 Historical Map of Ekfrid Township





Not to scale.
 Source: Burwell, Colonel Malcolm. 1821. Township of Caradoc. Map No. 9. Survey Record No. 725. Ontario Ministry of Natural Resources and Forestry, Peterborough.

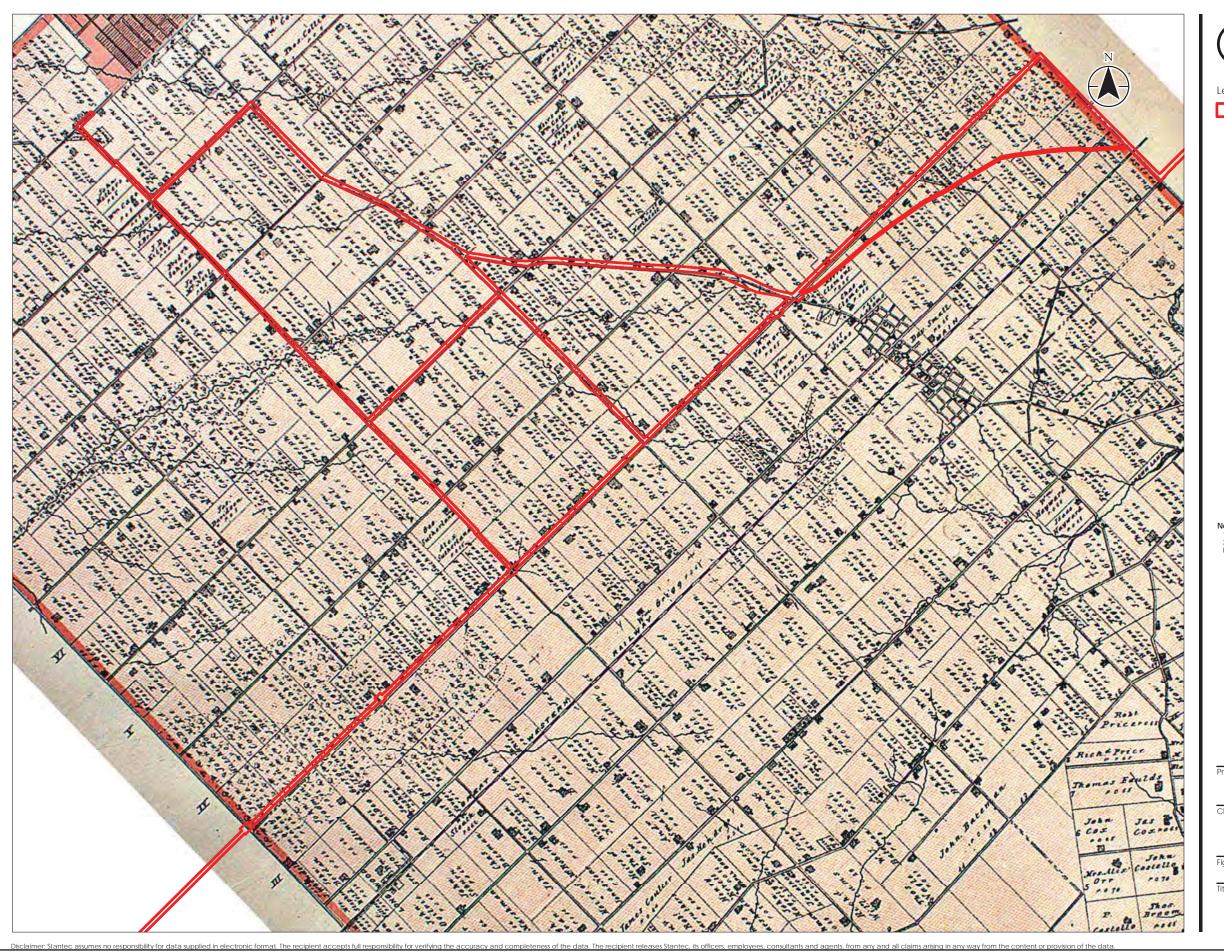
Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

13

Portion of the 1821 Plan of Caradoc Township





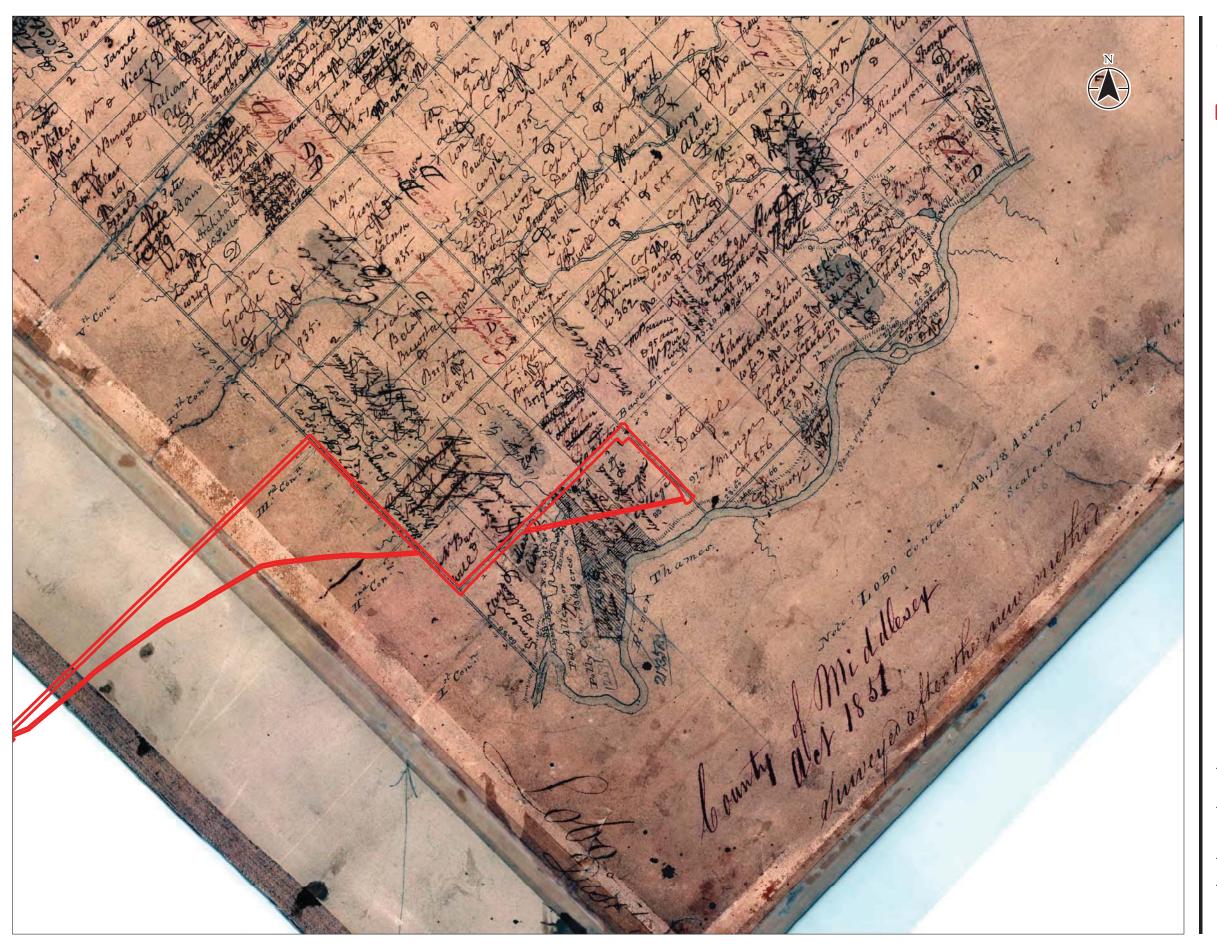
Not to scale.
 Source: Page, H.R. & Co. 1878. Illustrated Historical Atlas of the County of Middlesex. Toronto: Correll, Craig & Co. Lith. Toronto.

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Portion of the 1878 Historical Map of Caradoc Township





1. Not to scale.
2. Source: Burwell, Colonel Malcolm. 1821b. Township of Lobo. Map No. 26. Survey Record No. 1425. Ontario Ministry of Natural Resources and Forestry, Peterborough.

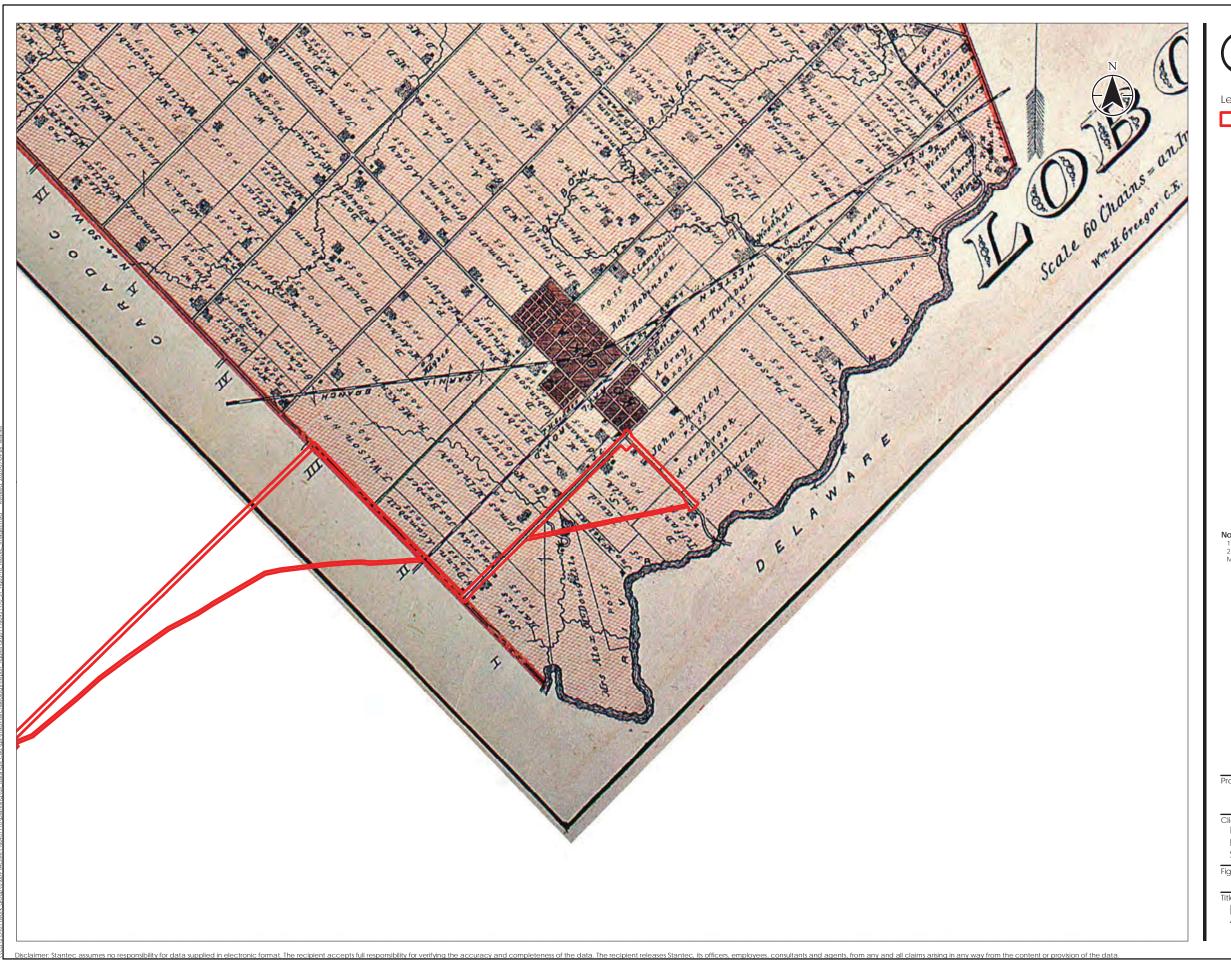
Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

15

Portion of the 1821 Plan of Lobo Township





1. Not to scale.
2. Source: Page, H.R. & Co. 1878. Illustrated Historical Atlas of the County of Middlesex. Toronto: Correll, Craig & Co. Lith. Toronto.

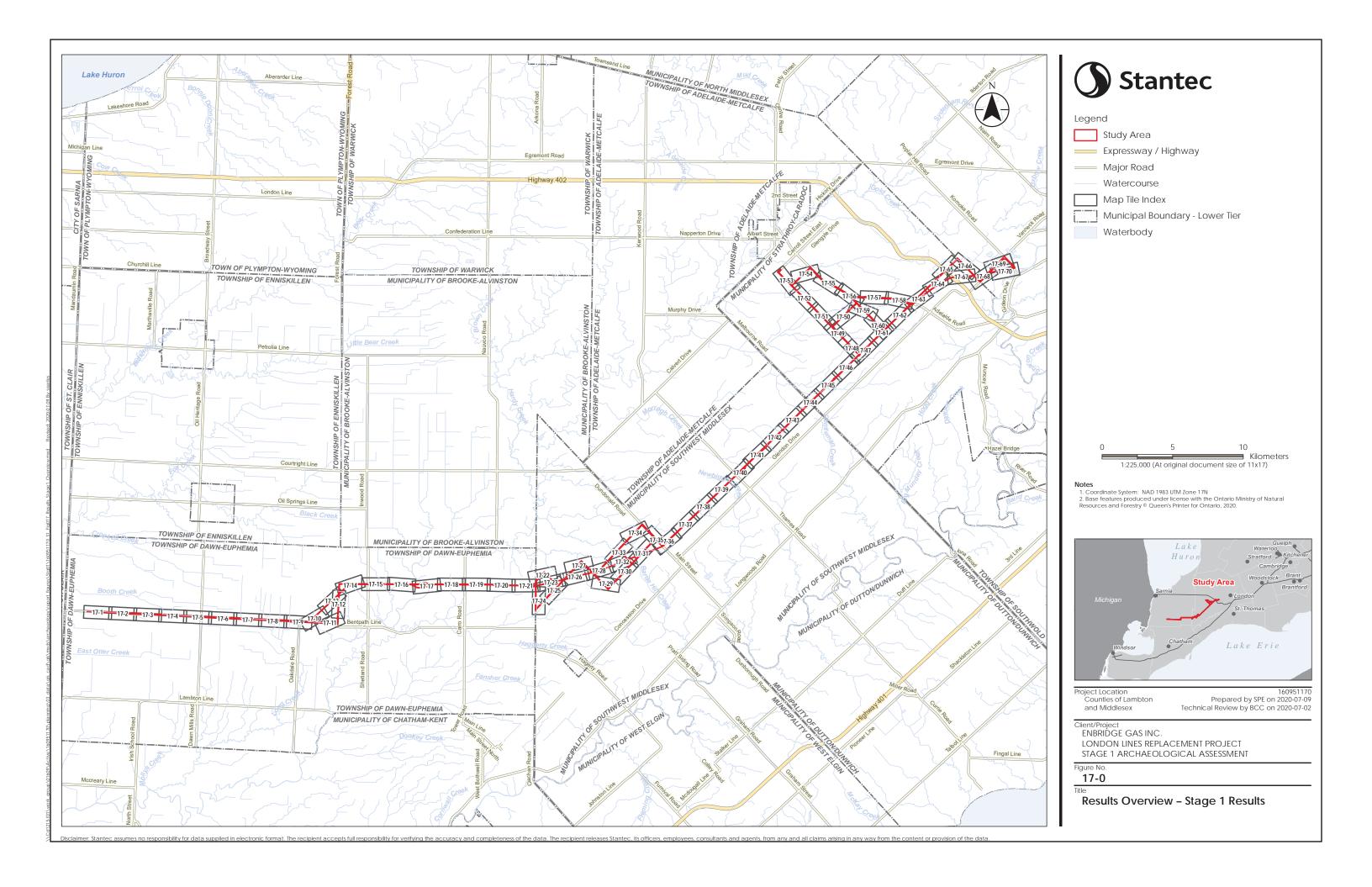
Project Location Counties of Lambton and Middlesex

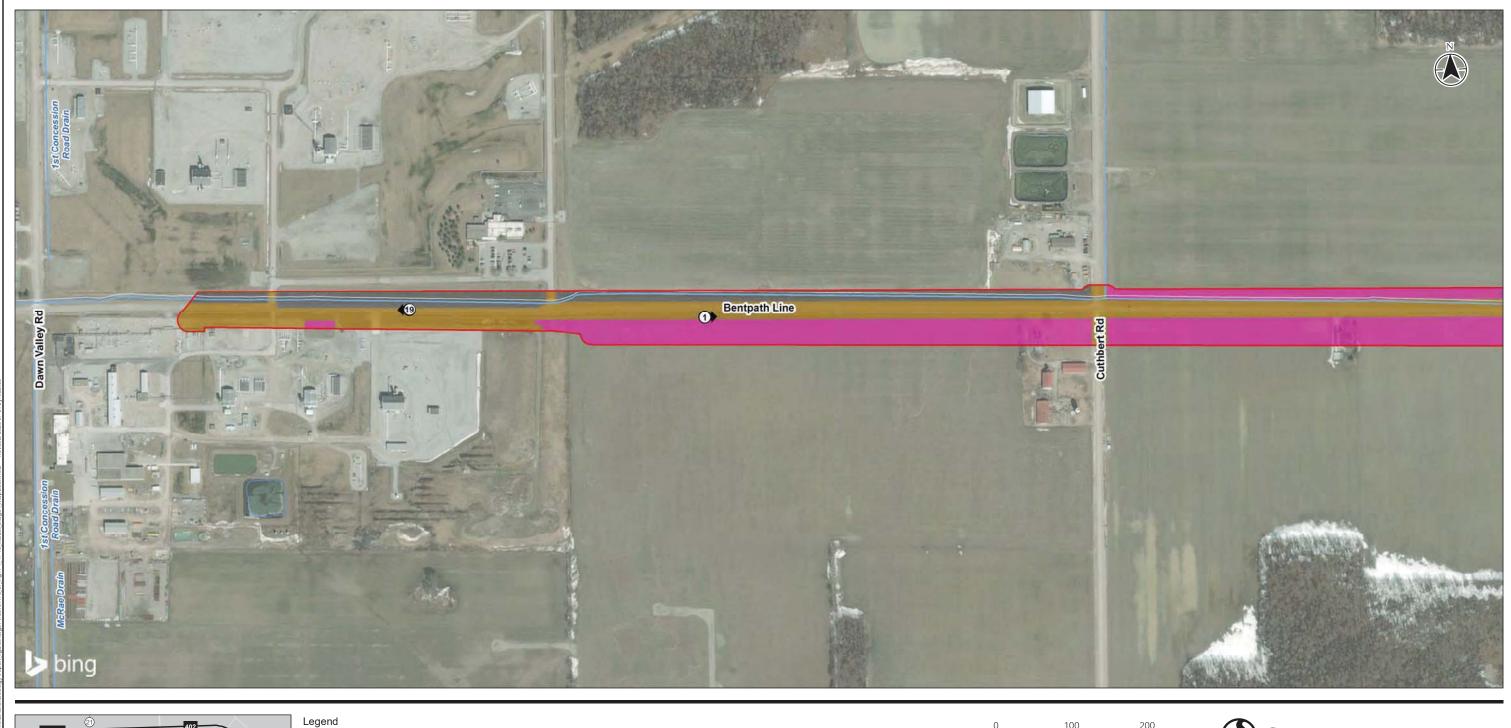
160951170 Prepared by SPE on 2020-07-09 Technical Review by BCC on 2020-07-02

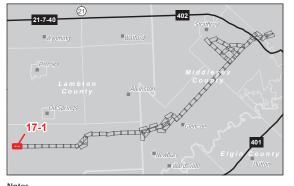
Client/Project
ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

16

Portion of the 1878 Historical Map of Lobo Township







Constructed Drain

Study Area

Watercourse

Waterbody

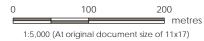
Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

Photo Location and Direction

Previously Assessed, No Further Archaeological Work Required (Stantec 2015)





Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-1

Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

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Project Location Counties of Lambton and Middlesex

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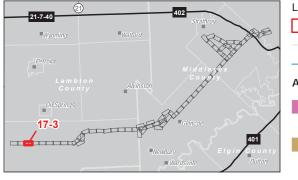
Client/Project
ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-2

Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

200 metres 1:5,000 (At original document size of 11x17)

