



APPENDIX
Historical Resources

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Statement of Justification for *Historical Resources Act* Requirements for projects other than small-scale oil and gas

This document contains sensitive information about Historic Resources that are protected under provisions of the *Alberta Historical Resources Act*. This information is to be used to assist in planning the proposed project only. It is not to be disseminated, and no copies of this document are to be made without written permission of Historic Resources Management Branch, Alberta Culture and Community Spirit.

Project Name or Project Identifier Range Road 231 Functional Planning Study from Highway 628 to Wye Road		
Disposition Type & Number		
Name: Walt Kowal Corporate name of consulting company: The Archaeology Group Address: 2526 Bell Court S.W. Edmonton, AB T6W 1J8 Phone number: (780) 438-4262 Fax number: (780) 439-4285 E-mail address: w.kowal@shaw.ca		
<b style="color: red;">Name of proponent contact: Transportation Corporate name of proponent: Strathcona County Planning and Engineering Address: 2001 Sherwood Drive Sherwood Park, AB T8A 3W7 <b style="color: red;">Phone number: <b style="color: red;">Fax number: <b style="color: red;">E-mail address:		
Name of agent: Shelly Moulds Corporate name of agent: ISL Engineering and Land Services Ltd. Address: 7909 – 51 Avenue Sherwood Park, AB T6E 5L9 Tel. (780) 438-9000 FAX: (780) 438-3700 E-mail: smoulds@islengineering.com		
Lands Affected		
Legal Description	Identifier	HRV
LSD 16 Section 11-52-23-W4M	N/A	N/A
LSD 13 Section 12-52-23-W4M	N/A	N/A
LSD's 4, 5, 12, 13 Section 13-52-23-W4M	N/A	N/A
LSD 1, 8, 9, 16 Section 14-52-23-W4M	N/A	N/A
LSD 1, 8, 9, 16 Section 23-52-23-W4M	N/A	N/A

LSD's 4, 5, 12, 13 Section 24-52-23-W4M	N/A	N/A
LSD 4 Section 25-53-23-W4M	N/A	N/A
LSD 1 Section 26-53-23-W4M	N/A	N/A N/

Lands Affected 10 ha

Activity type and Anticipated Ground Disturbance

The objective of this study is to develop Functional and Preliminary Design plans for the upgrade of Range Road 231 from Highway 628 to Wye Road in accordance with Strathcona County design standards (Figures 1 and 2).

Existing Disturbance

Existing disturbance is present in the form of roadway construction and landscaping, infrastructure emplacements, and residential construction and landscaping.

Landscape and Environmental Information

The proposed project is located within the Central Parkland Ecoregion. Geology is coarse-grained Glacio-Lacustrine sediment. The terrain along the length of the proposed roadways ranges from flat and featureless to undulating, and the majority of the potential affected lands have been disturbed by previous roadway construction related to previously installed infrastructure, and residential construction. Much of the road right-of-way is lined with aspen forest, while the rest has been landscaped along residential and business properties.

Archaeological Sites in Vicinity = There are 33 previously recorded sites within 3 kilometres of the study area in Borden Blocks FiPh and FjPh (See Figures 3 and 4), and all of these of these have an HRV=0.

Archaeological Sites Impacted = None

Historic Structures in Vicinity = 1 (Smeltzer House in LSD 12-27-52-23-W4M)

Historic Structures Impacted = None

Registered Historic Structures in Vicinity = Smeltzer House in LSD 12-27-52-23-W4M HRV=2

Registered Historic Structures Impacted = None

Previous Permits in Project Vicinity = 77-012, 78-028, 79-011, 79-083, 79-087, 79-057175, 80-03980-062, 92-055, 96-023, 80-062, 82-023, 89-093, 92-055, 0197-061025, 03-071, 04-143, 07-1661-061, 03-071, 06-612, 11-261

Previous Permits in Impact Area = 06-61279-057, 80-062, 82-023, 89-093, 92-055, 01-061, 03-071, 04-143, 07-166

Illustrative Materials

- Figure 1. Map showing the proposed project location (after 1:50,000 NTS Maps 83 H/6 – Cooking Lake and 83 H/11 – Edmonton).
- Figure 2. Satellite photo showing the project area.
- Figure 3. Map showing the location of previously recorded Historical Resources sites in the project vicinity (after 1:50,000 NTS Maps 83 H/6 – Cooking Lake and 83 H/11 – Edmonton).
- Figure 4. Map showing the location of previous Historical Resources Impact Assessments in the project vicinity (shaded turquoise) (after 1:50,000 NTS Maps 83 H/6 – Cooking Lake and 83 H/11 – Edmonton).

Evaluation

The terrain within the proposed project development area ranges from flat and featureless to undulating. Aspen forest is found along much of the road right-of-way while landscaping has occurred along the side of the right-of-way where residences and businesses lie close to the roadway. The present road right-of-way is approximately 20 metres wide, and any planned intersections along the Range Road 231 will not require significant amounts of new lands along Range Road 231. Any road widening will impact only narrow strips of land along each side of the road, and none of these lands are considered to have high archaeological potential.

Thirty-three archaeological sites were previously recorded within 3 kilometres of the project area, and more are located within 5 kilometres (Figure 3), all of the 33 sites have been given an HRV=0. No further work was recommended for the sites due to lack of historical resource information potential or due to the disturbed nature of the site areas. An HRIA had been done for Township Road 628 under Permit 06-612 which included the area around the intersection of Township Road 628/Range Road 231, and no Historical Resources sites were found in this intersection area.

