

# APPENDIX G

## Historical Resources Overview Documentation



## 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.

<b>Project Name or Project Identifier</b> 17 Street Upgrade from Whitemud Drive to Knightsbridge Road (105 Ave.) Planning and Design Study		
<b>Disposition Type &amp; Number</b> Name: Walt Kowal Corporate name of consulting company: The Archaeology Group Phone number: (780) 438-4262 Fax number: (780) 439-4285 E-mail address: w.kowal@shaw.ca		
Name of proponent contact: Natalie Lazurko Corporate name of proponent: Transportation Services Department, City of Edmonton Address: 12 <sup>th</sup> Floor, 9803 – 102A Avenue Edmonton, T5J 3A3 Phone number: (780) 442-4529 Fax number: (780) 496-4287 E-mail address: Natalie.lazurko@edmonton.ca		
Name of agent: Ryan Betker Corporate name of proponent: <b>McElhanney Consulting Services Ltd.</b> Address: 14904 121A Avenue Edmonton, AB T5V 1A3 Phone number: (780) 809-3200 Fax number: (780) 809-3212 E-mail address: rbetker@mcelhanney.com		
<b>Lands Affected</b>		
<b>Legal Description</b>	<b>HRV</b>	<b>Identifier</b>
LSD's 4, 5, 12, & 13 Section 17-52-23-W4M	N/A	N/A
LSD's 1, 8, 9, & 16 Section 18-52-23-W4M	N/A	N/A
LSD's 1, 8, 9, & 16 Section 19-52-23-W4M	N/A	N/A
LSD's 4, 5, 12, & 13 Section 20-52-23-W4M	N/A	N/A
LSD's 4, 5, 12, & 13 Section 29-52-23-W4M	N/A	N/A
LSD's 1, 8, 9, & 16 Section 30-52-23-W4M	N/A	N/A
LSD's 1, 8, 9, & 16 Section 31-52-23-W4M	N/A	N/A
LSD's 4, 5, 12, & 13 Section 32-52-23-W4M	N/A	N/A
LSD's 4 & 5 Section 5-53-23-W4M	N/A	N/A
LSD's 1 & 8 Section 6-53-23-W4M	N/A	N/A

### Activity type and Anticipated Ground Disturbance

The proposed project is for the upgrading of 17<sup>th</sup> Street from Whitemud Drive to Knightsbridge Road a distance of approximately 7.25 kilometres, in the City of Edmonton (Figures 1 to 4). The new construction will require expanding the existing right-of-way and new lands will be required for this right-of-way expansion.

### Project size

The 17 Street project is approximately 7.25 km in length and it is anticipated that less than approximately 15 ha of lands will be affected.

### Existing Disturbance

Existing disturbance is present in the form of pre-existing roadways, industrial construction, infrastructure construction, agricultural activity, farmsteads, and landscaping.

### Landscape and Environmental Information

Aspen Parkland Ecoregion. Till Blanket sediment: thick and continuous till, and fine grained (Glacio) lacustrine sediment: silt and clay, containing stones and deposited as quiet water sediments, cultivated land, small patches of forested land, and some urban areas. The project area ranges from flat to rolling and except for a crossing at Fulton Creek in Sections 17 and 18 no other hydrologic feature is present in the right-of-way.

Archaeological Sites in Vicinity = FiPi-13, FiPi-14, FiPi-111, FjPi-4, FjPi-51, FjPi-95, FjPi-96, FjPi-97

Archaeological Sites Impacted = None

Historic Structures in Vicinity = None

Historic Structures Impacted = None

Registered Historic Structures in Vicinity = None

Registered Historic Structures Impacted = None

Previous Permits in Impact Area = 79-039, 89-093, 09-189, 111-224

Previous Permits in Vicinity: 79-039, 89-093, 05-166, 09-189, 111-224

### Illustrative Materials

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

Figure 2: Map showing the project location and the location of previously recorded Historical Resources sites in the project vicinity (after 1:50,000 NTS Map 83 H/6 – Cooking Lake).