Stantec

Project Location Counties of Lambton and Middlesex

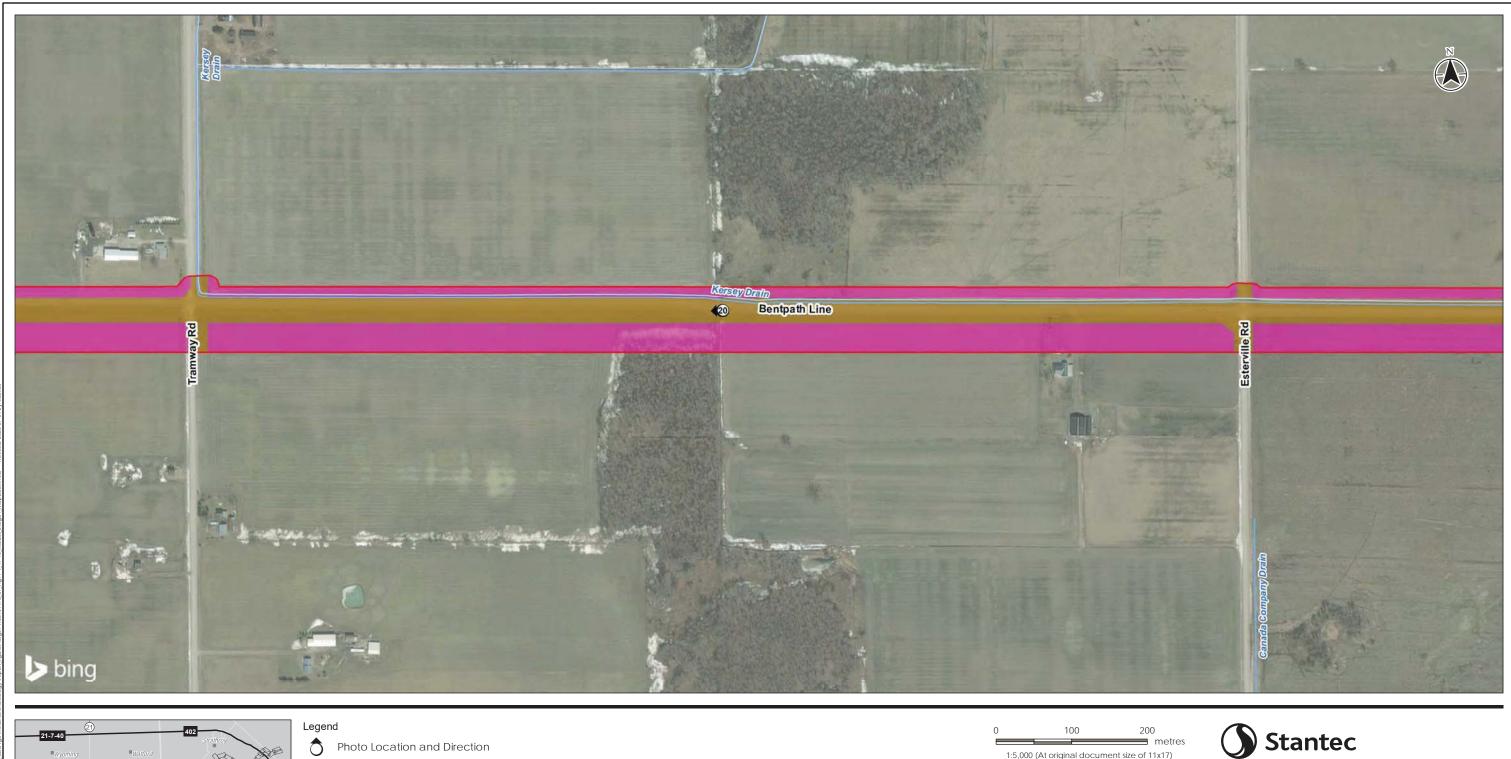
160951170 REVA Prepared by SPE on 2020-07-09 Technical Review by BCC on 2020-07-02

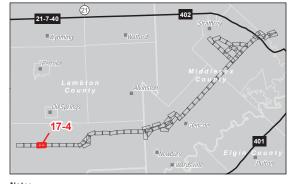
Client/Project
ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-3

Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No
Archaeological Potential - No Further
Archaeological Work Required

1:5,000 (At original document size of 11x17)

Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-4

Results Index - Stage 1 Results





Photo Location and Direction

Study Area Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No
Archaeological Potential - No Further
Archaeological Work Required

1:5,000 (At original document size of 11x17)

Stantec

Project Location Counties of Lambton and Middlesex

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ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-5

Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

200 1:5,000 (At original document size of 11x17)

Stantec

Project Location Counties of Lambton and Middlesex

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ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-6

Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

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Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No. 17-7

Results Index - Stage 1 Results

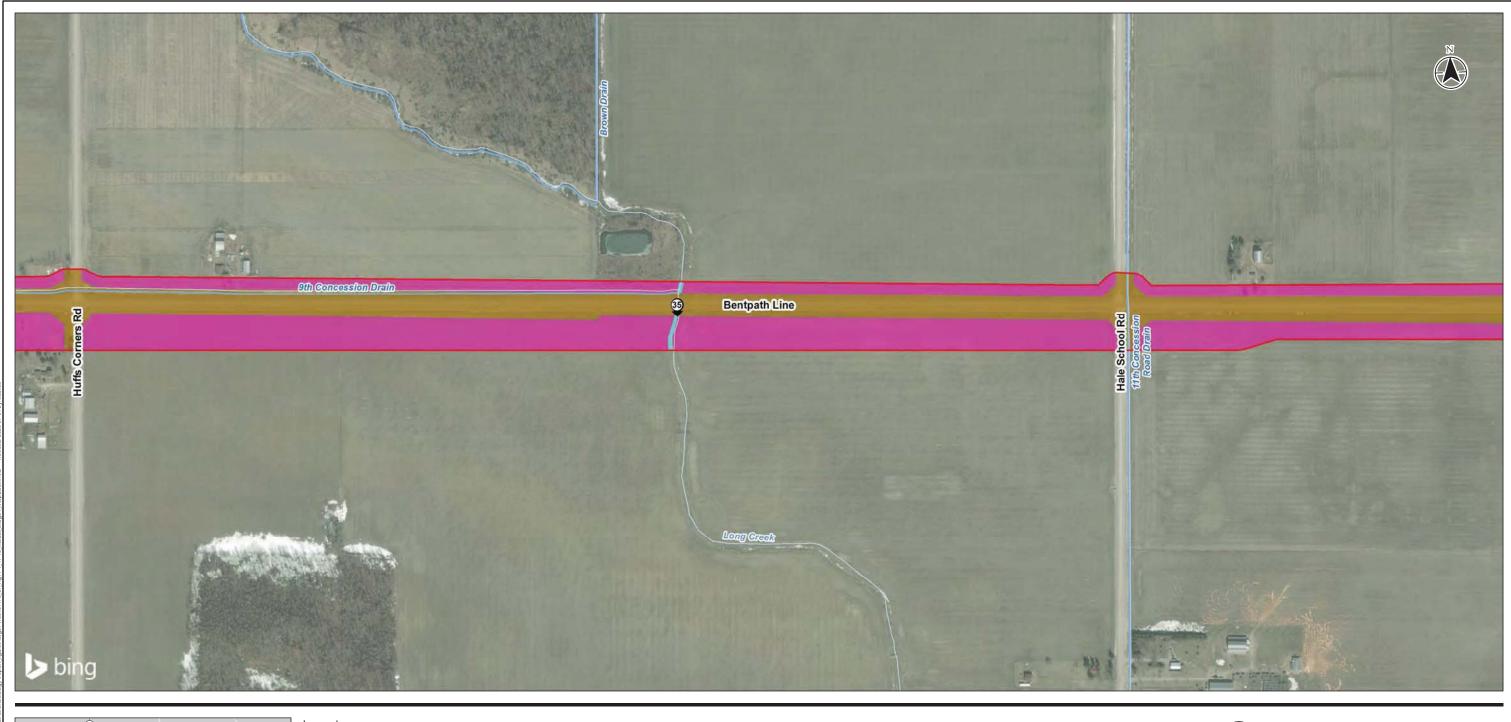




Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Low and Permanently Wet Area, Low to No Archaeological Potential - No Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required





Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-8

Results Index - Stage 1 Results

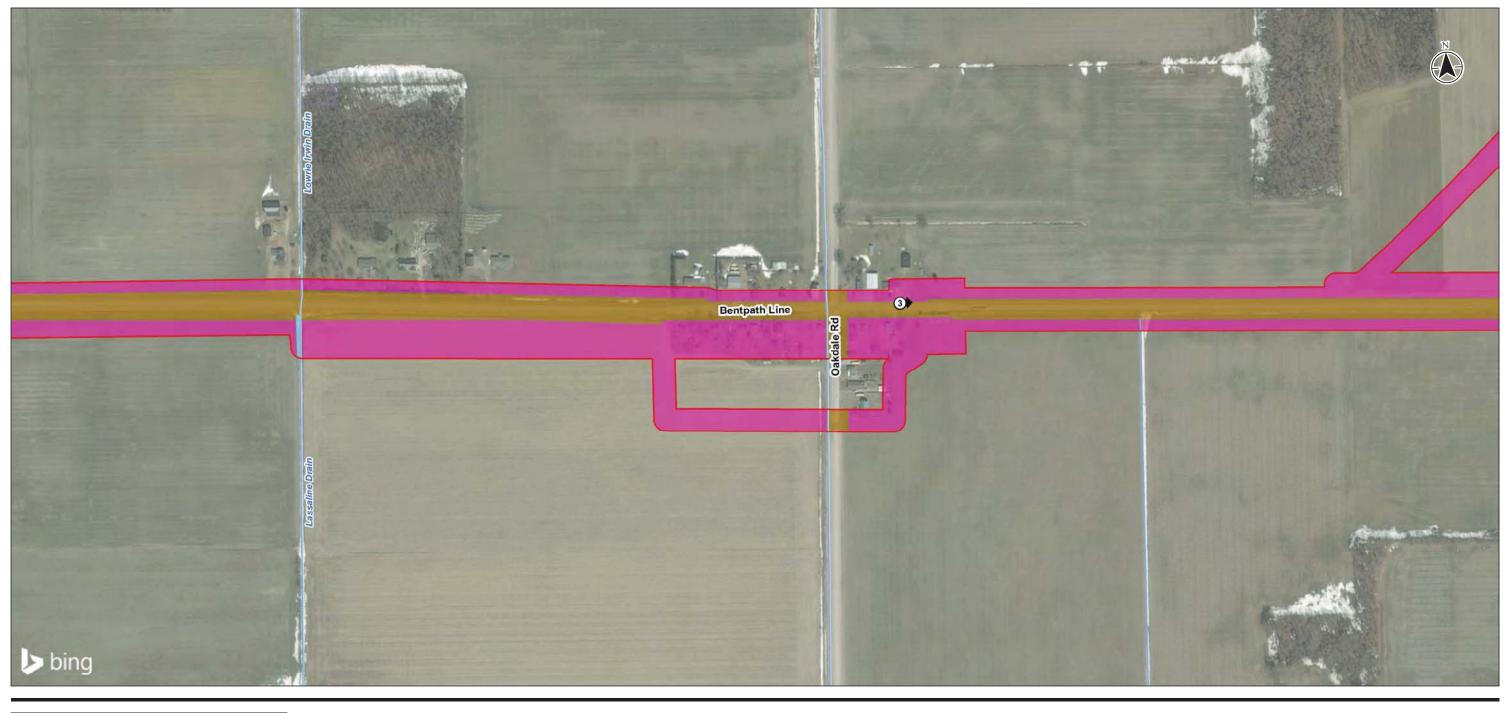




Photo Location and Direction

Watercourse

Study Area

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Low and Permanently Wet Area, Low to No Archaeological Potential - No Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required





Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-9

Results Index - Stage 1 Results





Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required



100

Project Location Counties of Lambton and Middlesex

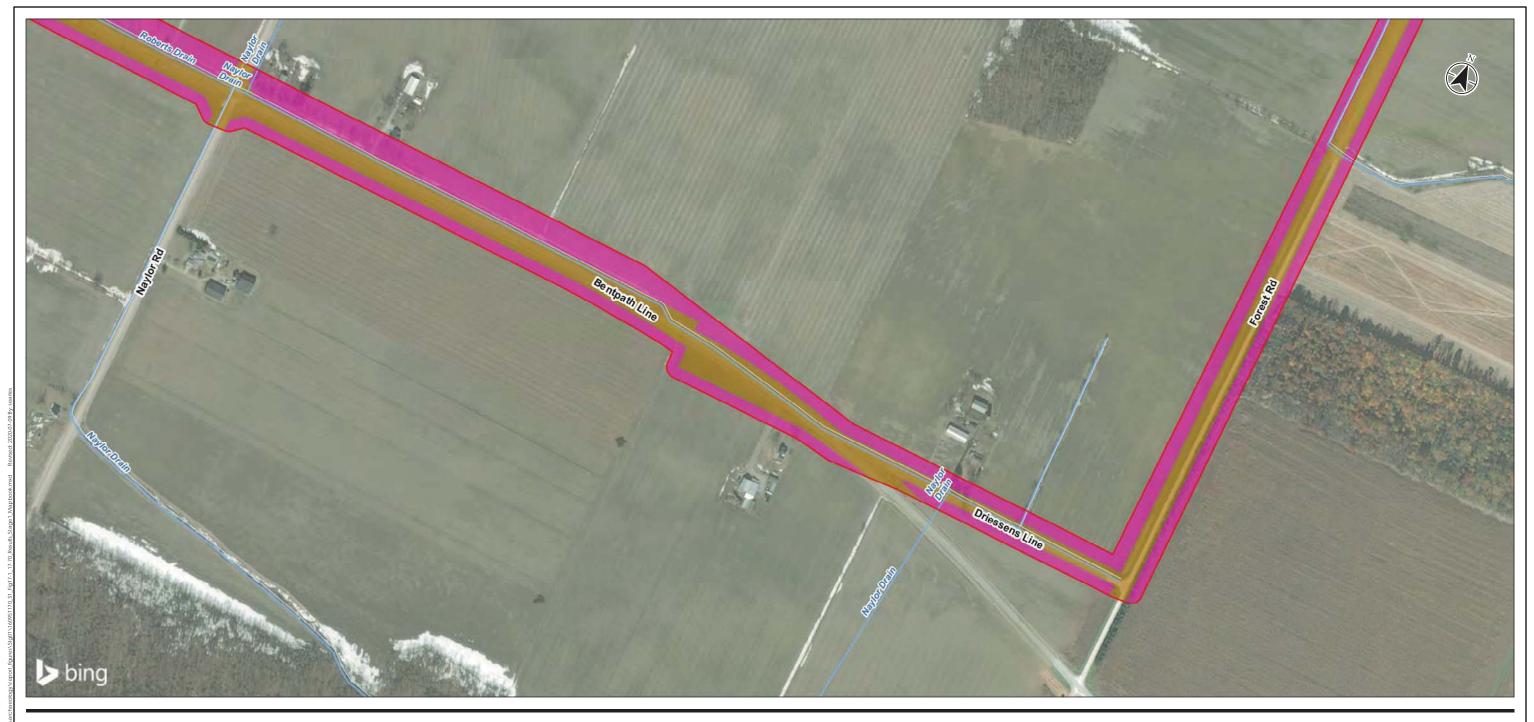
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ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-10

Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

200 metres 100 1:5,000 (At original document size of 11x17)



Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-11

Results Index - Stage 1 Results





Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No
Archaeological Potential - No Further
Archaeological Work Required





Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-12

Results Index - Stage 1 Results





Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No
Archaeological Potential - No Further
Archaeological Work Required

1:5,000 (At original document size of 11x17)



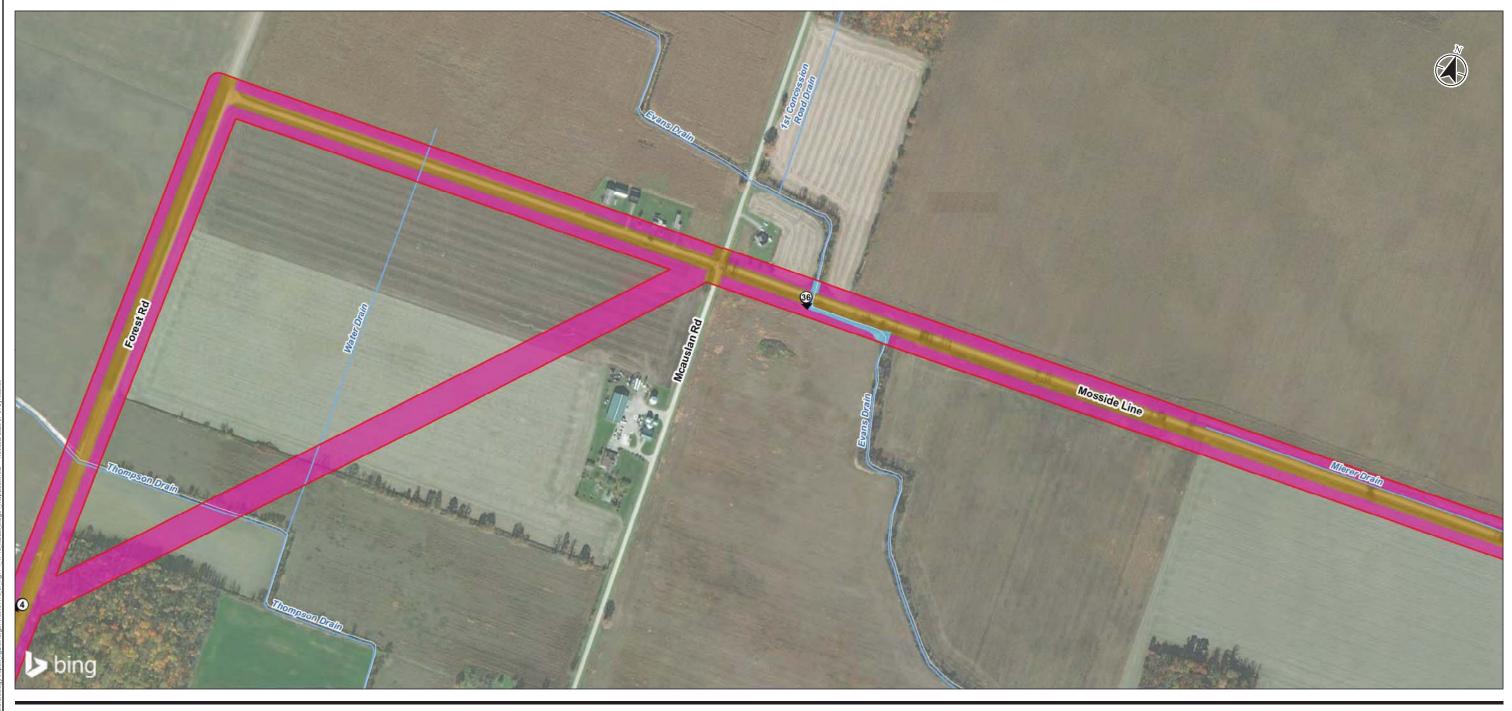
Project Location Counties of Lambton and Middlesex

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Client/Project
ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-13

Results Index - Stage 1 Results



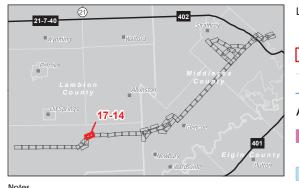


Photo Location and Direction

Watercourse

Study Area

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Low and Permanently Wet Area, Low to No Archaeological Potential - No Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required





Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-14

Results Index - Stage 1 Results





Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No
Archaeological Potential - No Further
Archaeological Work Required





Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-15

Results Index - Stage 1 Results

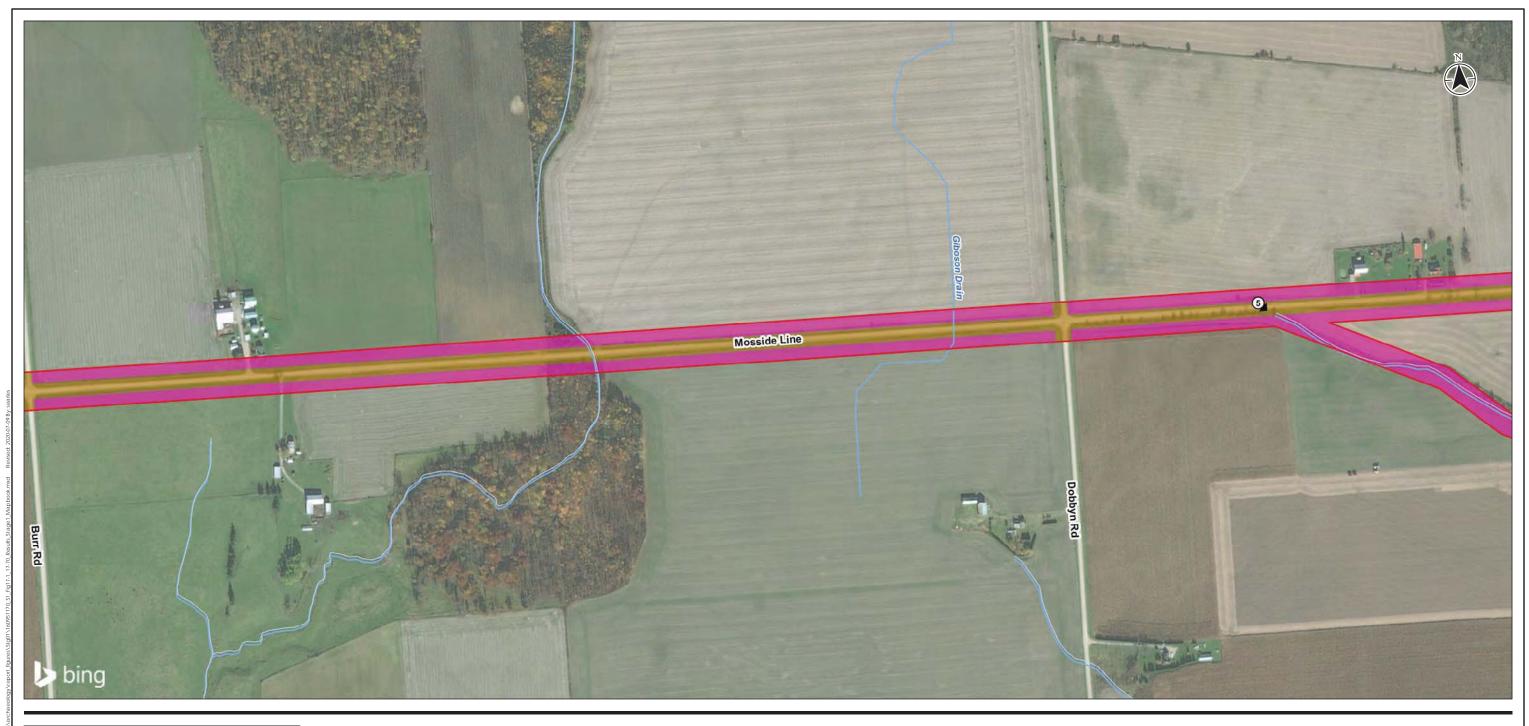




Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No
Archaeological Potential - No Further
Archaeological Work Required

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Project Location Counties of Lambton and Middlesex

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ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-16

Results Index - Stage 1 Results

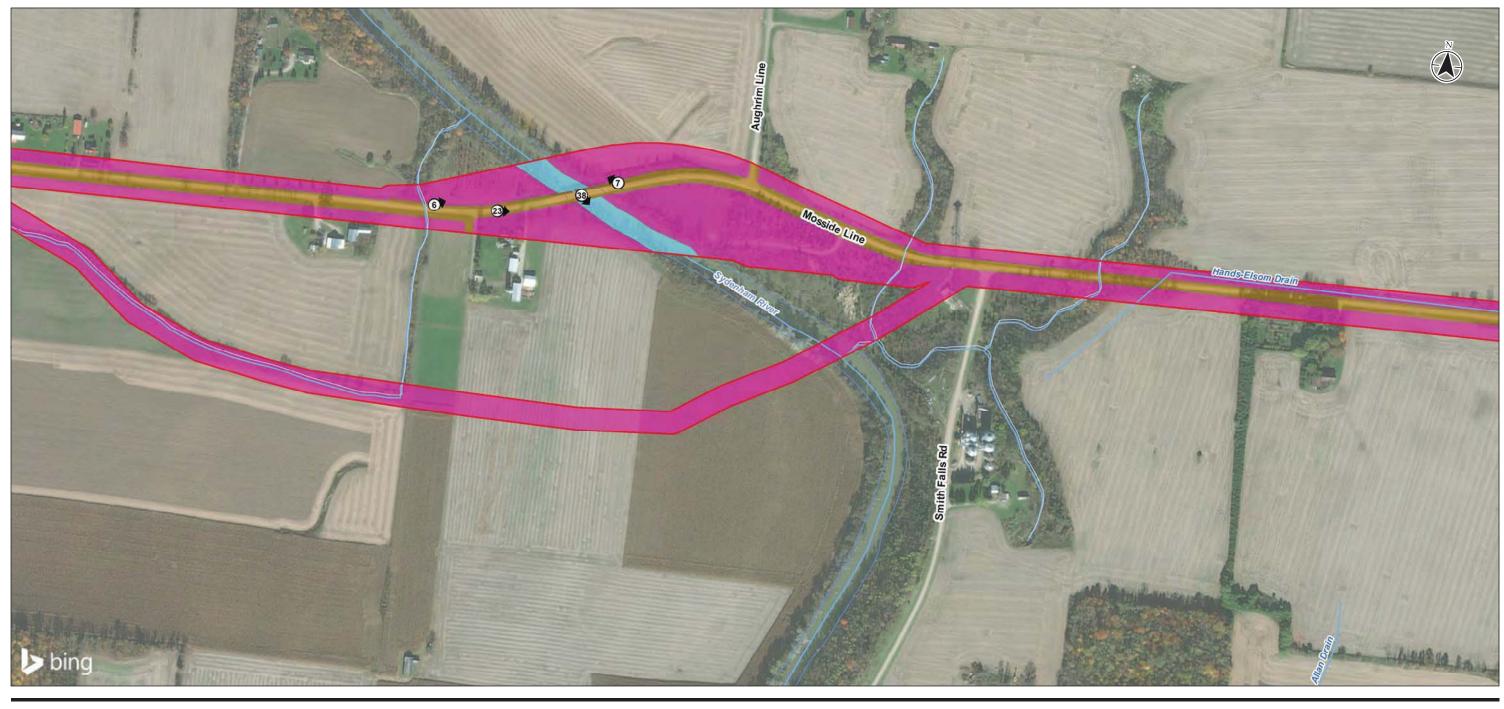




Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Low and Permanently Wet Area, Low to No Archaeological Potential - No Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required





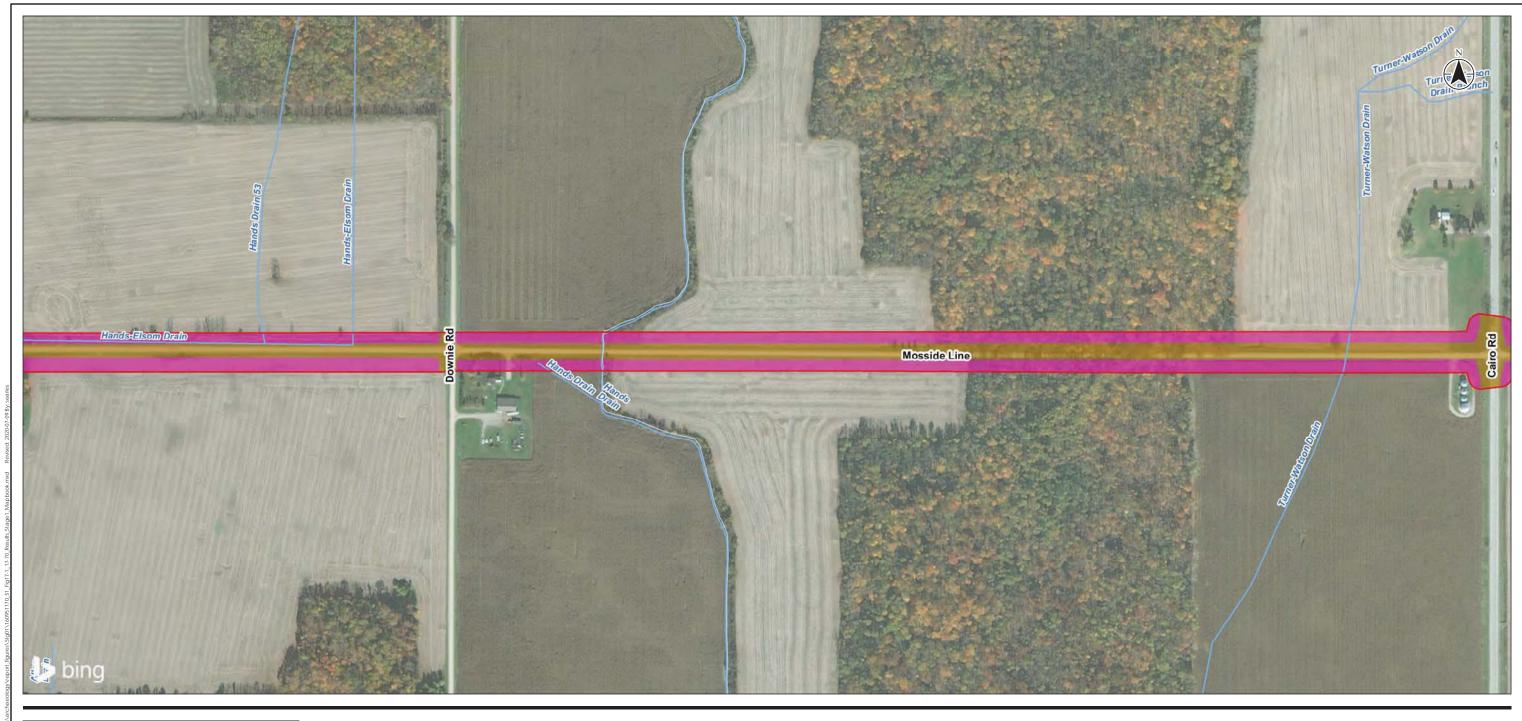
Project Location Counties of Lambton and Middlesex

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ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-17

Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

1:5,000 (At original document size of 11x17)

Stantec

Project Location Counties of Lambton and Middlesex

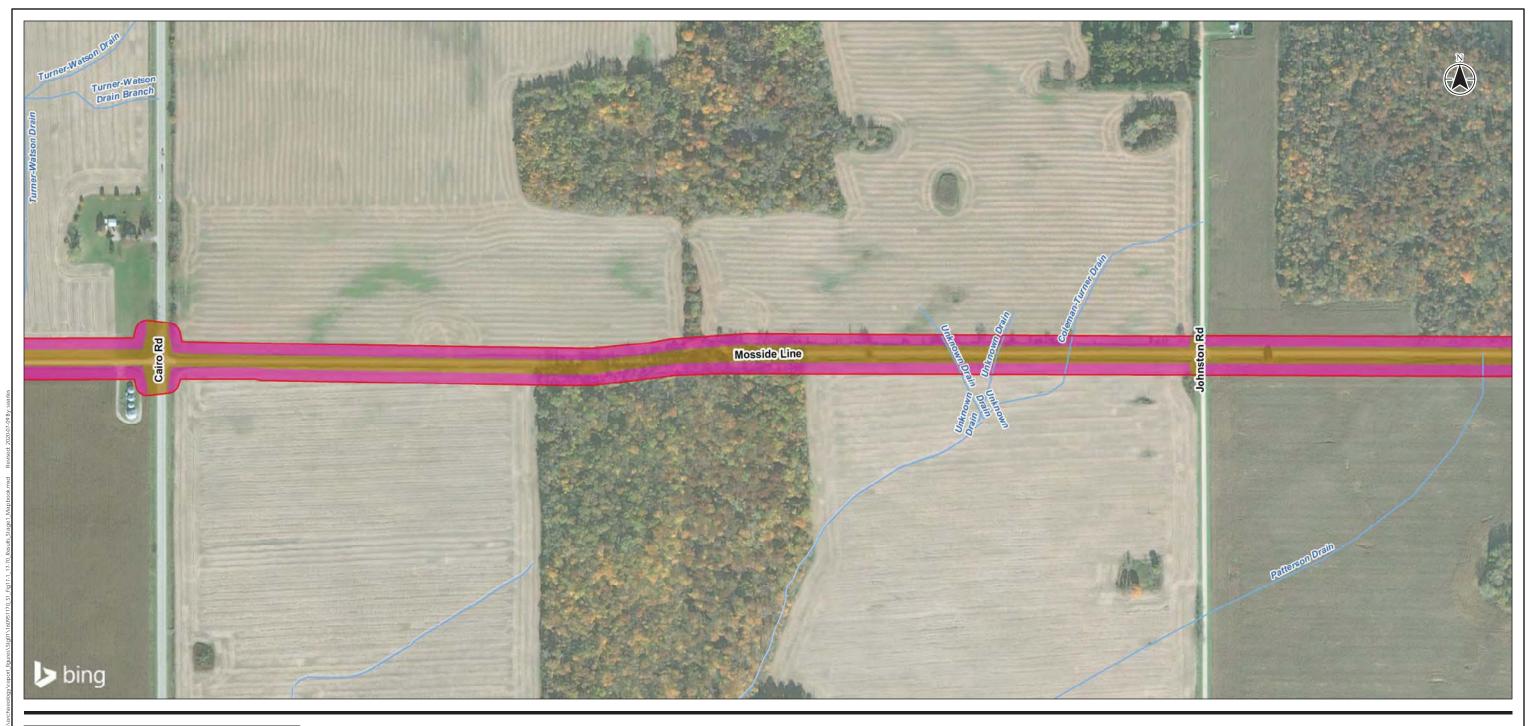
160951170 REVA Prepared by SPE on 2020-07-09 Technical Review by BCC on 2020-07-02

Client/Project
ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-18

Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

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Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-19

Results Index - Stage 1 Results





Study Area

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No
Archaeological Potential - No Further
Archaeological Work Required

Stantec 1:5,000 (At original document size of 11x17)

Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-20

Results Index - Stage 1 Results

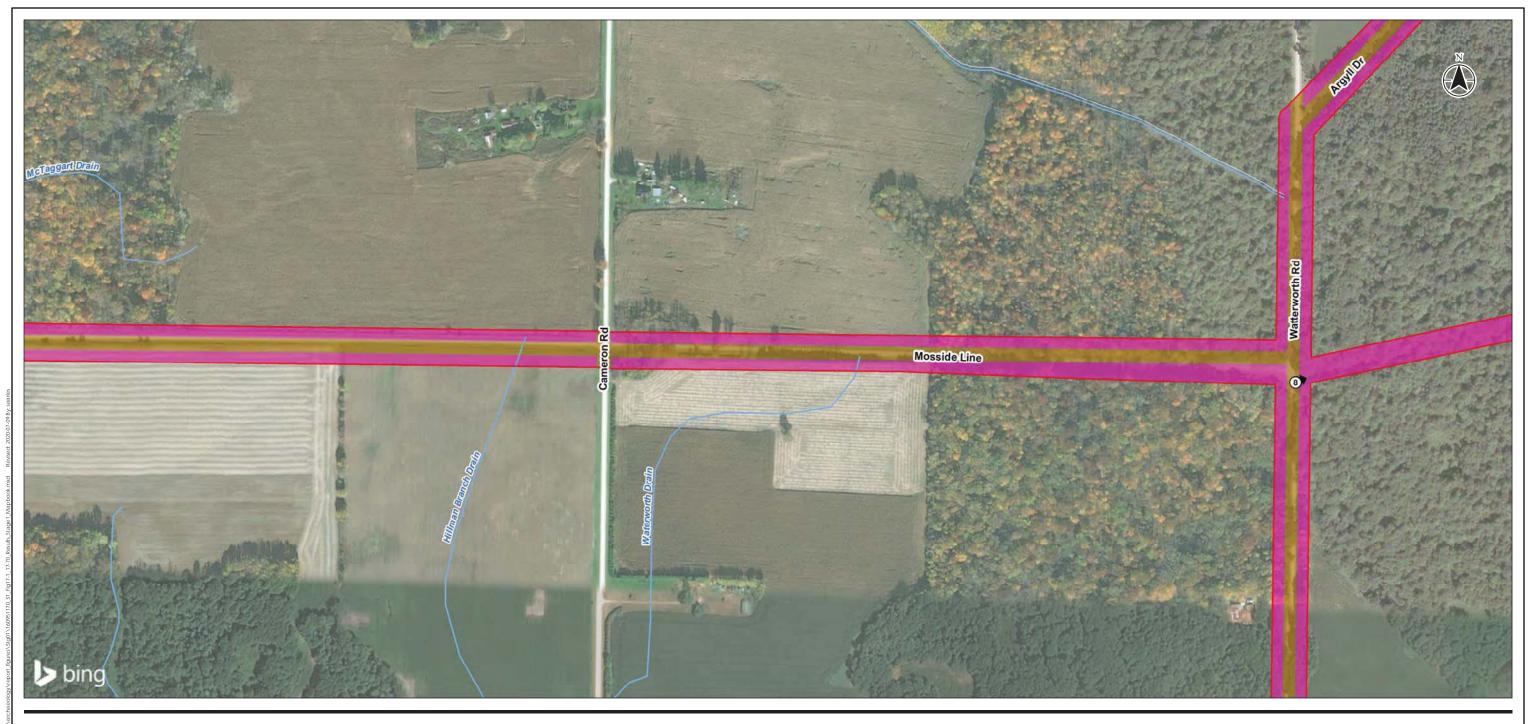




Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No
Archaeological Potential - No Further
Archaeological Work Required

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-21

Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

1:5,000 (At original document size of 11x17)



Project Location Counties of Lambton and Middlesex

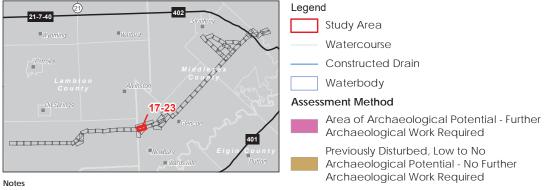
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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-22

Results Index - Stage 1 Results





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Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-23

Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

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Project Location Counties of Lambton and Middlesex

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Client/Project
ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-24

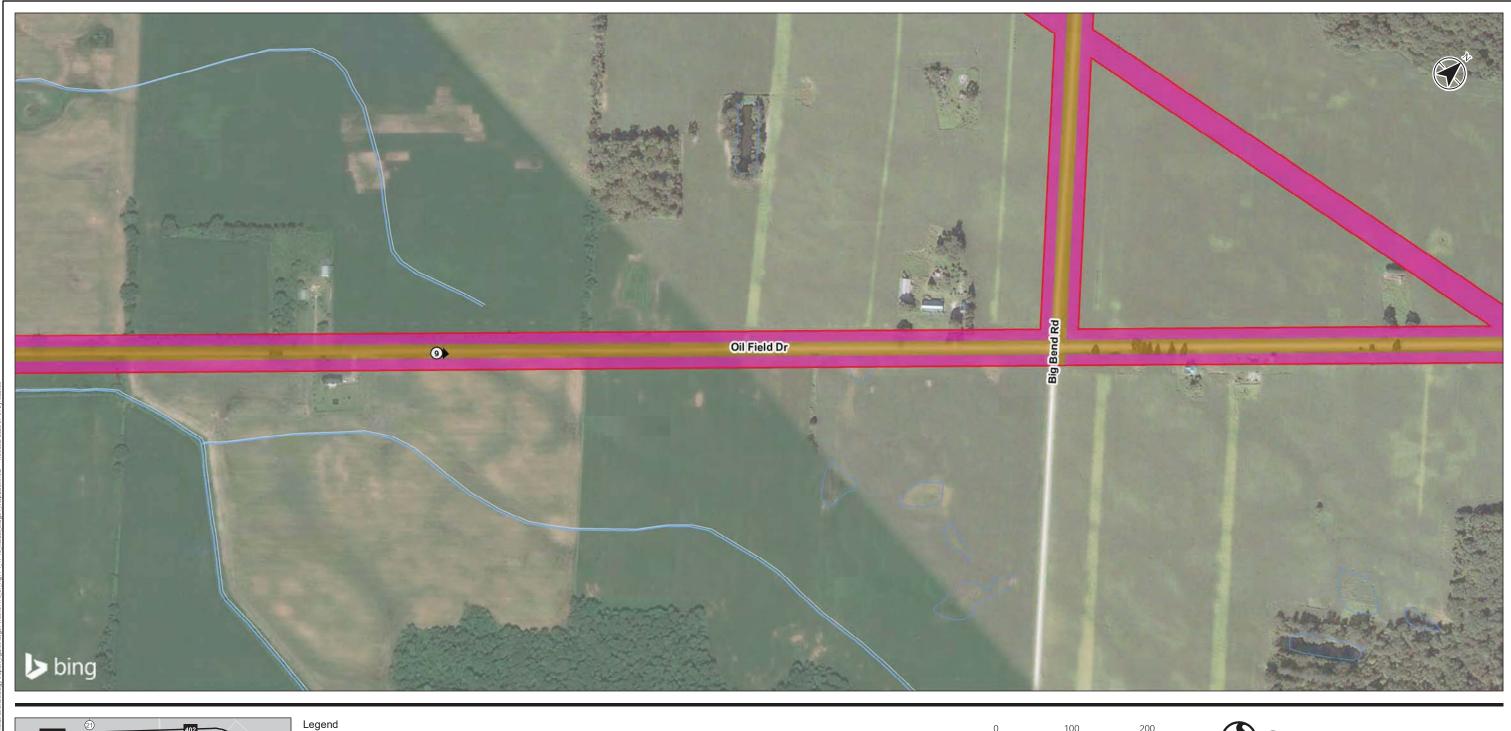




Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

100 1:5,000 (At original document size of 11x17)