Due to the extensive previous disturbance along the road right-of-way along the roadway, and the lack of features commonly associated with archaeological sites in the area, it appears there is low potential for the discovery of intact, previously unrecorded heritage resources sites within the proposed project area, and no further archaeological assessment work appears warranted for the proposed project.

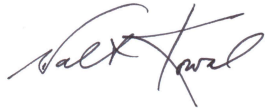
Recommendations (Recommendations regarding archaeological resources must be made by a professional archaeologist.)

The proposed project area is flat or undulating and is featureless, and it has been previously

disturbed by existing roadway construction.

Due to this previous disturbance the project area is considered to have low potential for the discovery of intact, previously unrecorded heritage resources within the proposed project area, and **no further** Historical Resources Assessment work is recommended for the proposed Functional Planning area for Road 231 in Strathcona County from Wye Road to Highway 628.

Recommendations made by:



Walt Kowal

Date: September 24, 2017

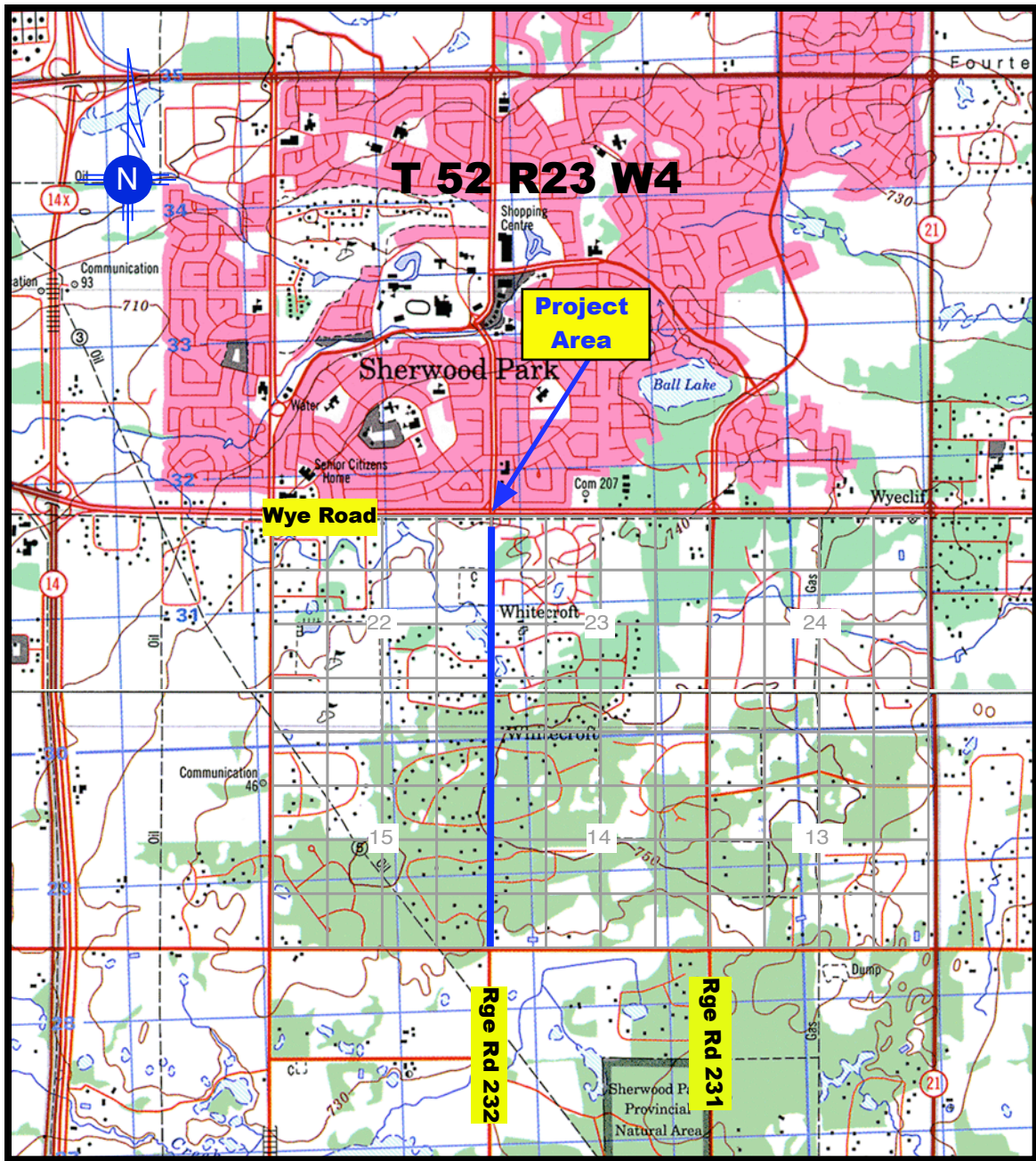


Figure 1. Map showing the proposed project location (after 1:50,000 NTS Maps 83 H/6 – Cooking Lake and 83 H/11 – Edmonton).