Figure 3: Map showing the project location and the location of previously conducted HRIA surveys and previously recorded Historical Resources sites within and in the vicinity of the southern end of the 17 Street project (after 1:50,000 NTS Map 83 H/6 – Cooking Lake).

Figure 4: Map showing the project location and the location of previously conducted HRIA surveys and previously recorded Historical Resources sites within and in the vicinity of the northern end of the 17 Street project (after 1:50,000 NTS Map 83 H/6 – Cooking Lake).

## Evaluation

A total of 8 archaeological sites have been previously recorded in the immediate vicinity of the project area, however, no known sites are located within the project impact zone (see Figures 2, 3, and 4). All of the located archaeological sites were found in cultivated fields. In the case of each site, the artifacts found were in a disturbed context, no significant historical remains were found, no palaeontological materials were found, and none of the located sites were considered significant and no further work was recommended for any of these sites.

Most of the proposed new right-of-way lands have been cultivated for much of the last century, and some have since been disturbed further by business development, infrastructure emplacement, or road construction.

The only significant hydrologic feature within the project area is Fulton Creek which crosses 17 Street in LSD 12-17-52-23-W4M and LSD 9-18-52-23-W4M. The Fulton Creek crossing was the only area considered to have any potential for undisturbed archaeological sites, but an HRIA survey was conducted of the creek area under Permit 09-189, and no sites were found along its margins within the project area at the 17 Street crossing.

Further, other segments of the 17 Street alignment margins were surveyed under Permits 79-039, 89-093, and 111-224, and no sites were found in these areas.

The previously disturbed nature of the study area lands suggest that there is little potential for finding undisturbed historical resources sites and no further Historical Resources work is considered warranted for this study area.

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

The proposed *17 Street upgrade project* generally follows previously developed roadways and utility corridors. No previously recorded historic or archaeological sites will be disturbed by the development. Due to intensive previous ground disturbance due to sustained agricultural activity, industrial development, road construction, and other infrastructure emplacements, this right-of-way area is considered to have low potential for the discovery of intact, previously unrecorded heritage resources, and **no further work is recommended for the 17 Street Upgrade from Whitemud Drive to Knightsbridge Road (105 Ave.) Planning and Design Study area.**

Recommendations made by:



Walt Kowal

Date:

July 30, 2012

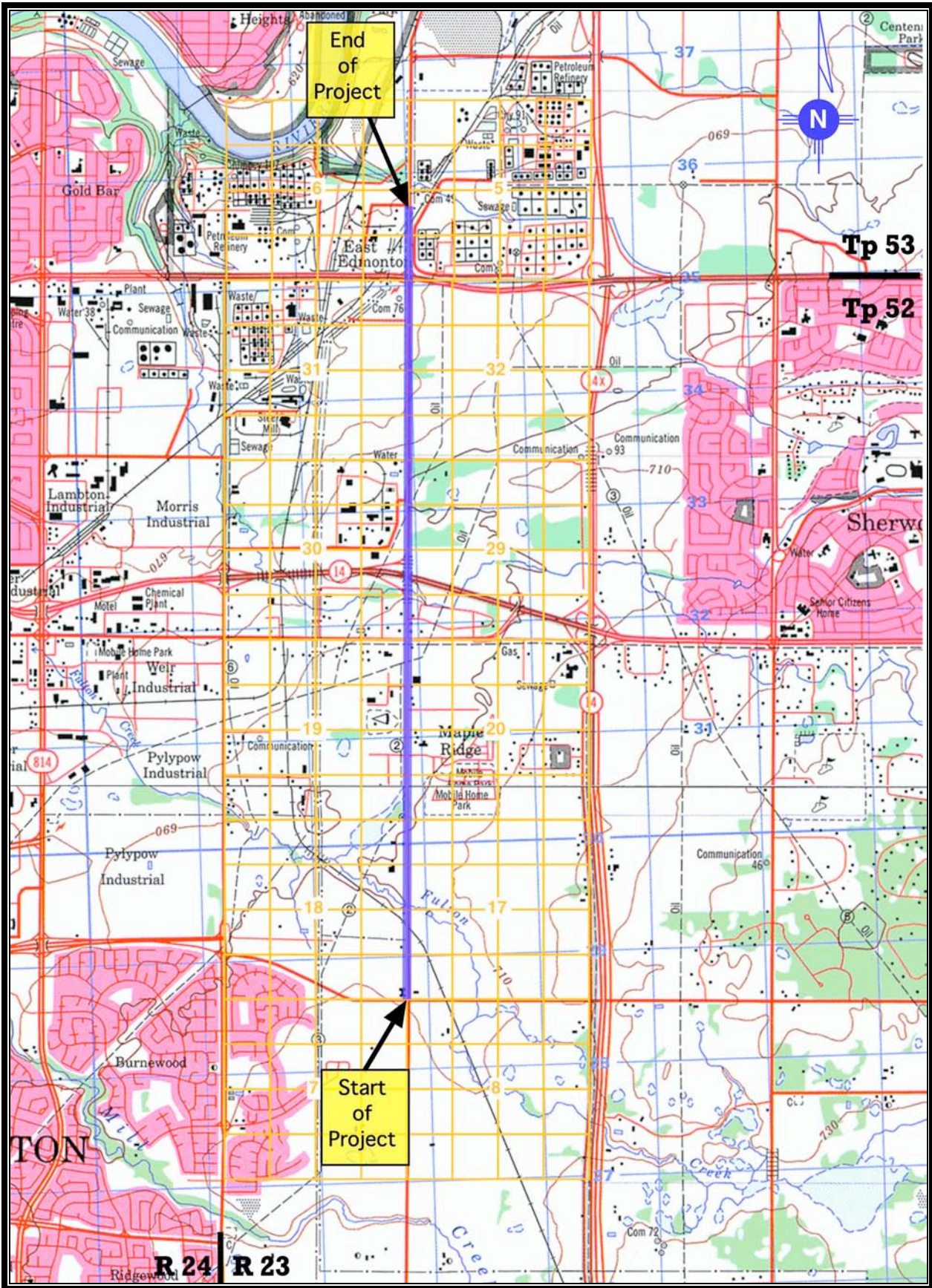


Figure 1. Map showing the project location (after 1:50,000 NTS Map 83 H/6 – Cooking Lake).