Project Location Counties of Lambton and Middlesex

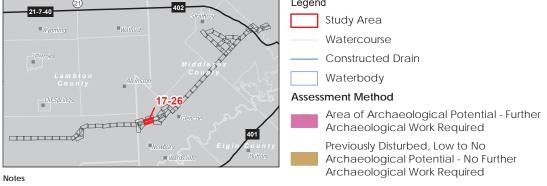
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STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-25

Results Index - Stage 1 Results





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Stantec

Project Location Counties of Lambton and Middlesex

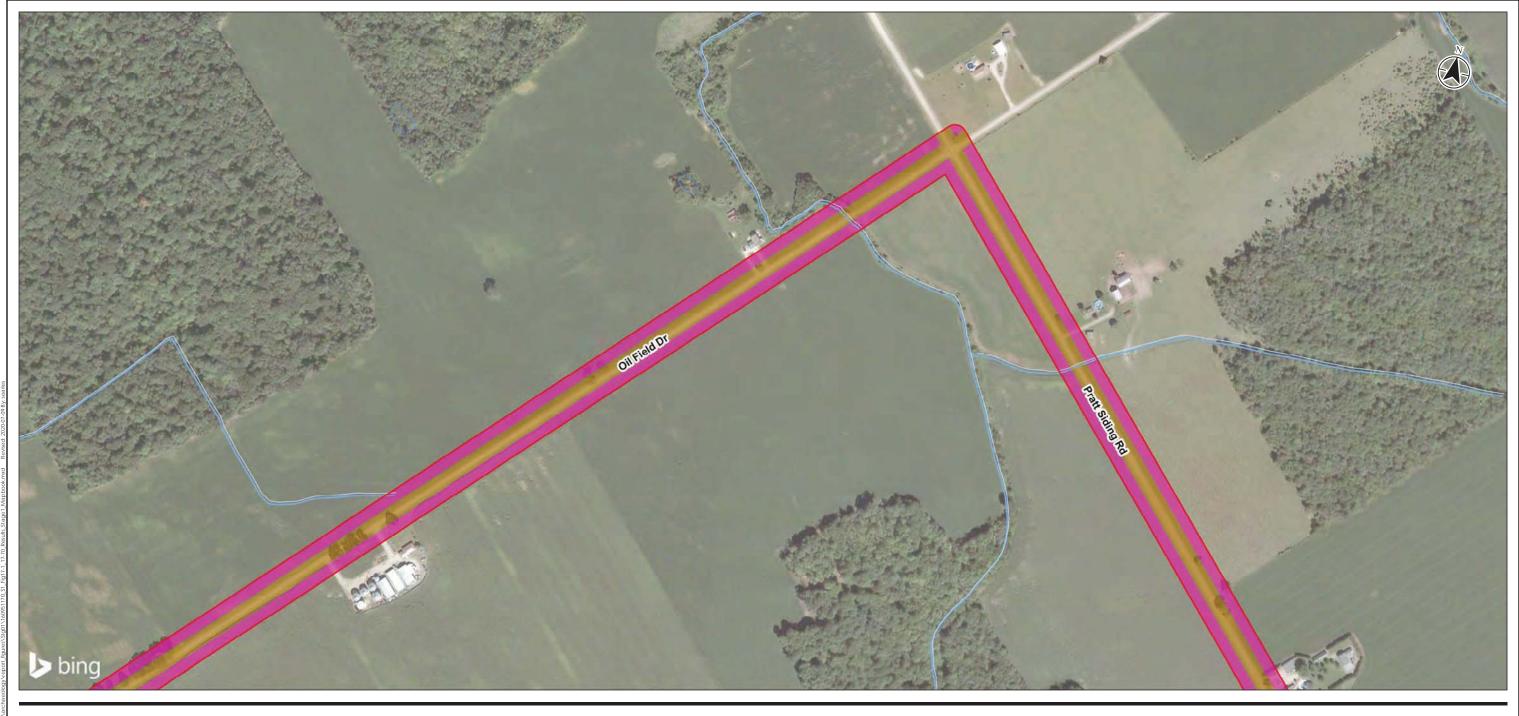
160951170 REVA Prepared by SPE on 2020-07-09 Technical Review by BCC on 2020-07-02

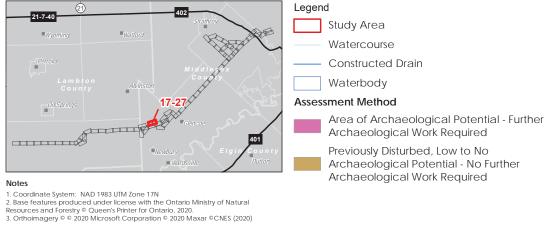
Client/Project
ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-26

Results Index - Stage 1 Results





200 metres 1:5,000 (At original document size of 11x17)



Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-27



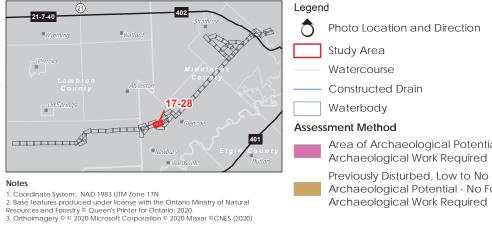


Photo Location and Direction

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further

1:5,000 (At original document size of 11x17)



Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-28





Study Area

Watercourse

Constructed Drain

--- Railway - Operational

Waterbody

Previously Disturbed, Low to No Archaeological Potential - No Further

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Archaeological Work Required

Stantec

Project Location Counties of Lambton and Middlesex

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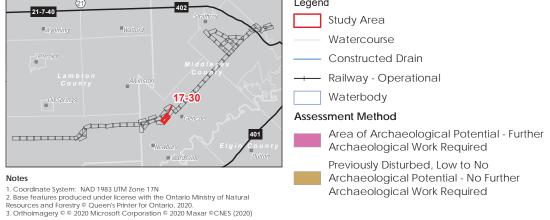
Client/Project
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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-29

1:5,000 (At original document size of 11x17)

Results Index - Stage 1 Results





1:5,000 (At original document size of 11x17)



Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-30





Photo Location and Direction

Study Area

Watercourse

Constructed Drain

--- Railway - Operational

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Low and Permanently Wet Area, Low to No Archaeological Potential - No Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required





Project Location Counties of Lambton and Middlesex

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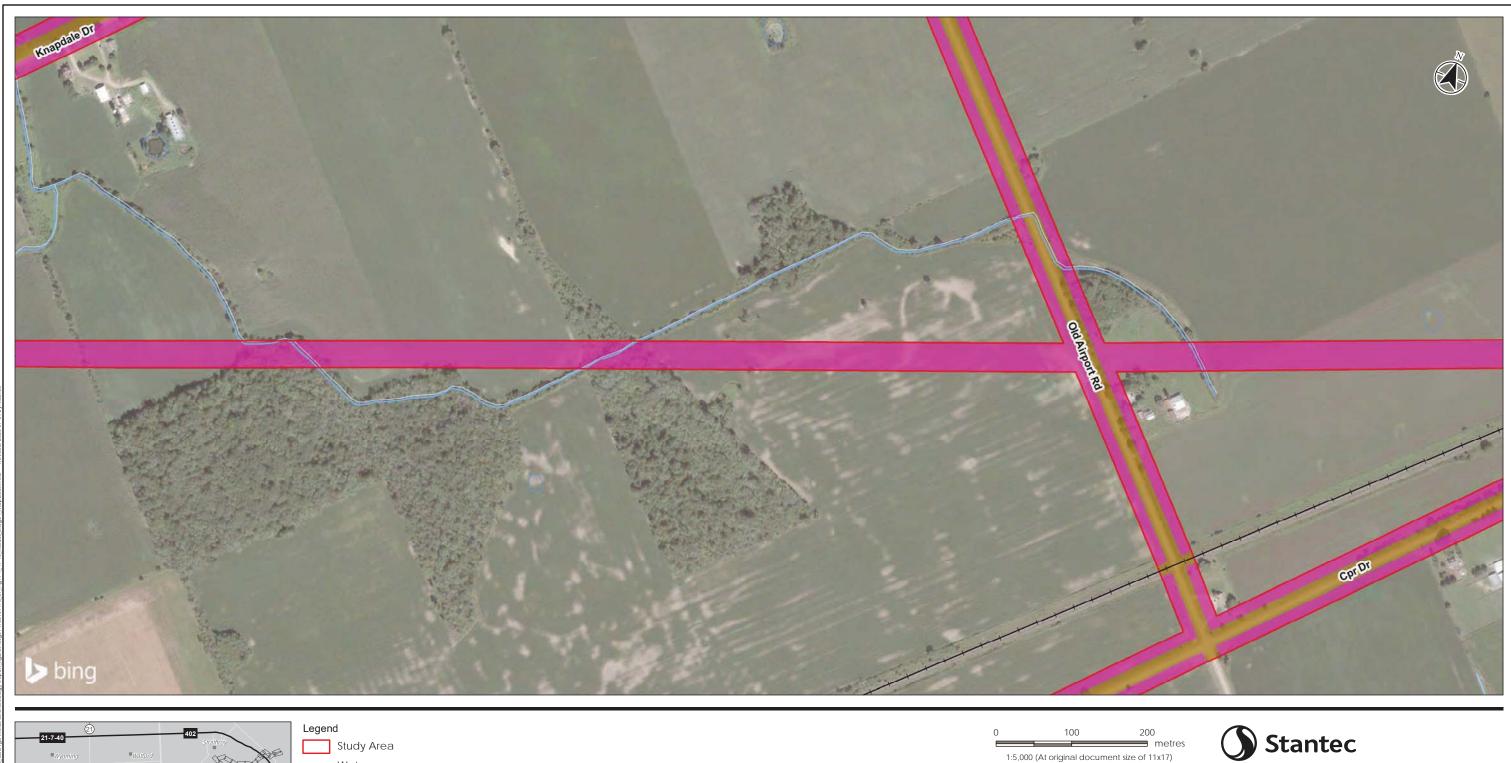
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LONDON LINES REPLACEMENT PROJECT STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-31

Results Index - Stage 1 Results





Watercourse

Constructed Drain

--- Railway - Operational

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No
Archaeological Potential - No Further
Archaeological Work Required

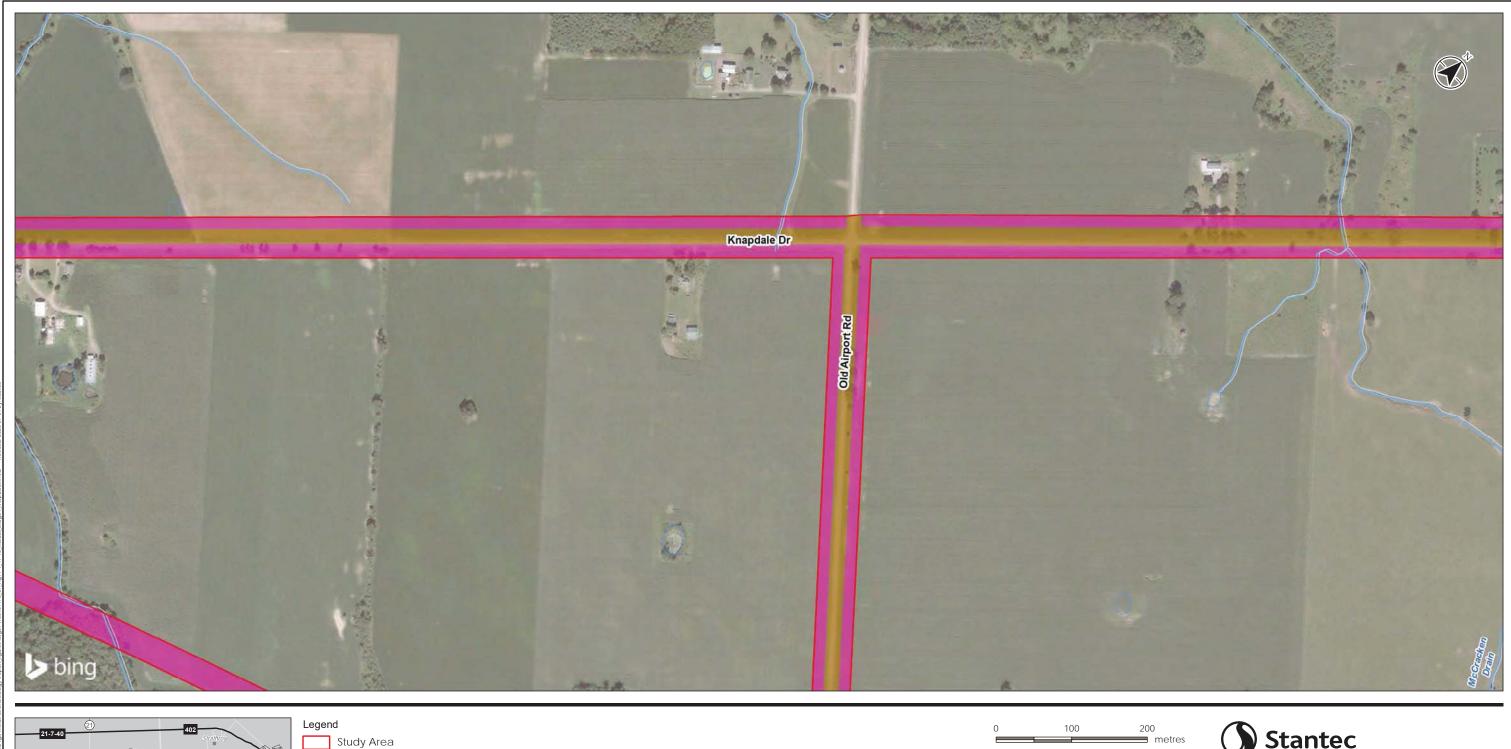
Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-32

Results Index - Stage 1 Results





Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No

Archaeological Potential - No Further Archaeological Work Required

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LONDON LINES REPLACEMENT PROJECT STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-33





Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

200 metres 1:5,000 (At original document size of 11x17)

Stantec

Project Location Counties of Lambton and Middlesex

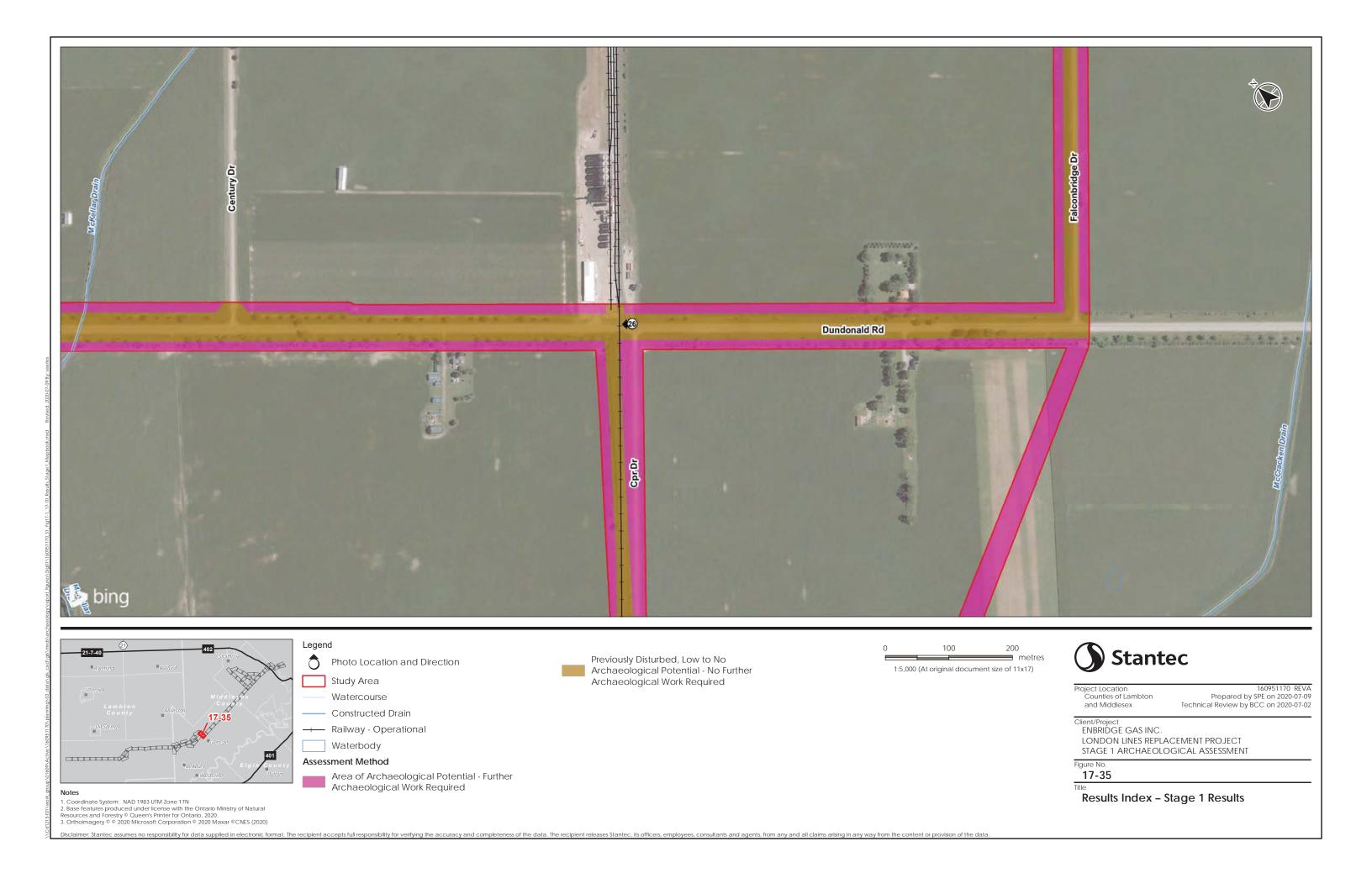
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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-34

Results Index - Stage 1 Results







Study Area

Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further

Archaeological Work Required

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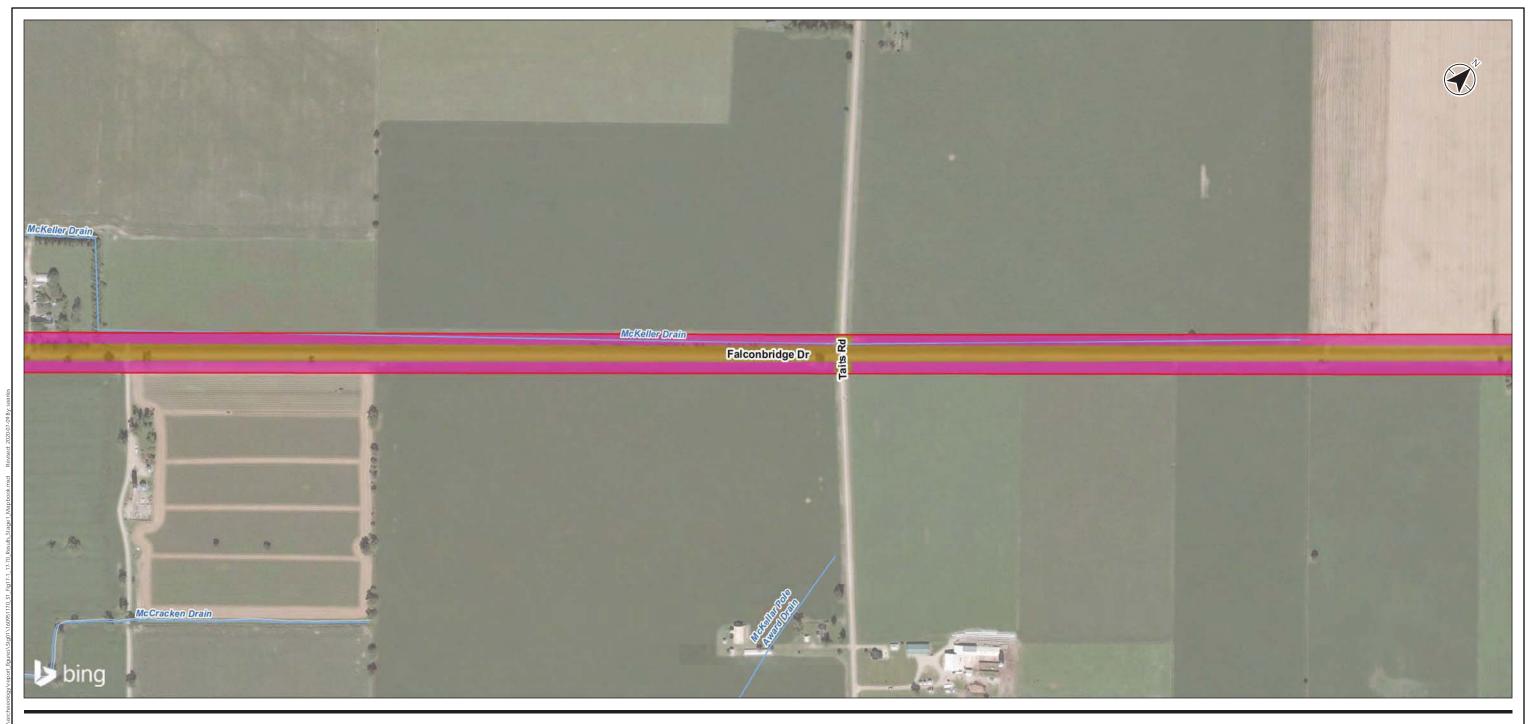
160951170 REVA Prepared by SPE on 2020-07-09 Technical Review by BCC on 2020-07-02