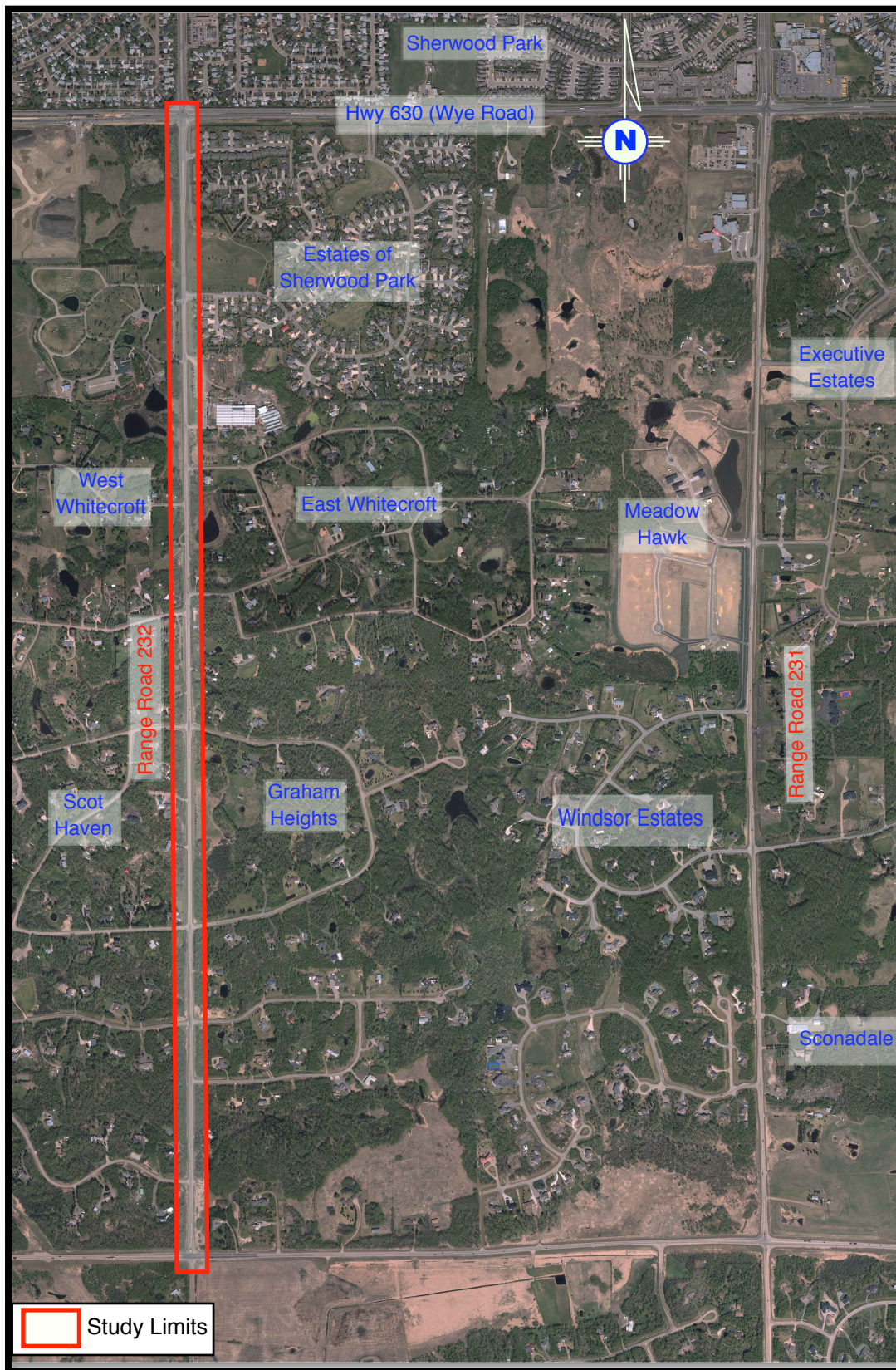


Figure 2. Satellite photo showing the Range Road 231 project area.

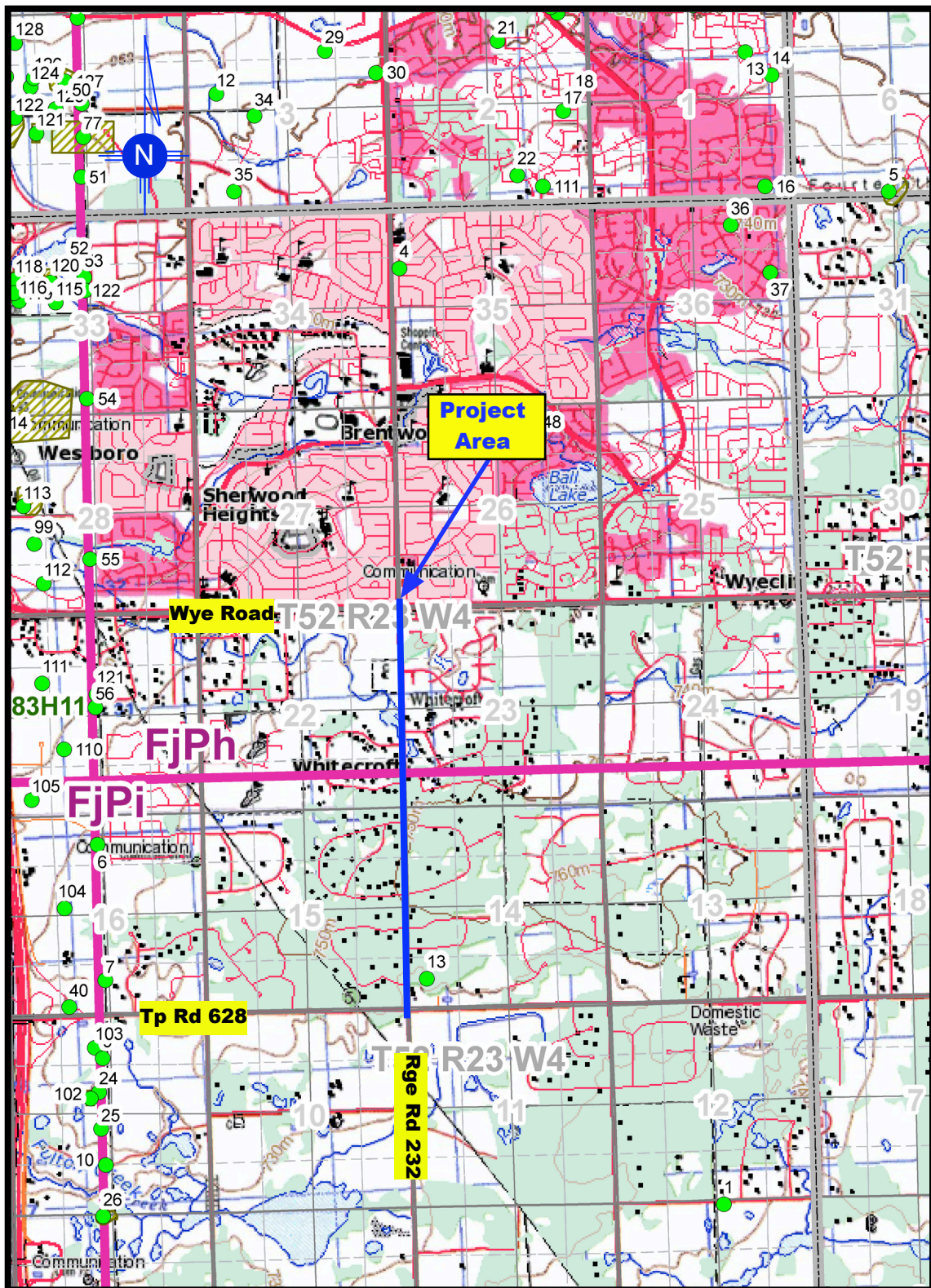
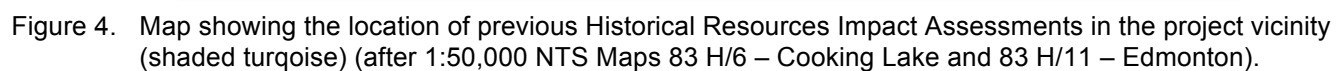