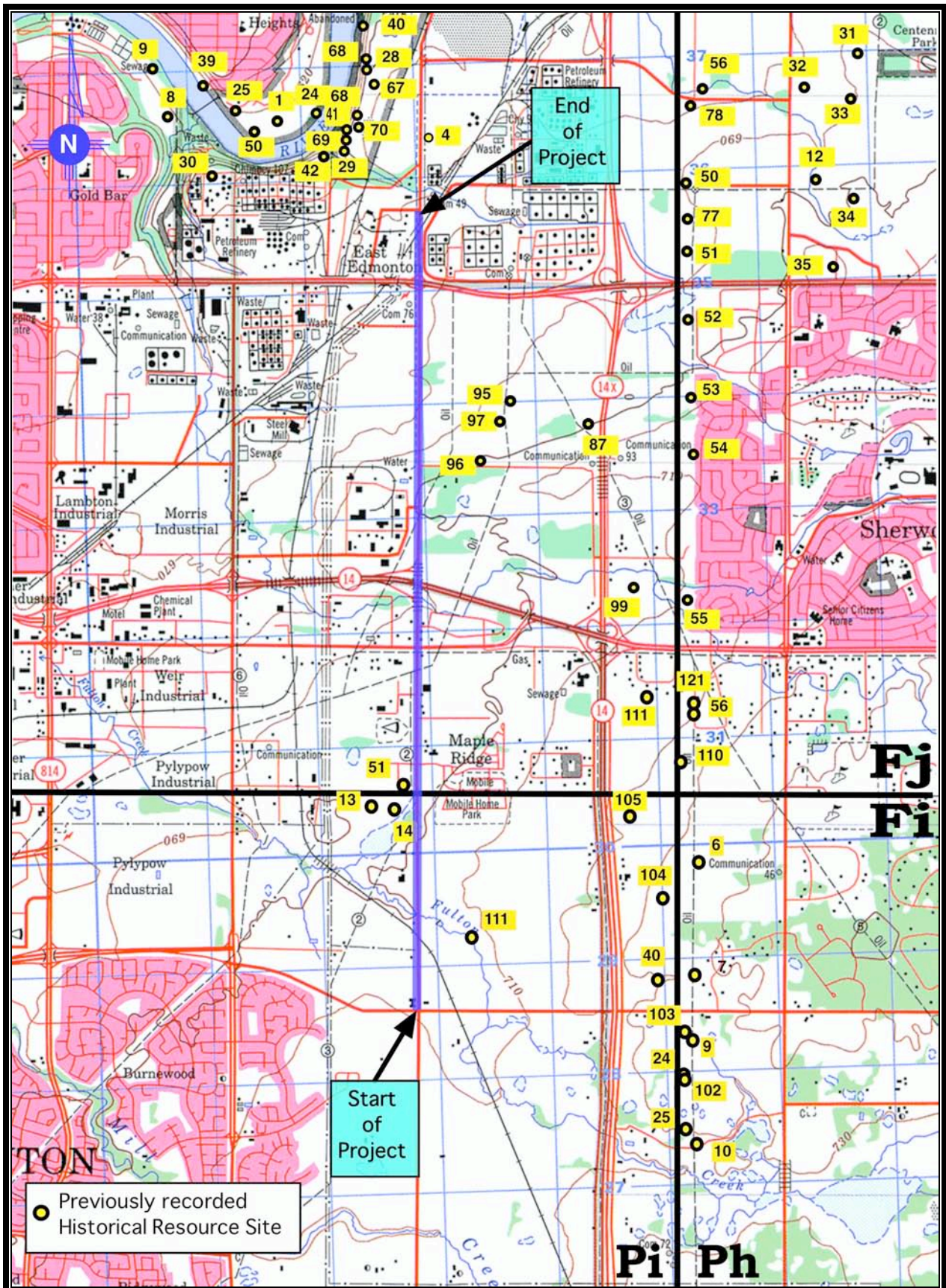


Figure 2. Map showing the project location and the location of previously recorded Historical Resources sites in the project vicinity (after 1:50,000 NTS Map 83 H/6 – Cooking Lake).