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LONDON LINES REPLACEMENT PROJECT STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-36





Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

100 1:5,000 (At original document size of 11x17)

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Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-37

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Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

Stantec 200 metres 1:5,000 (At original document size of 11x17)

100

Project Location Counties of Lambton and Middlesex

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STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-38

Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

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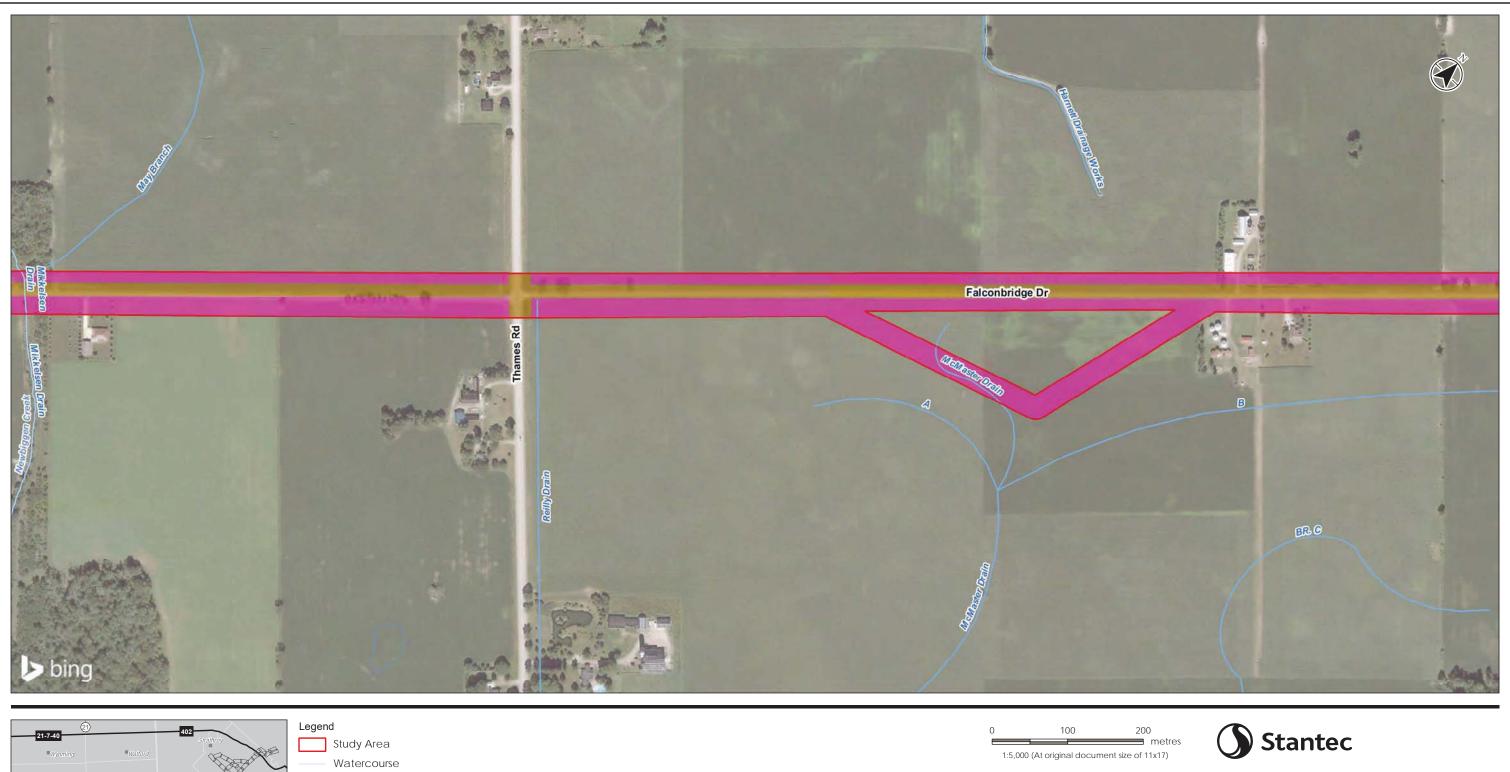
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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-39





Constructed Drain

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

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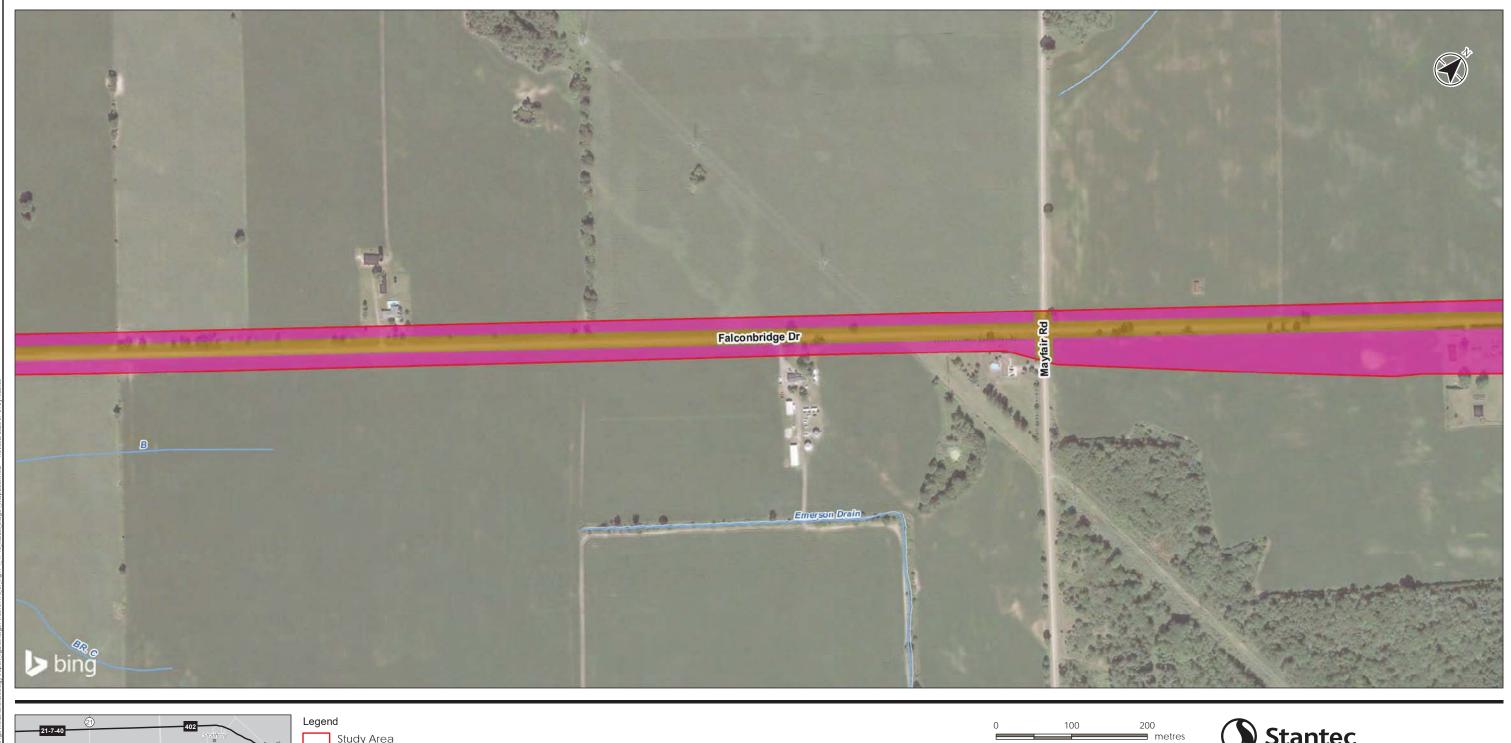
Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-40





Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

Stantec

Project Location Counties of Lambton and Middlesex

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STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-41

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Photo Location and Direction

Study Area

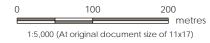
Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No
Archaeological Potential - No Further
Archaeological Work Required





Project Location Counties of Lambton and Middlesex

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STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-42

Results Index - Stage 1 Results





Photo Location and Direction

Watercourse

Study Area

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No
Archaeological Potential - No Further
Archaeological Work Required



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Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-43

Results Index - Stage 1 Results

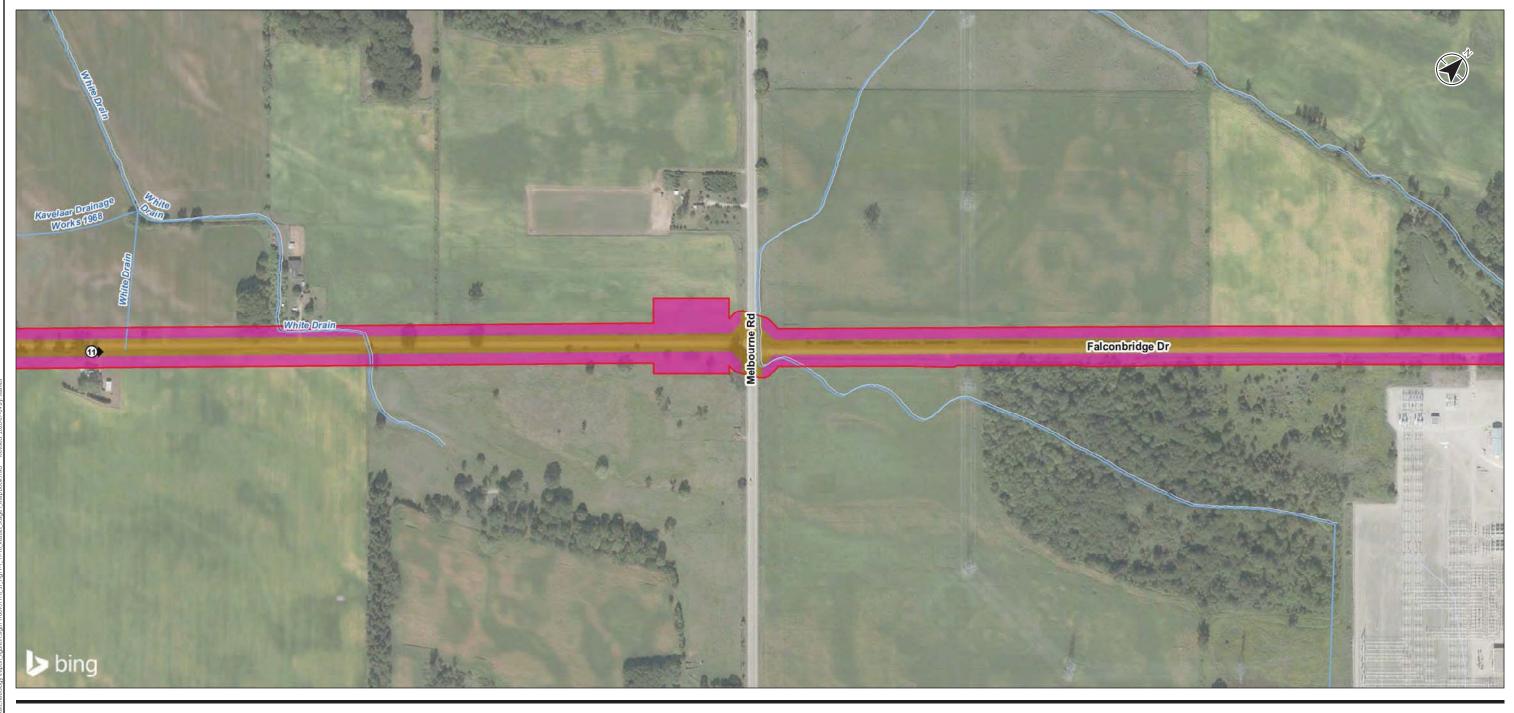




Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No
Archaeological Potential - No Further
Archaeological Work Required

Stantec

Project Location Counties of Lambton and Middlesex

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STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-44

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Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-45





Study Area

Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

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STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-46





Study Area

Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-47





Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Railway - Operational

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required





Project Location Counties of Lambton and Middlesex

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STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-48

Results Index - Stage 1 Results

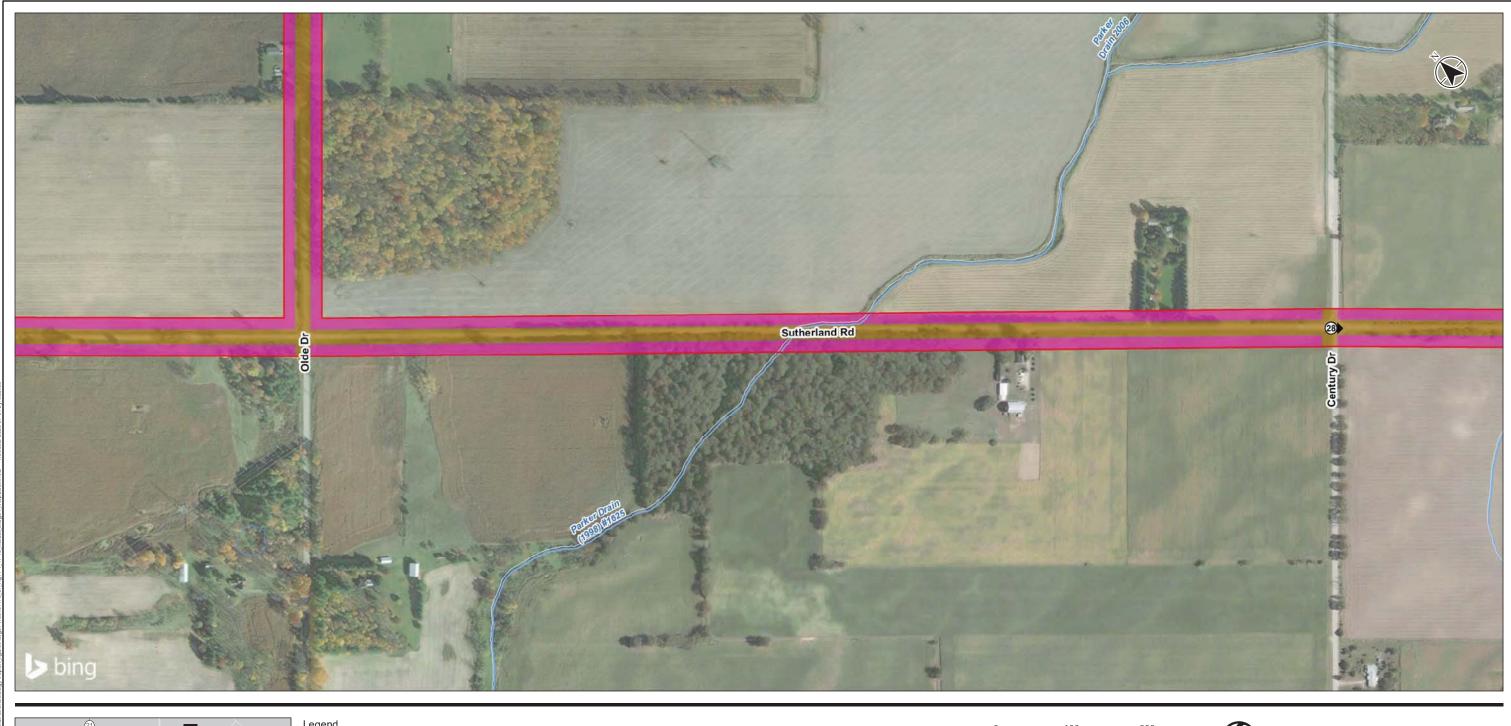




Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further

Archaeological Work Required



Stantec

Project Location Counties of Lambton and Middlesex

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STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-49

Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

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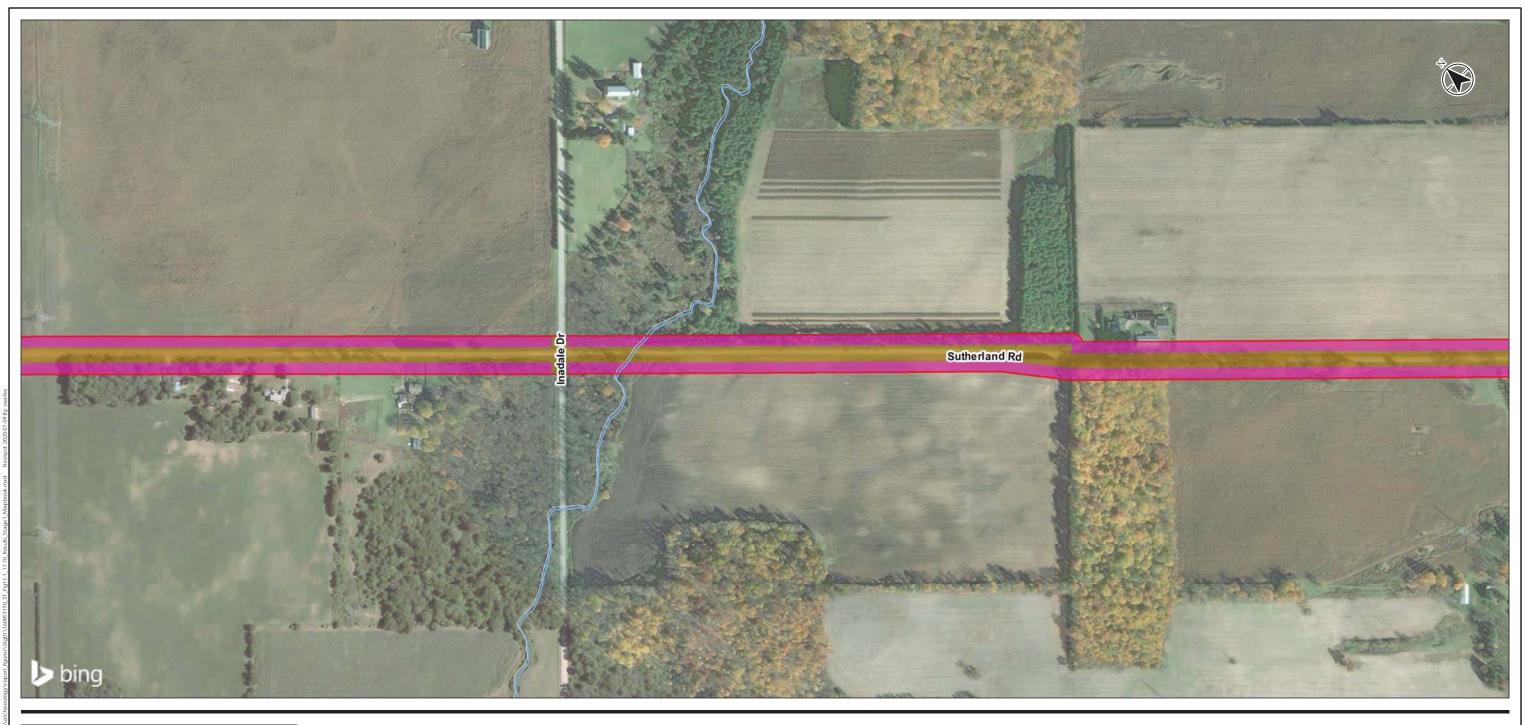
Project Location Counties of Lambton and Middlesex

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ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-50





Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

1:5,000 (At original document size of 11x17)