Figure 3. Map showing the location of previously recorded Historical Resources sites in the project vicinity (after 1:50,000 NTS Maps 83 H/6 – Cooking Lake and 83 H/11 – Edmonton).



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Project Name or Project Identifier Range Road 232 Functional Planning Study from Highway 628 to Wye Road		
Disposition Type & Number		
Name: Walt Kowal Corporate name of consulting company: The Archaeology Group Address: 2526 Bell Court S.W. Edmonton, AB T6W 1J8 Phone number: (780) 438-4262 Fax number: (780) 439-4285 E-mail address: w.kowal@shaw.ca		
<b style="color: red;">Name of proponent contact: Transportation Corporate name of proponent: Strathcona County Planning and Engineering Address: 2001 Sherwood Drive Sherwood Park, AB T8A 3W7 <b style="color: red;">Phone number: <b style="color: red;">Fax number: <b style="color: red;">E-mail address:		
Name of agent: Shelly Moulds Corporate name of agent: ISL Engineering and Land Services Ltd. Address: 7909 – 51 Avenue Sherwood Park, AB T6E 5L9 Tel. (780) 438-9000 FAX: (780) 438-3700 E-mail: smoulds@islengineering.com		
Lands Affected		
Legal Description	Identifier	HRV
LSD 16 Section 10-52-23-W4M	N/A	N/A
LSD 13 Section 11-52-23-W4M	N/A	N/A
LSD's 4, 5, 12, 13 Section 14-52-23-W4M	N/A	N/A
LSD 1, 8, 9, 16 Section 15-52-23-W4M	N/A	N/A
LSD 1, 8, 9, 16 Section 22-52-23-W4M	N/A	N/A

LSD's 4, 5, 12, 13 Section 23-52-23-W4M	N/A	N/A
LSD's 4, 5, 12, 13 Section 24-52-23-W4M	N/A	N/A
LSD 4 Section 26-53-23-W4M	N/A	N/A
LSD 1 Section 27-53-23-W4M	N/A	N/A

Lands Affected 10 ha

Activity type and Anticipated Ground Disturbance

The objective of this study is to develop Functional and Preliminary Design plans for the upgrade of Range Road 232 from Highway 628 to Wye Road in accordance with Strathcona County design standards (Figures 1 and 2).

Existing Disturbance

Existing disturbance is present in the form of roadway construction and landscaping, infrastructure emplacements, and residential construction and landscaping.

Landscape and Environmental Information

The proposed project is located within the Central Parkland Ecoregion. Geology is coarse-grained Glacio-Lacustrine sediment. The terrain along the length of the proposed roadways ranges from flat and featureless to undulating, and the majority of the potential affected lands have been disturbed by previous roadway construction related to previously installed infrastructure, and residential construction. Much of the road right-of-way is lined with aspen forest, while the rest has been landscaped along residential and business properties.

Archaeological Sites in Vicinity = There are 33 previously recorded sites within 3 kilometres of the study area in Borden Blocks FiPh and FjPh, and one of these FjPi-13 is within 200 metres of Range Road 232 (See Figures 3 and 4), and all of these of these have an HRV=0.

Archaeological Sites Impacted = None

Historic Structures in Vicinity = 1 (Smeltzer House in LSD 12-27-52-23-W4M)

Historic Structures Impacted = None

Registered Historic Structures in Vicinity = Smeltzer House in LSD 12-27-52-23-W4M HRV=2

Registered Historic Structures Impacted = None

Previous Permits in Project Vicinity = = 77-012, 78-028, 79-011, 79-083, 79-087, 79-057175, 80-03980-062, 92-055, 96-023, 80-062, 82-023, 89-093, 92-055, 0197-061025, 03-071, 04-143, 07-1661-061, 03-071, 06-612, 11-261

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Illustrative Materials

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- Figure 4. Map showing the location of previous Historical Resources Impact Assessments in the project vicinity (shaded turquoise) (after 1:50,000 NTS Maps 83 H/6 – Cooking Lake and 83 H/11 – Edmonton).