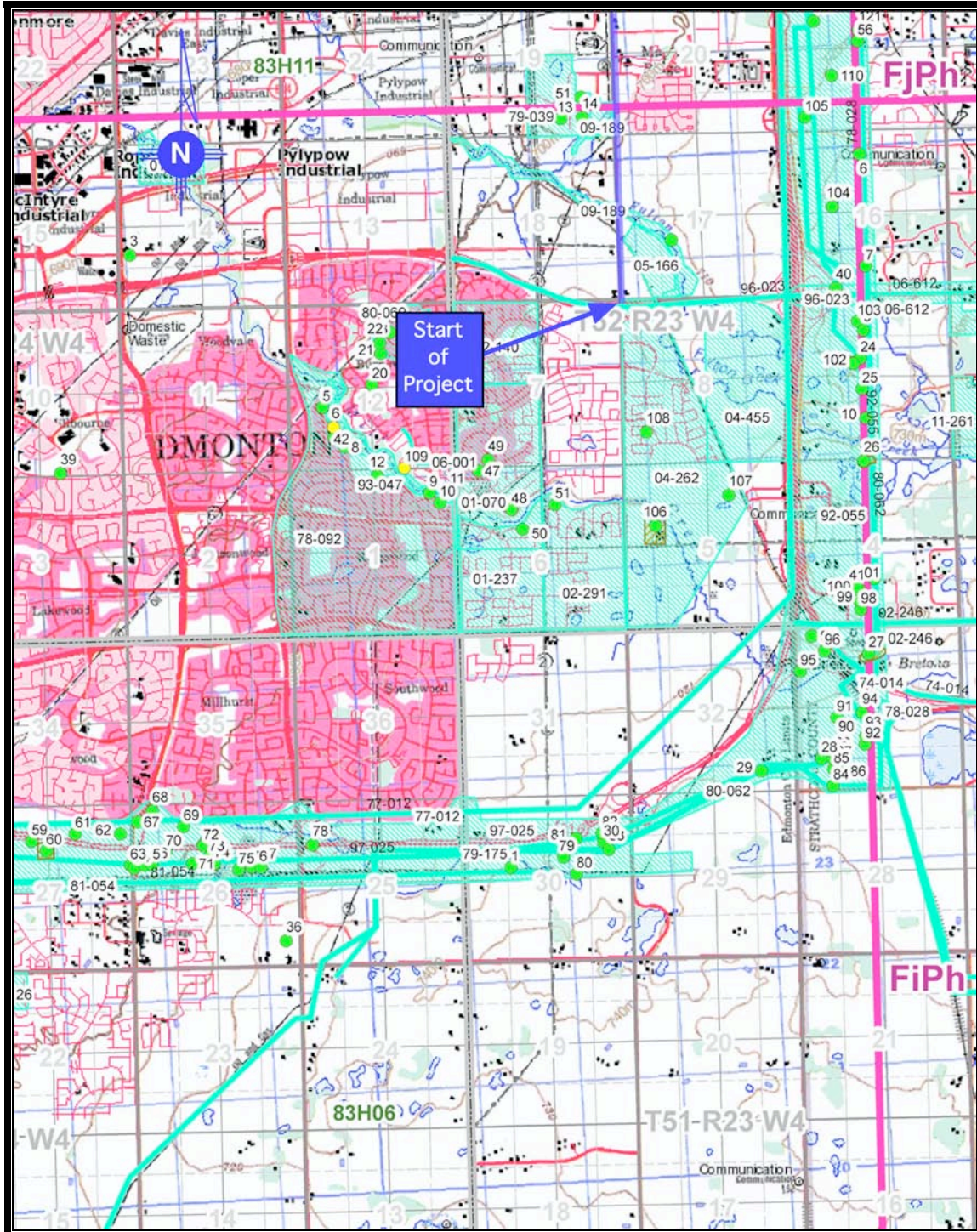


Figure 3. Map showing the project location and the location of previously conducted HRIA surveys and previously recorded Historical Resources sites within and in the vicinity of the southern end of the 17 Street project (after 1:50,000 NTS Map 83 H/6 – Cooking Lake).