Stantec

Project Location Counties of Lambton and Middlesex

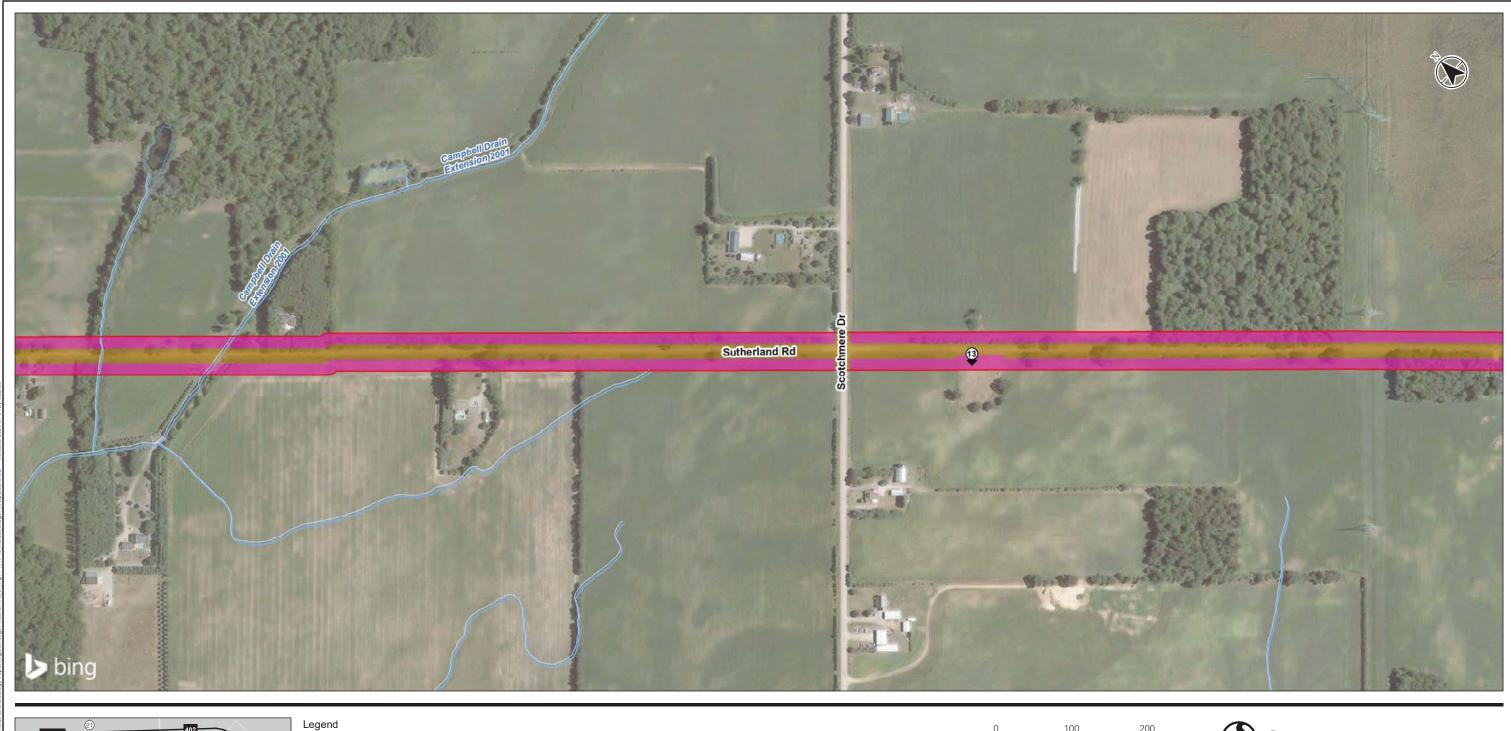
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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-51

Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further

Photo Location and Direction

Archaeological Work Required

200 metres **Stantec** 1:5,000 (At original document size of 11x17)

Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-52

Results Index - Stage 1 Results





Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further

Archaeological Work Required





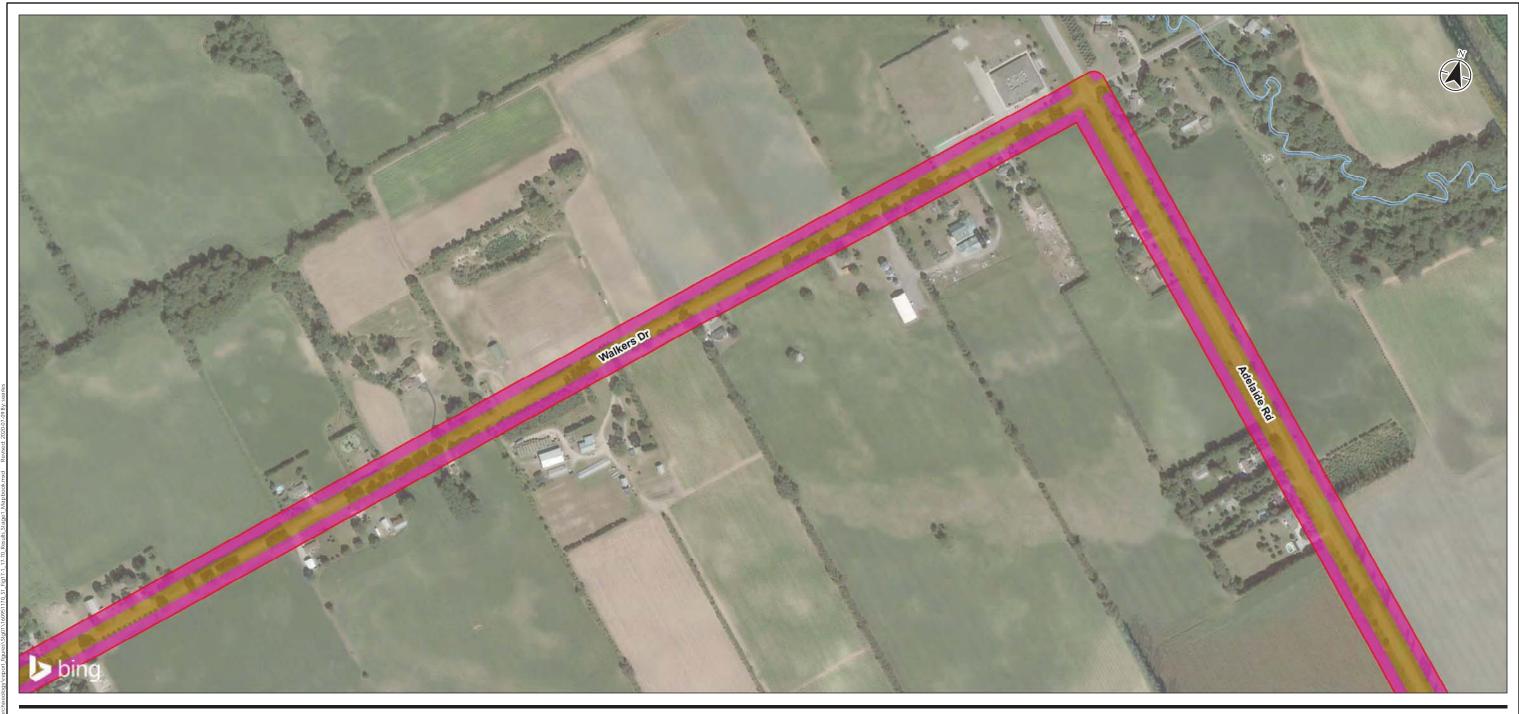
Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-53

Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

1:5,000 (At original document size of 11x17)



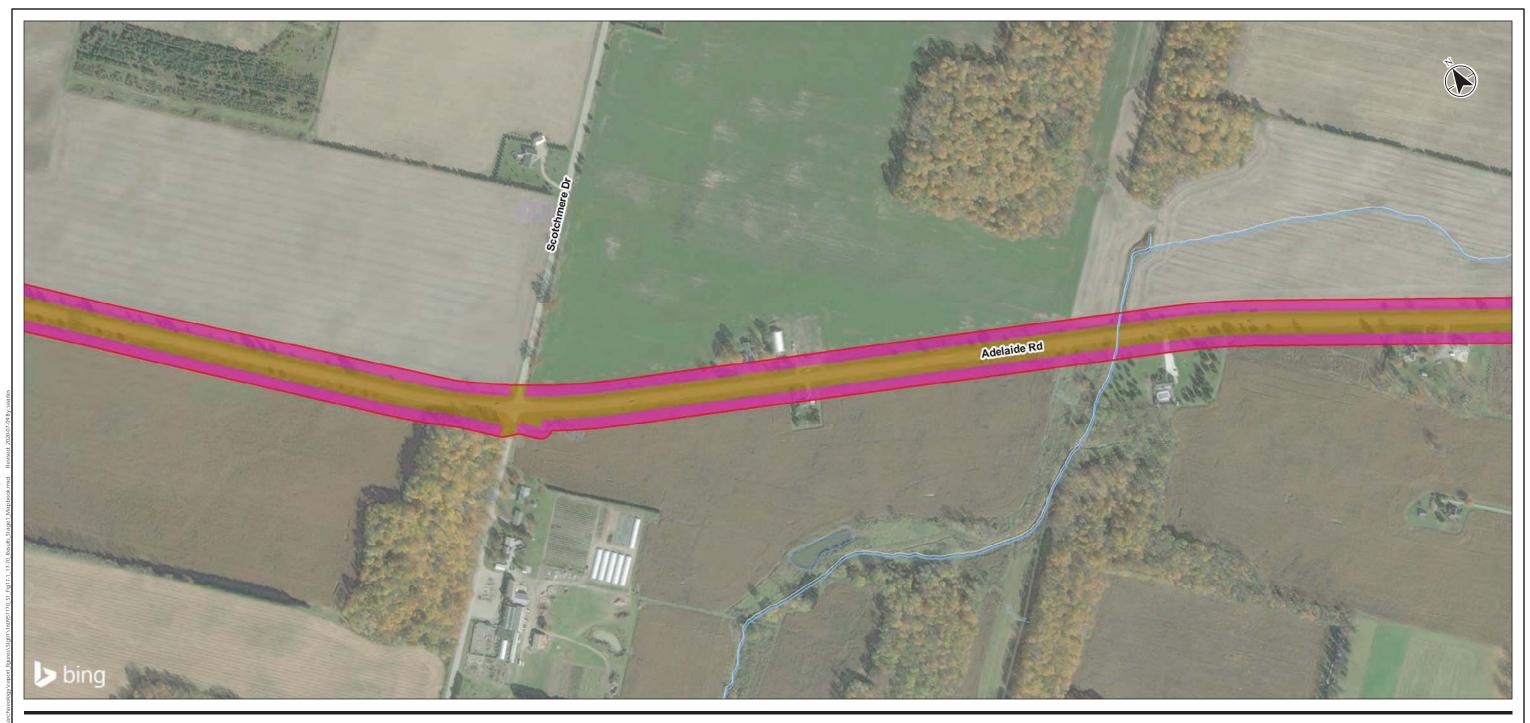
Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-54

Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Waterbody

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

Assessment Method

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200 metres 1:5,000 (At original document size of 11x17)

100



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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-55

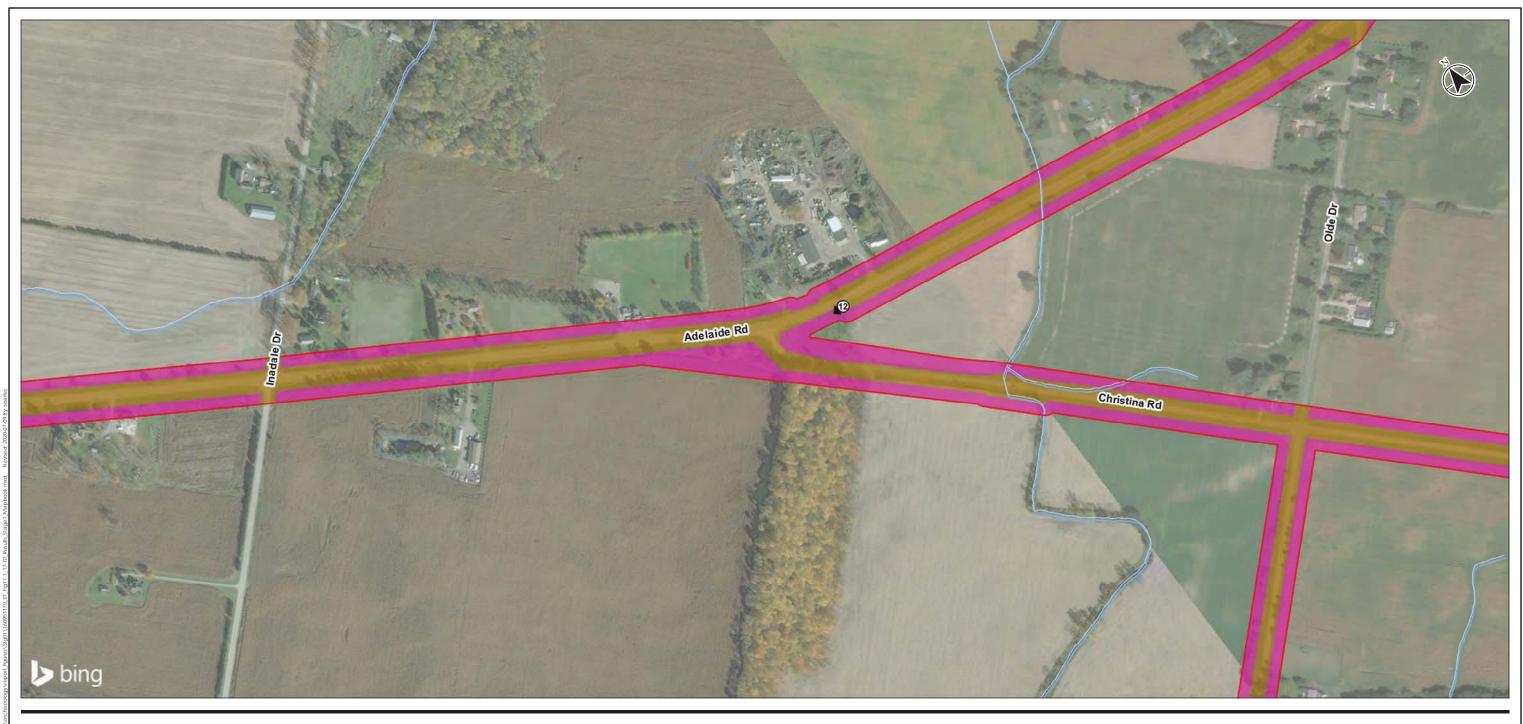




Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No
Archaeological Potential - No Further Archaeological Work Required

200 metres 1:5,000 (At original document size of 11x17)



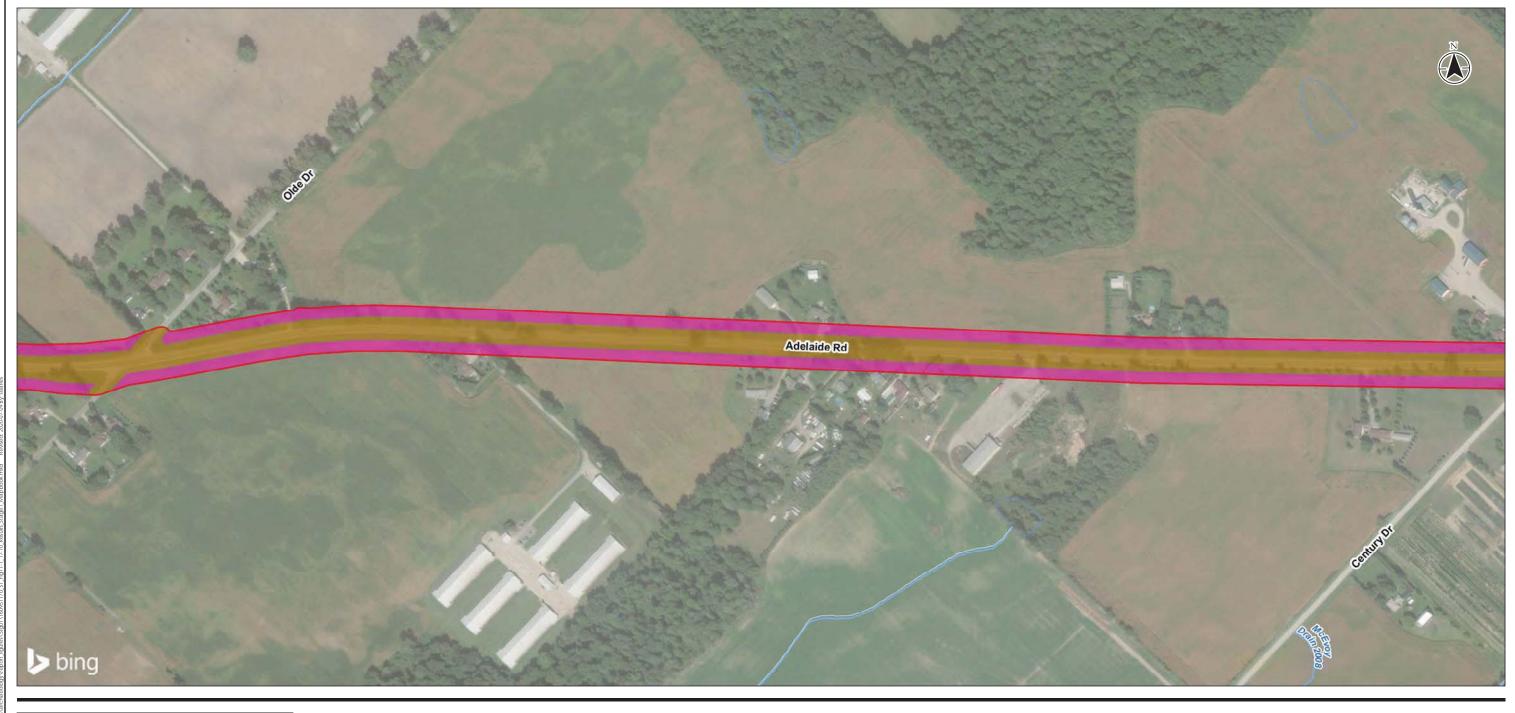
Project Location Counties of Lambton and Middlesex

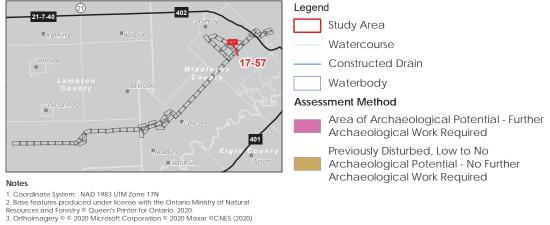
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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-56

Results Index - Stage 1 Results





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Project Location Counties of Lambton and Middlesex

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Client/Project
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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-57