Evaluation

The terrain within the proposed project development area ranges from flat and featureless to undulating. Aspen forest is found along much of the road right-of-way while landscaping has occurred along the side of the right-of-way where residences and businesses lie close to the roadway. The present road right-of-way is approximately 20 metres wide, and any planned intersections along the Range Road 232 will not require significant amounts of new lands along Range Road 232. Any road widening will impact only narrow strips of land along each side of the road, and none of these lands are considered to have high archaeological potential.

Thirty-three archaeological sites were previously recorded within 3 kilometres of the project area, and more are located within 5 kilometres (Figure 3), all of the 33 sites have been given an HRV=0. No further work was recommended for the sites due to lack of historical resource information potential or due to the disturbed nature of the site areas. An HRIA had been done for Township Road 628 under Permit 06-612 which included the area around the intersection of Township Road 628/Range Road 232, and no Historical Resources sites were found in this intersection area.

There are two natural ponds surrounded by poorly-drained grassy areas (in LSD's 1 and 8-22-52-24-W4M and LSD 4-23-52-23-W4M), but neither of these will be impacted by the proposed Range Road 232 development.

Due to the extensive previous disturbance along the road right-of-way along the roadway, and the lack of features commonly associated with archaeological sites in the area, it appears there is low potential for the discovery of intact, previously unrecorded heritage resources sites within the proposed project area, and no further archaeological assessment work appears warranted for the proposed project.

Recommendations (*Recommendations regarding archaeological resources must be made by a professional archaeologist.*)

The proposed project area is flat or undulating and is featureless, and it has been previously disturbed by existing roadway construction.

Due to this previous disturbance the project area is considered to have low potential for the discovery of intact, previously unrecorded heritage resources within the proposed project area, and **no further** Historical Resources Assessment work is recommended for the proposed Functional Planning area for Road 232 in Strathcona County from Wye Road to Highway 628.

Recommendations made by:

A handwritten signature in black ink, appearing to read "Walt Kowal", is centered in the signature box.

Walt Kowal

Date: September 24, 2017

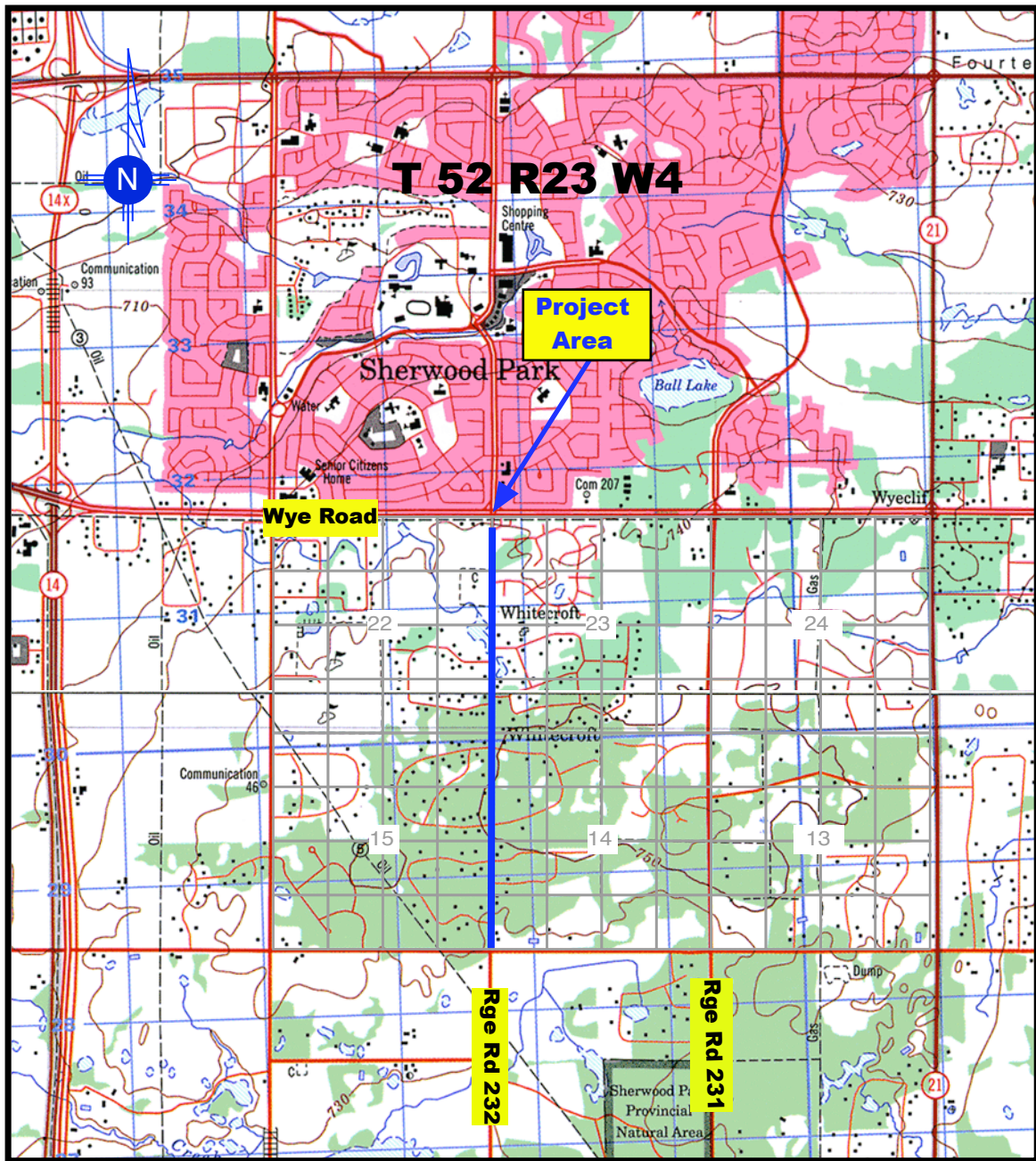


Figure 1. Map showing the proposed project location (after 1:50,000 NTS Maps 83 H/6 – Cooking Lake and 83 H/11 – Edmonton).

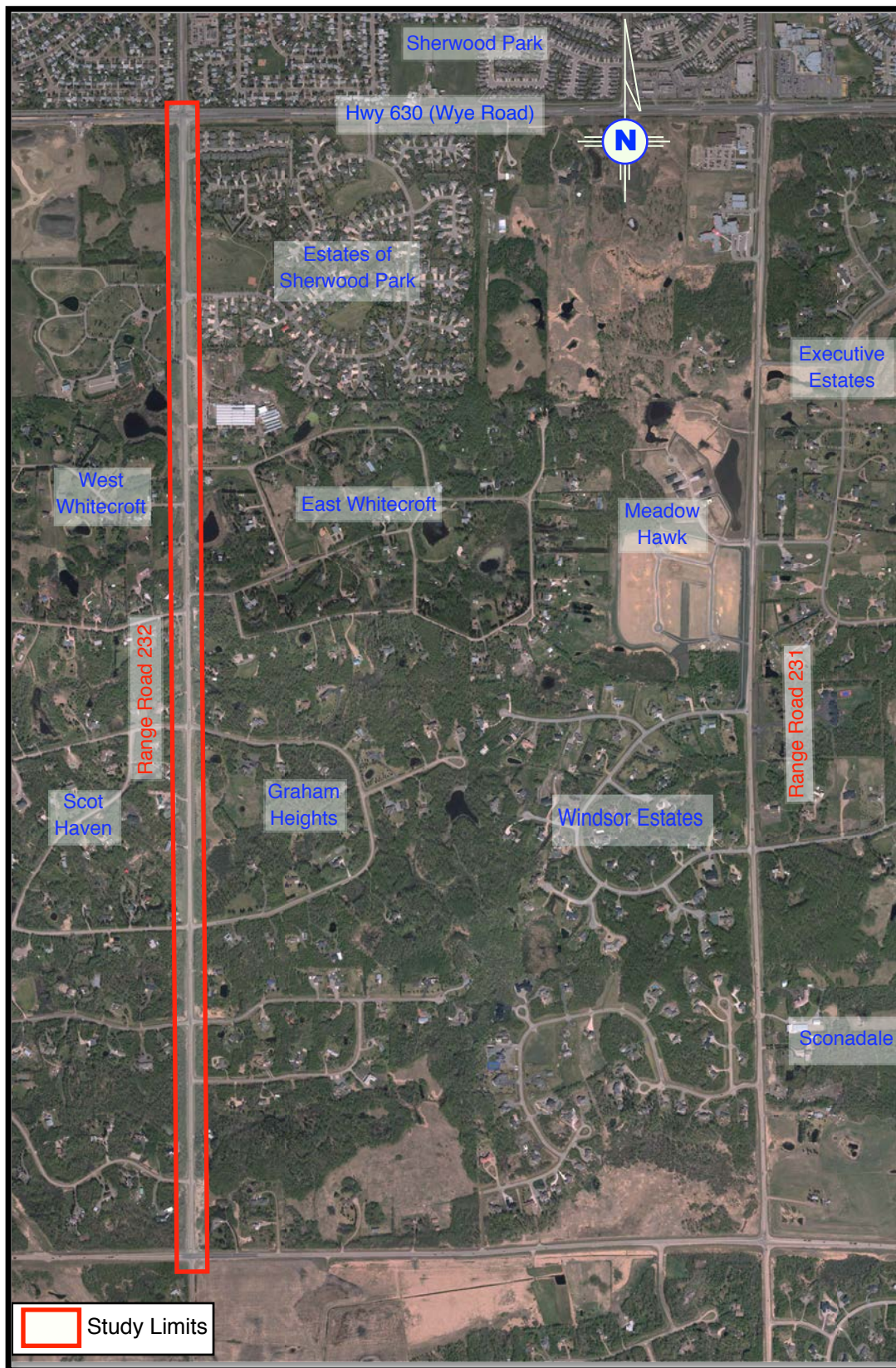


Figure 2. Satellite photo showing the Range Road 232 project area.