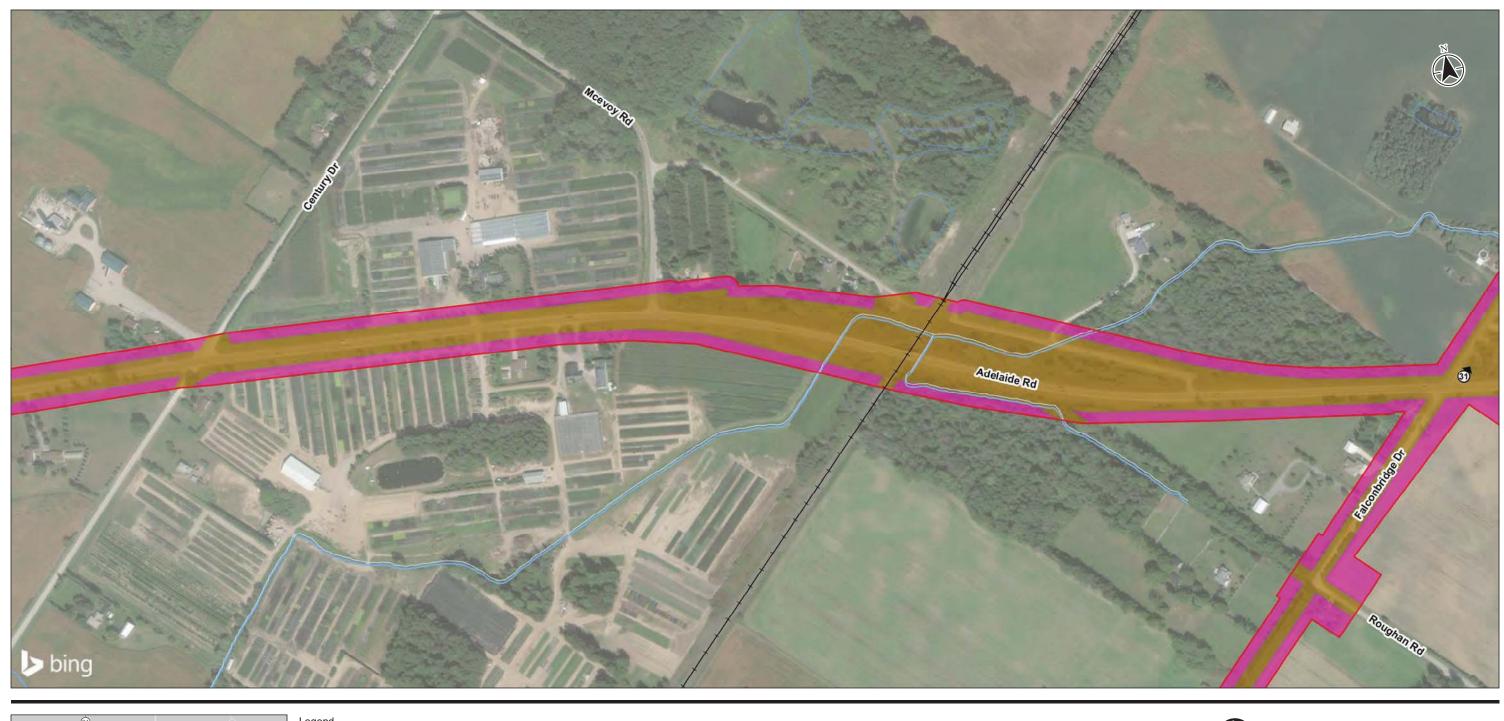




Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Railway - Operational

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required





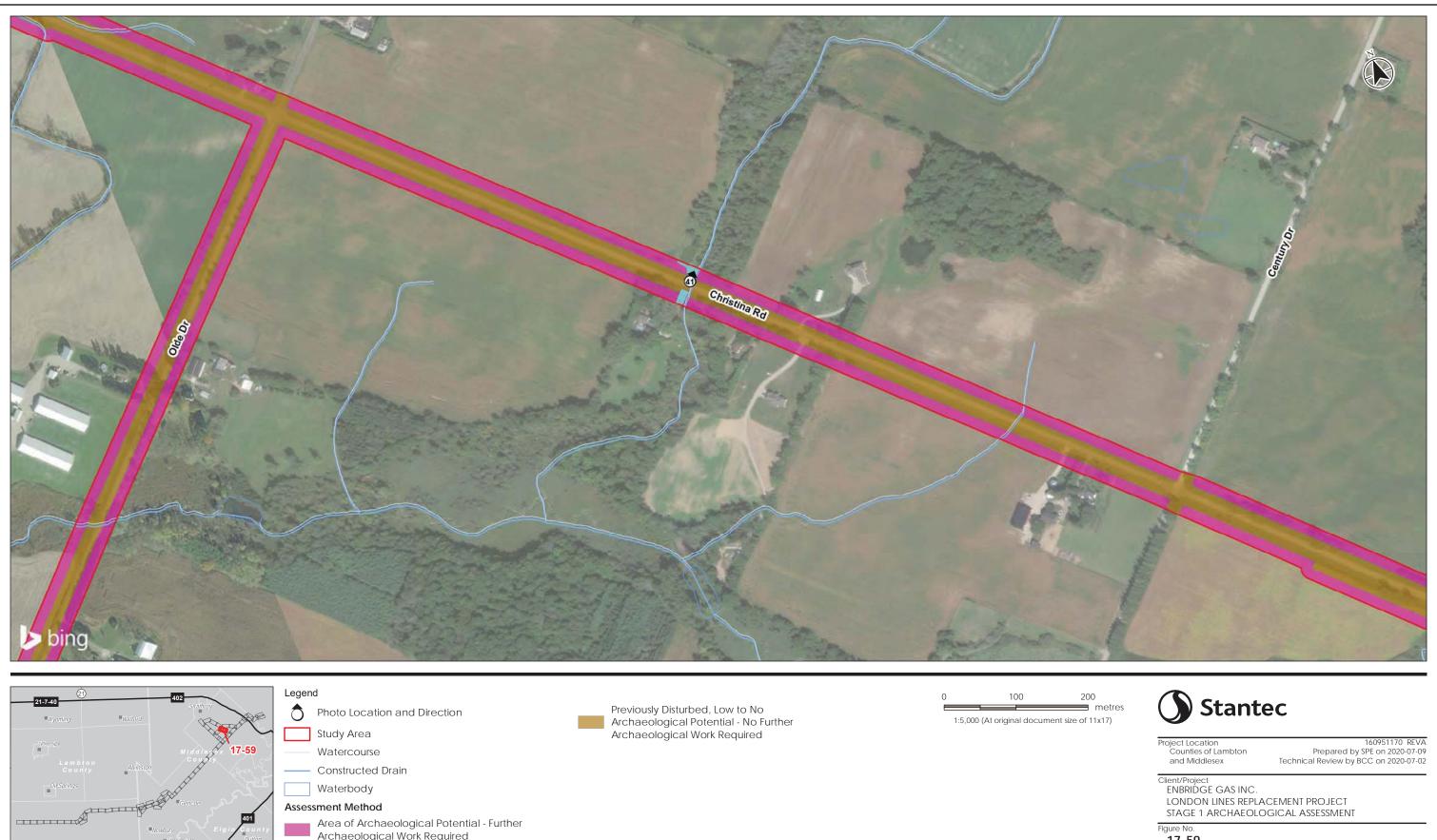
Project Location Counties of Lambton and Middlesex

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STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-58

Results Index - Stage 1 Results



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Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Low and Permanently Wet Area, Low to No Archaeological Potential - No Further Archaeological Work Required

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STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-59

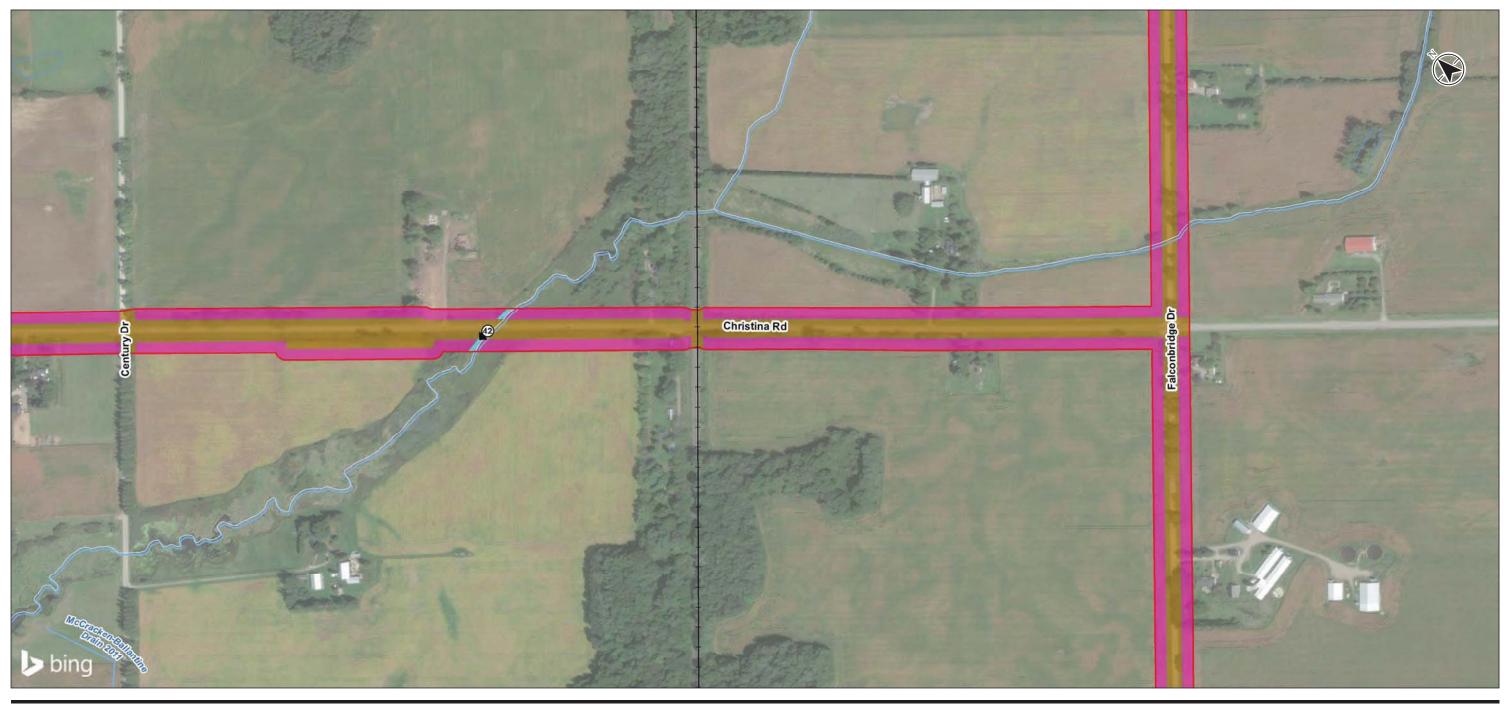




Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Railway - Operational

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Low and Permanently Wet Area, Low to No Archaeological Potential - No Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required





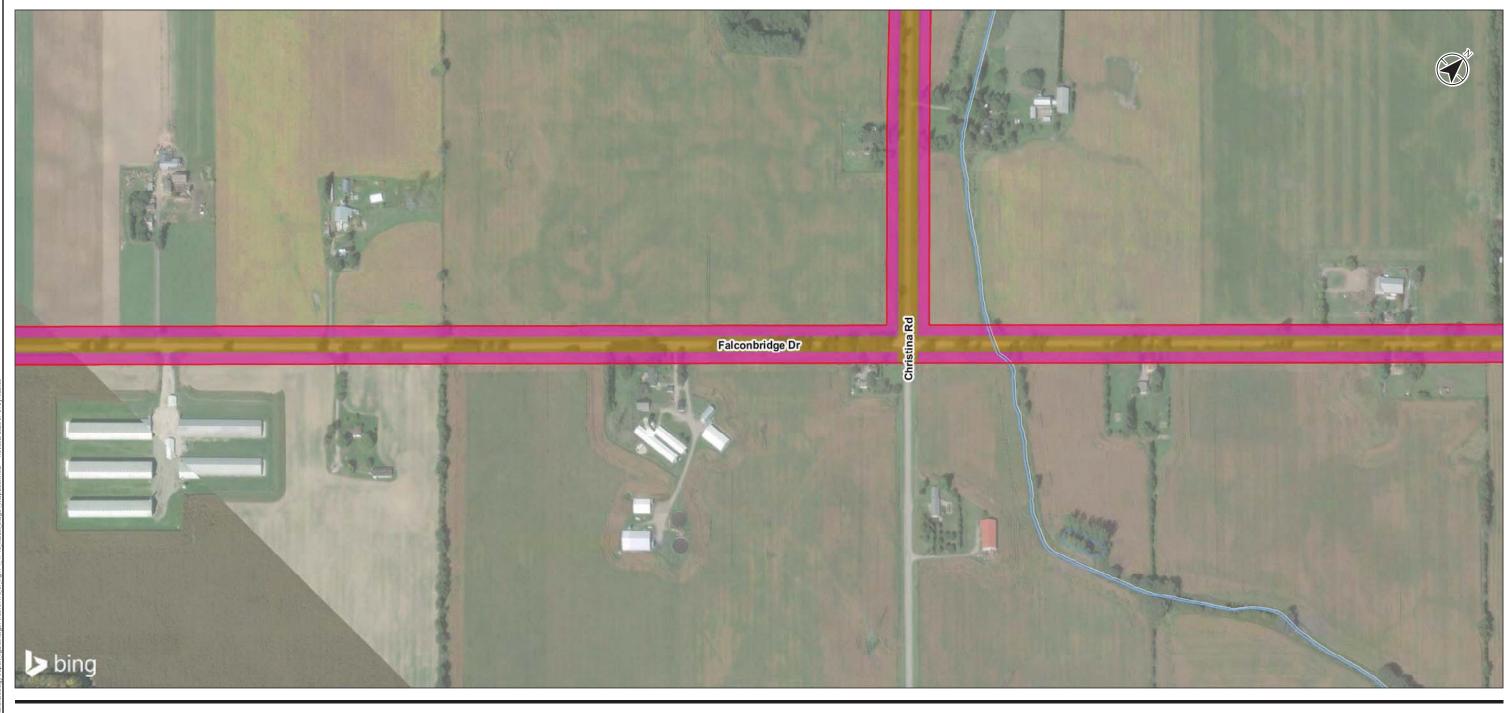
Project Location Counties of Lambton and Middlesex

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Client/Project
ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

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Results Index - Stage 1 Results





Study Area

Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

200 metres 1:5,000 (At original document size of 11x17)

Stantec

Project Location Counties of Lambton and Middlesex

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ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

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Study Area

Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

200 metres 1:5,000 (At original document size of 11x17)

Stantec

Project Location Counties of Lambton and Middlesex

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Client/Project
ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

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Results Index - Stage 1 Results

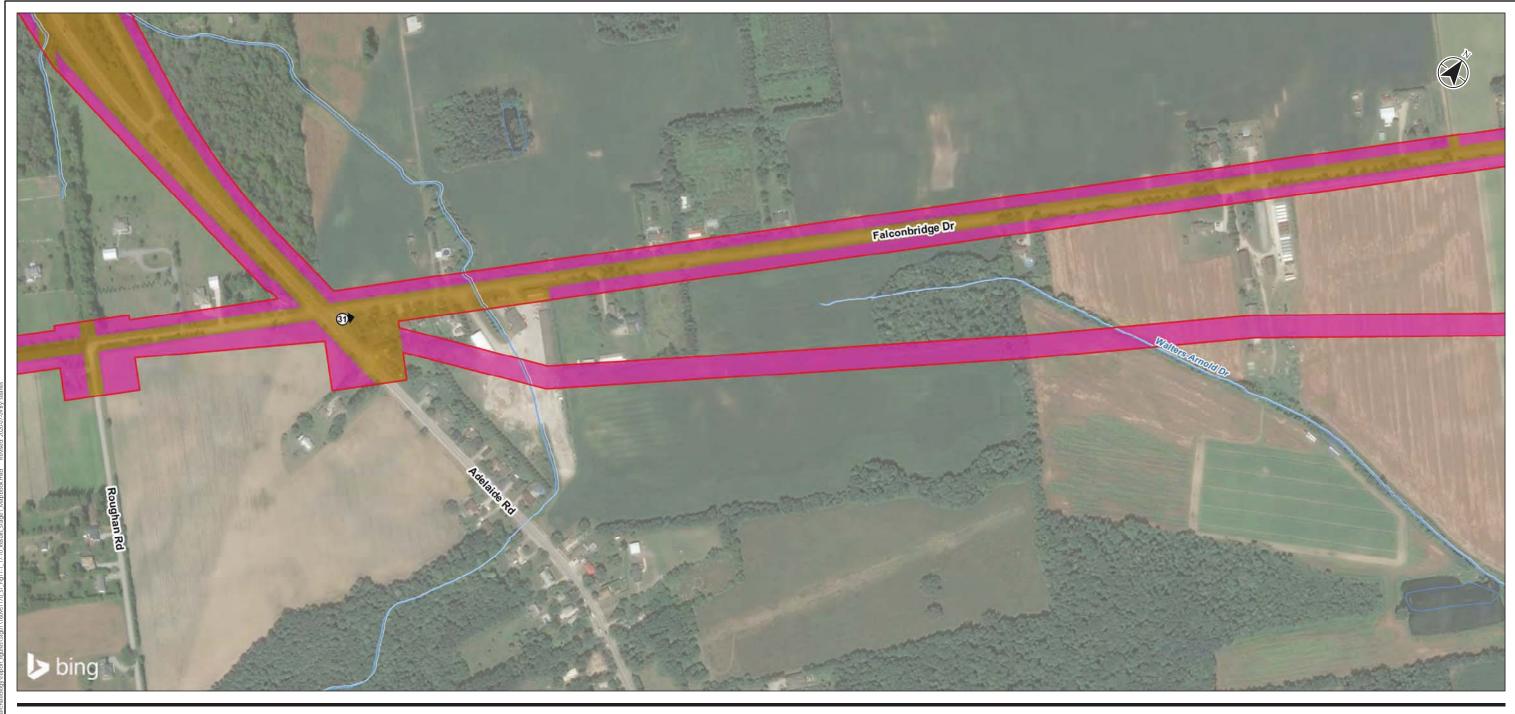




Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further

Archaeological Work Required





Project Location Counties of Lambton and Middlesex

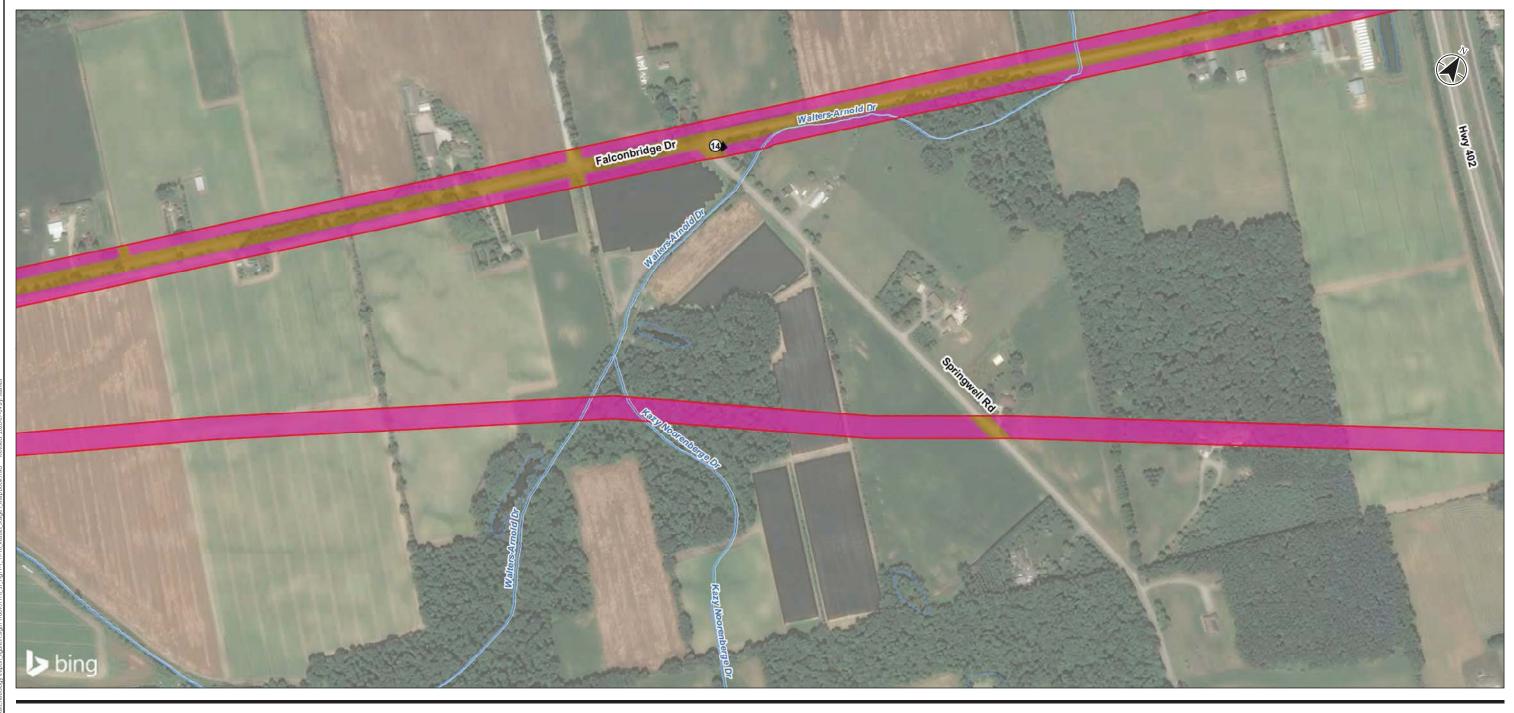
160951170 REVA Prepared by SPE on 2020-07-09 Technical Review by BCC on 2020-07-02

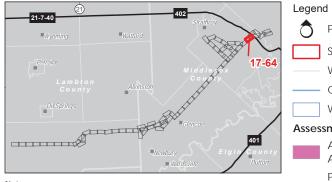
Client/Project
ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

17-63

Results Index - Stage 1 Results





Waterbody **Assessment Method**

Study Area

Watercourse Constructed Drain

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

Photo Location and Direction

1:5,000 (At original document size of 11x17)