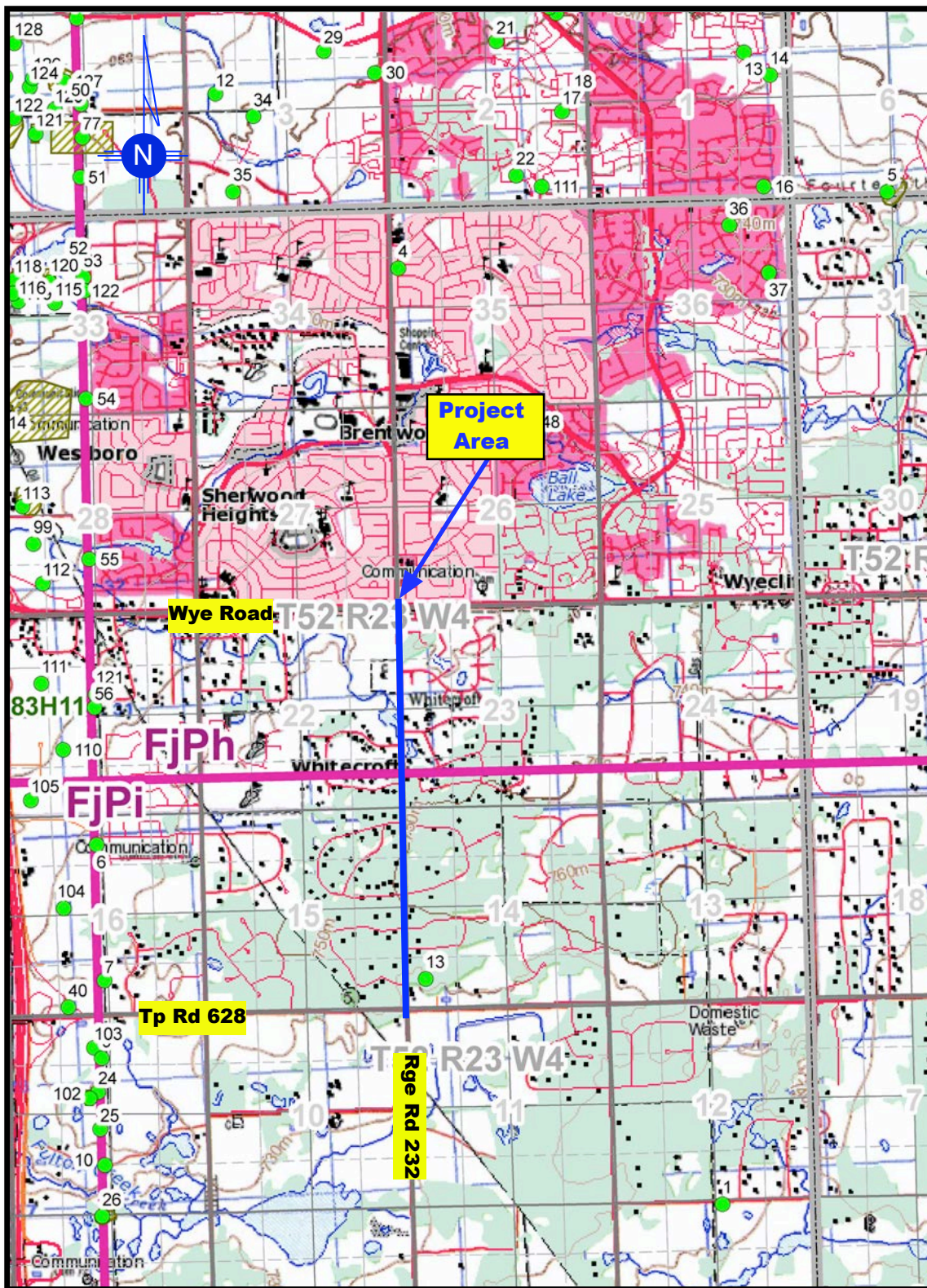


Figure 3. Map showing the location of previously recorded Historical Resources sites in the project vicinity (after 1:50,000 NTS Maps 83 H/6 – Cooking Lake and 83 H/11 – Edmonton).

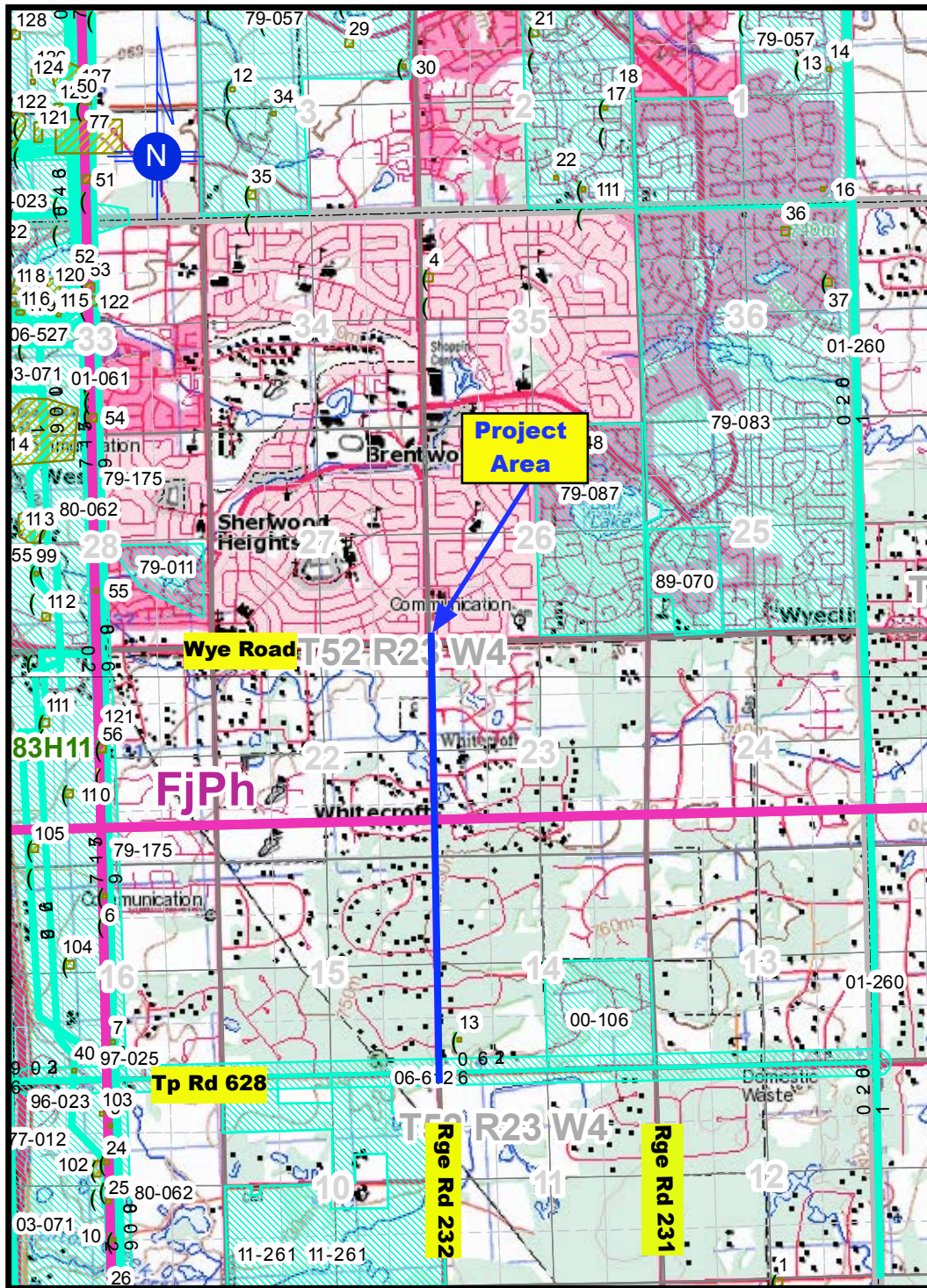


Figure 4. Map showing the location of previous Historical Resources Impact Assessments in the project vicinity (shaded turquoise) (after 1:50,000 NTS Maps 83 H/6 – Cooking Lake and 83 H/11 – Edmonton).

Historical Resources Act Approval

Proponent: Strathcona County
2001 Sherwood Drive, Sherwood Park, AB T8A 2W7

Contact: Mr. Tony Maghee

Agent: The Archaeology Group

Contact: Walt Kowal

Project Name: Range Road 231 Functional Planning Study from Highway 628 to Wye Road

Project Components: Municipal Road

Application Purpose: Requesting HRA Approval / Requirements

Historical Resources Act approval is granted for the activities described in this application and its attached plan(s)/sketch(es) subject to Section 31, "a person who discovers an historic resource in the course of making an excavation for a purpose other than for the purpose of seeking historic resources shall forthwith notify the Minister of the discovery." The chance discovery of historical resources is to be reported to the contacts identified within [Standard Requirements under the Historical Resources Act: Reporting the Discovery of Historic Resources](#).



Pauline Bodevin
Regulatory Approvals Coordinator

Lands Affected: Additional Lands

Proposed Development Area:

MER	RGE	TWP	SEC	LSD List
4	23	52	13	4,5,12,13
4	23	52	23	1,8,9,16
4	23	52	11	16
4	23	52	12	13
4	23	52	24	4,5,12,13
4	23	52	14	1,8,9,16
4	23	52	25	4
4	23	52	26	1

Documents Attached:

(continued)

Document Name	Document Type
RR 231 Project Maps	Illustrative Material

Historical Resources Act Approval

Proponent: Strathcona County
2001 Sherwood Drive, Sherwood Park, AB T8A 2W7

Contact: Mr. Tony Maghee

Agent: The Archaeology Group

Contact: Walt Kowal

Project Name: Range Road 232 Functional Planning Study from Highway 628 to Wye Road

Project Components: Municipal Road

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Pauline Bodevin
Regulatory Approvals Coordinator

Lands Affected: Additional Lands

Proposed Development Area:

MER	RGE	TWP	SEC	LSD List
4	23	52	14	4,5,12,13
4	23	52	22	1,8,9,16
4	23	52	10	16
4	23	52	11	13
4	23	52	23	4,5,12,13
4	23	52	15	1,8,9,16
4	23	52	26	4
4	23	52	27	1

Documents Attached:

(continued)

Document Name	Document Type
RR 232 Project Maps	Illustrative Material

Historical Resources Act Approval

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2001 Sherwood Drive, Sherwood Park, AB T8A 2W7

Contact: Mr. Tony Maghee

Agent: The Archaeology Group

Contact: Walt Kowal

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Pauline Bodevin
Regulatory Approvals Coordinator

Lands Affected: Additional Lands

Proposed Development Area:

MER	RGE	TWP	SEC	LSD List
4	23	52	13	4,5,12,13
4	23	52	23	1,8,9,16
4	23	52	11	16
4	23	52	12	13
4	23	52	24	4,5,12,13
4	23	52	14	1,8,9,16
4	23	52	25	4
4	23	52	26	1

Documents Attached:

(continued)

Document Name	Document Type
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2001 Sherwood Drive, Sherwood Park, AB T8A 2W7

Contact: Mr. Tony Maghee

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Pauline Bodevin
Regulatory Approvals Coordinator

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MER	RGE	TWP	SEC	LSD List
4	23	52	14	4,5,12,13
4	23	52	22	1,8,9,16
4	23	52	10	16
4	23	52	11	13
4	23	52	23	4,5,12,13
4	23	52	15	1,8,9,16
4	23	52	26	4
4	23	52	27	1

Documents Attached:

(continued)

Document Name	Document Type
RR 232 Project Maps	Illustrative Material