Stantec

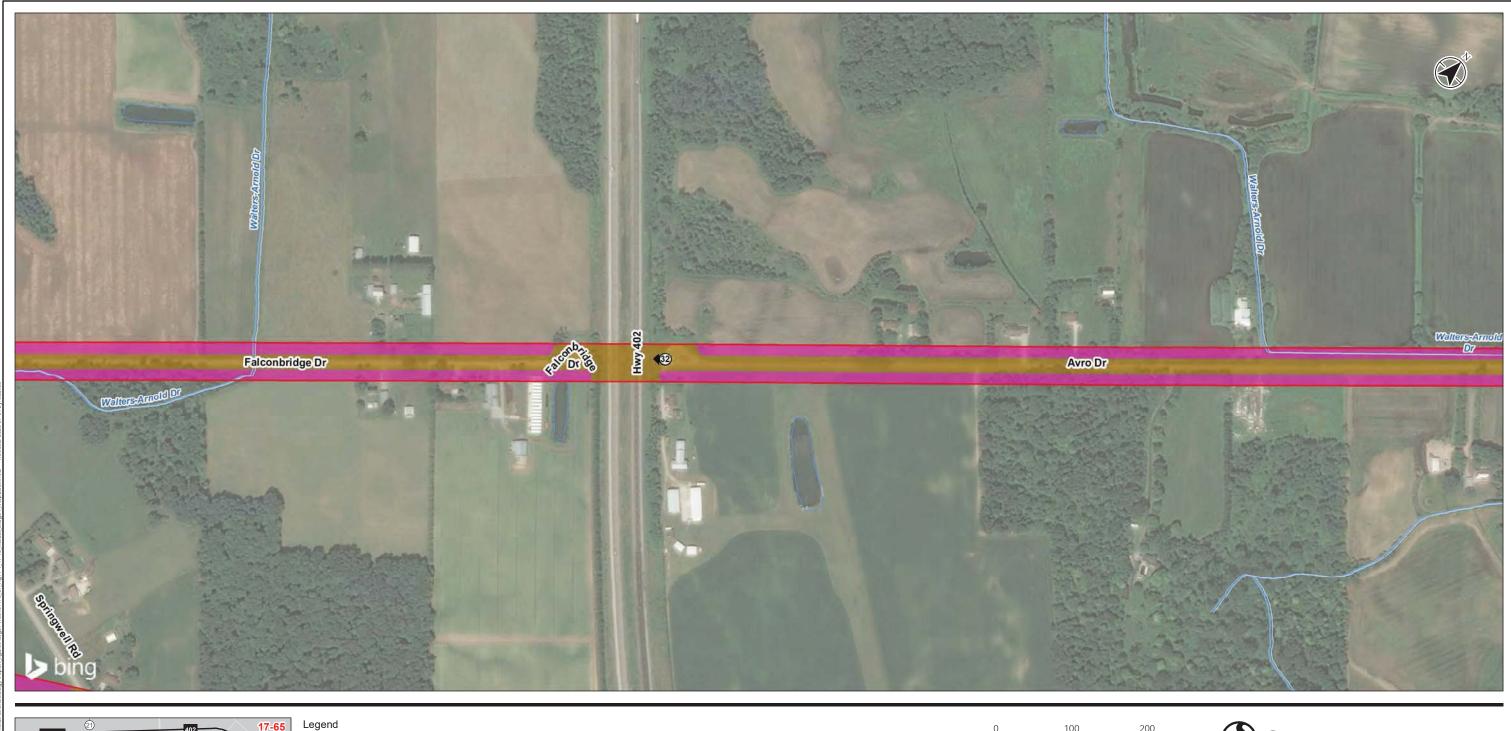
Project Location Counties of Lambton and Middlesex

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LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

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Results Index - Stage 1 Results



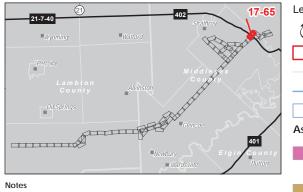


Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further

Archaeological Work Required

1:5,000 (At original document size of 11x17)



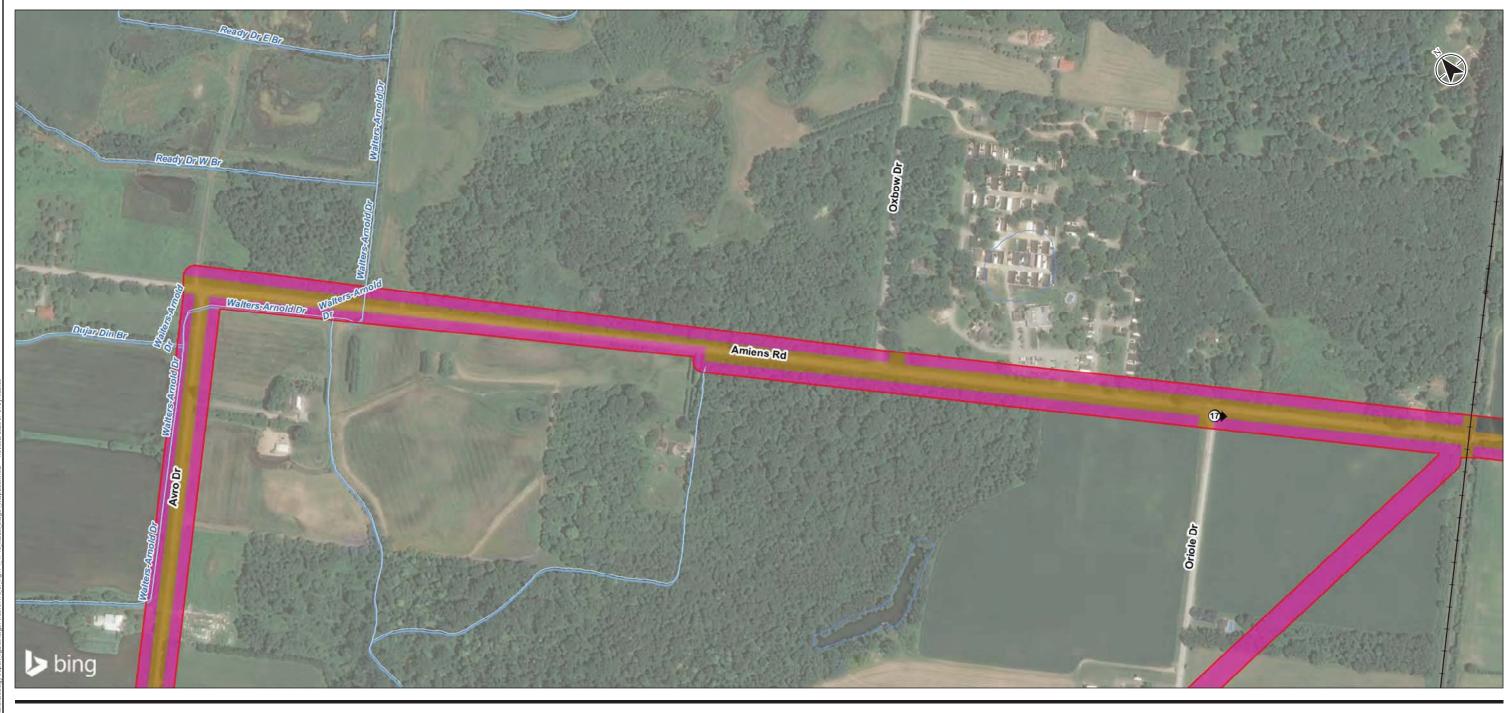
Project Location Counties of Lambton and Middlesex

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Client/Project
ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

17-65

Results Index - Stage 1 Results





Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required 1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2020.
3. Ortholmagery © © 2020 Microsoft Corporation © 2020 Maxar © CNES (2020)

Photo Location and Direction

Study Area

Watercourse Constructed Drain

Waterbody

— Railway - Operational

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

Previously Assessed, No Further Archaeological Work Required (TMHC 2018)



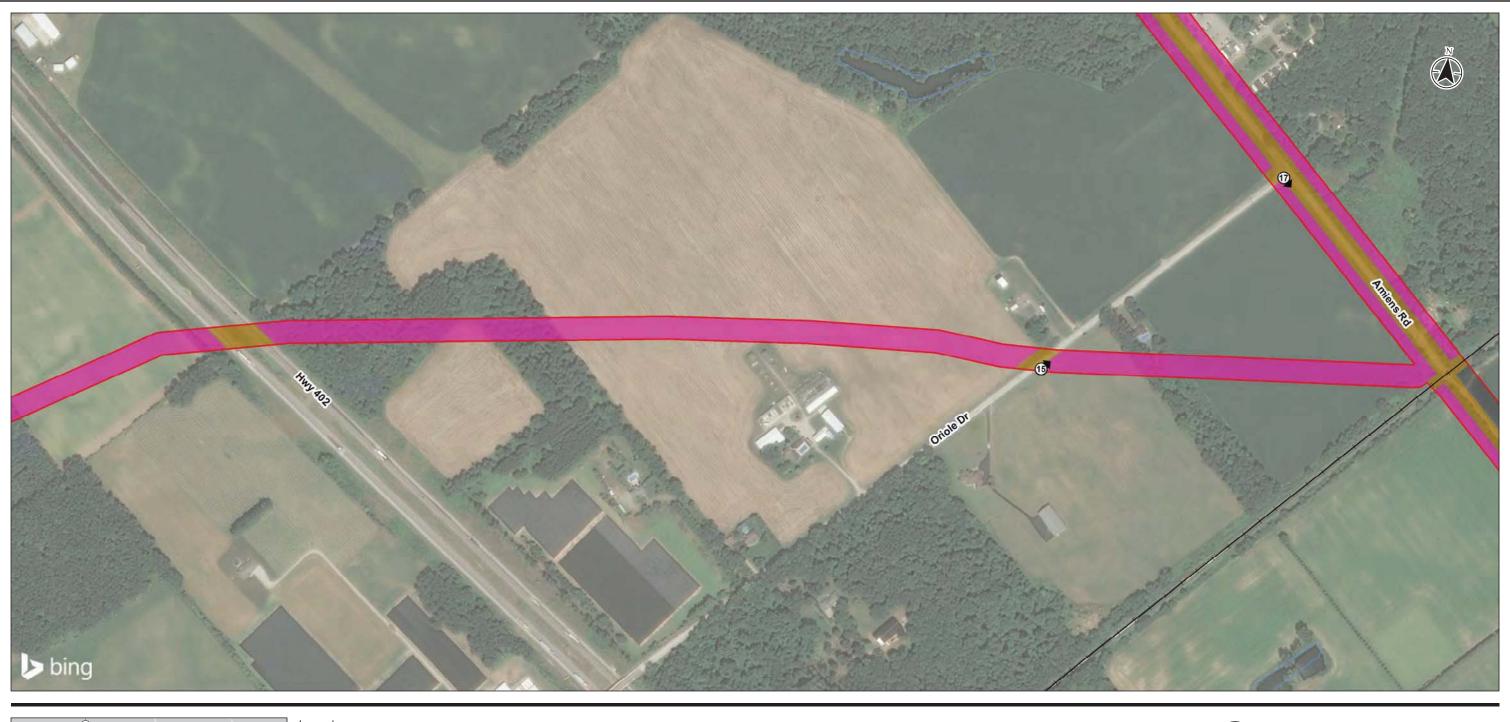


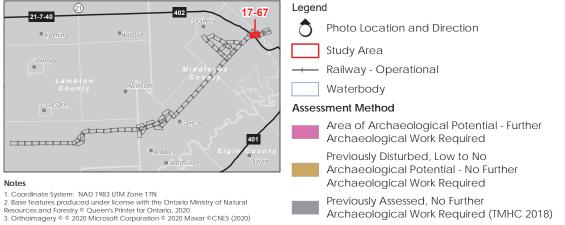
Project Location Counties of Lambton and Middlesex

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ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

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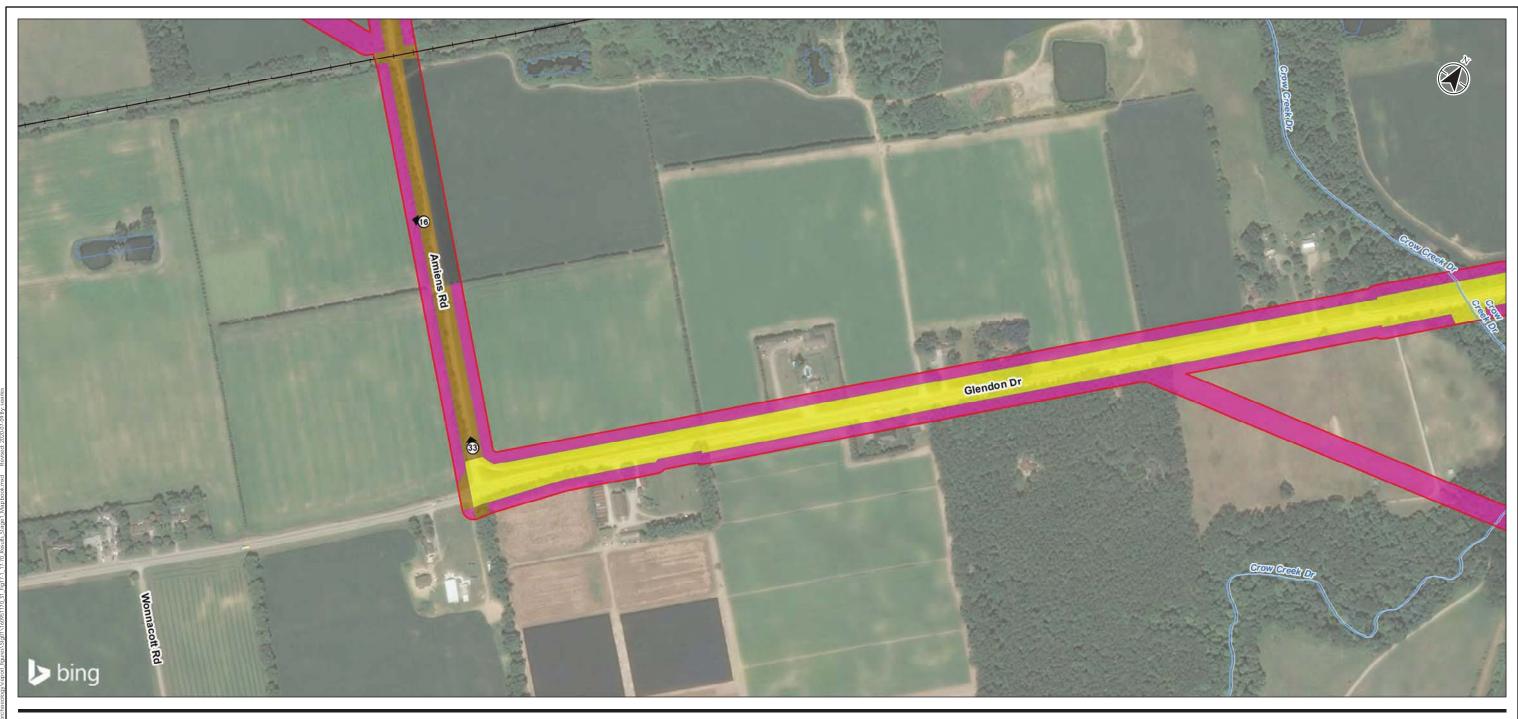
Stantec 1:5,000 (At original document size of 11x17)

Project Location Counties of Lambton and Middlesex

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ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

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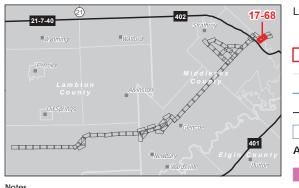


Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Railway - Operational

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

Previously Assessed, No Further Archaeological Work Required (Stantec

Previously Assessed, No Further Archaeological Work Required (TMHC 2018)





Project Location Counties of Lambton and Middlesex

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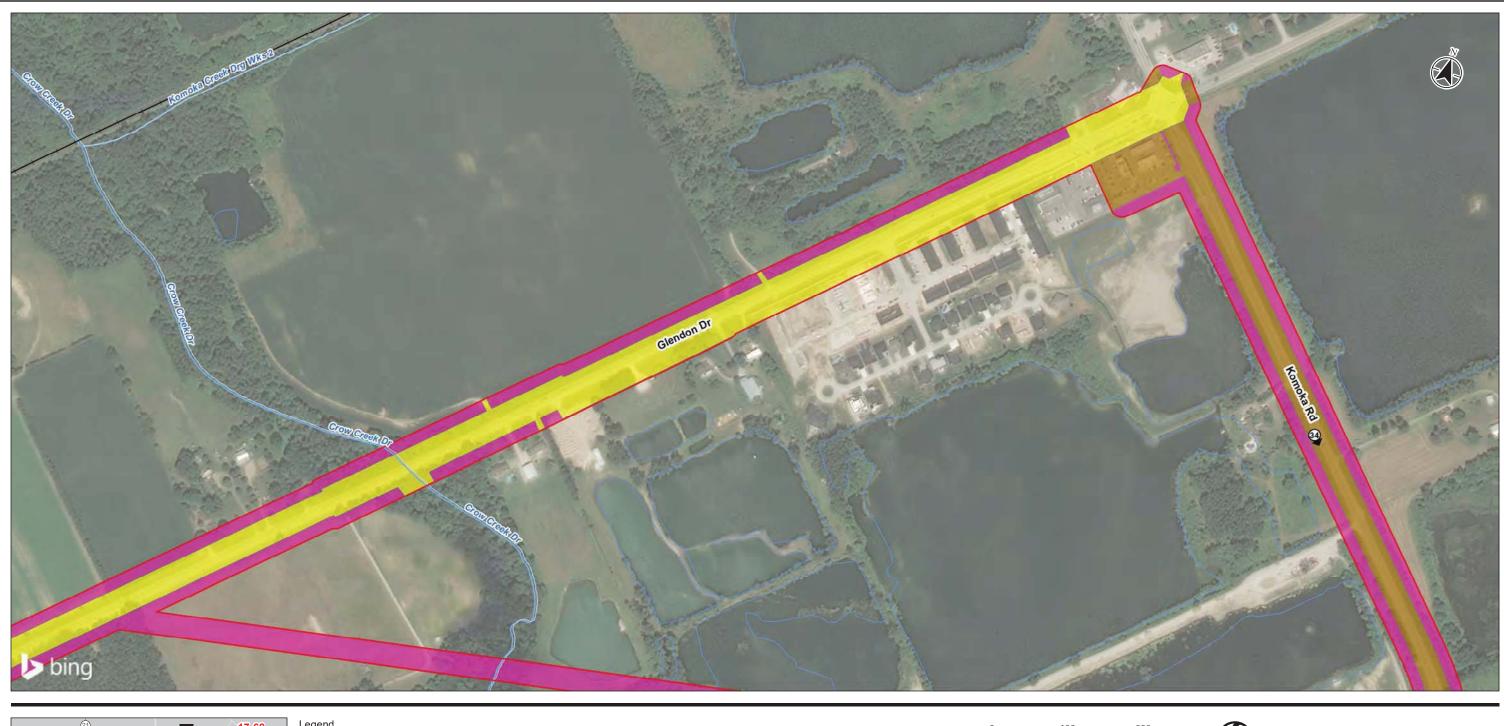
Client/Project ENBRIDGE GAS INC.

LONDON LINES REPLACEMENT PROJECT STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

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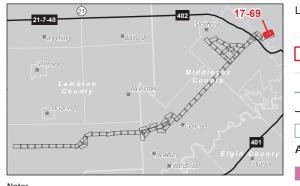


Photo Location and Direction

Study Area

Watercourse

Constructed Drain

Railway - Operational

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

Previously Assessed, No Further Archaeological Work Required (Stantec 2016a)





Project Location Counties of Lambton and Middlesex

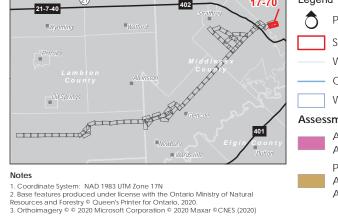
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Client/Project
ENBRIDGE GAS INC.
LONDON LINES REPLACEMENT PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

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Results Index - Stage 1 Results





Watercourse

Constructed Drain

Waterbody

Assessment Method

Area of Archaeological Potential - Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

Previously Assessed, No Further Archaeological Work Required (Stantec 2016a)

Previously Assessed, No Further

Archaeological Work Requires (Stantec 2019a; 2019b; 2019c)

Project Location Counties of Lambton and Middlesex

160951170 REVA Prepared by SPE on 2020-07-09 Technical Review by BCC on 2020-07-02

Client/Project ENBRIDGE GAS INC.

LONDON LINES REPLACEMENT PROJECT STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

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STAGE 1 ARCHAEOLOGICAL ASSESSMENT: LONDON LINES REPLACEMENT PROJECT

Closure July 10, 2020

9.0 CLOSURE

This report documents work that was performed in accordance with generally accepted professional standards at the time and location in which the services were provided. No other representations, warranties or guarantees are made concerning the accuracy or completeness of the data or conclusions contained within this report, including no assurance that this work has uncovered all potential archaeological resources associated with the identified property.

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Quality Review	
Parker Dickson – Associate, Senior Archaeologist	
Independent Review	

Colin Varley - Senior Associate, Senior Archaeologist