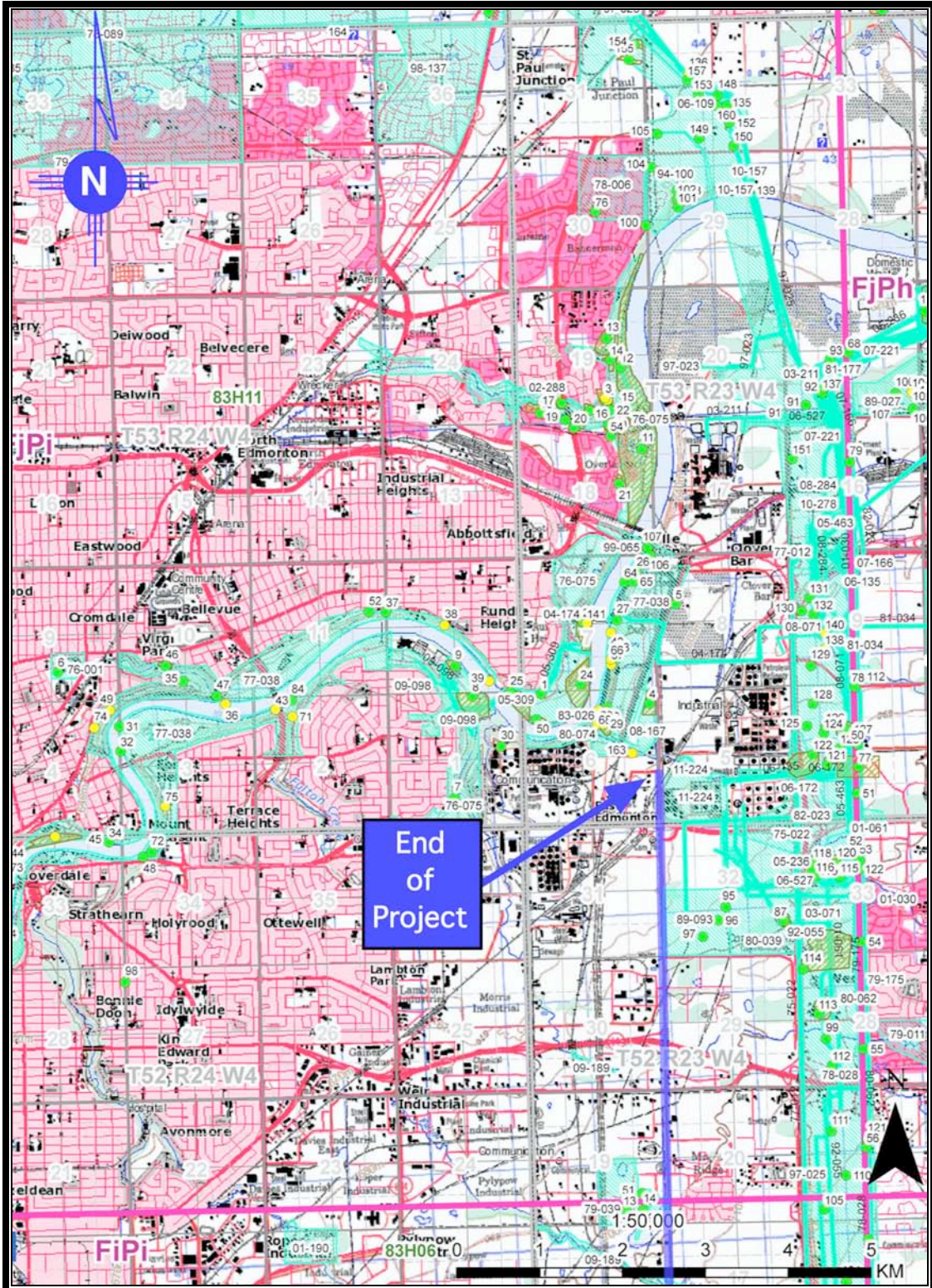


Figure 4. Map showing the project location and the location of previously conducted HRIA surveys and previously recorded Historical Resources sites within and in the vicinity of the northern end of the 17 Street project (after 1:50,000 NTS Map 83 H/6 – Cooking Lake).



Activity Administration

Date Received: August 23, 2012

HRM File: 4715-12-0034

Purpose of Application:  All New Lands  Additional Lands  No New Lands

Project Category: Transportation - Urban, Municipal and Local Roads and Other Transportation Projects (4715)

Project Type:  Urban Road ESRI Shapefiles are attached no  
 Municipal Road (yes/no)  
 Local Road Approximate Project Area (ha) 15  
 Access Road Other Reference Number  
 Bridge  
 Borrow Pit  
 Temporary Workspace  
 Slope Stabilization  
 Airstrip  
 Airport  
 Rail Project  
 Other

Project Identifier: 17 Street Upgrade from Whitemud Drive to Knightsbridge Road (105 Ave.) Planning and Design study

Additional Identifier(s):

Key Contact: Mr. Walt A Kowal Affiliation: Archaeology Group Inc.  
Address: 2526 Bell Court SW City / Province: Edmonton, AB  
Postal Code: T6W 1J8 Phone: (780) 438-4262  
E-mail: w.kowal@shaw.ca Fax: (780) 439-4285  
Your File Number:

Is the Proponent the same as the Key Contact?  Yes  No If no, complete the following:

Proponent: Transportation Services, City of Edmonton Contact Name: Natalie Lazaruko  
Address: 12th Floor, 9803 ½ 102A Avenue City / Province: Edmonton, AB  
Postal Code: T5J 3A3 Phone: (780) 442-4529  
E-mail: Natalie.Lazaruko@edmonton.ca Fax: (780) 496-4287

Proposed Development Area					Land Ownership			
MER	RGE	TWP	SEC	LSD List	FRH	SA	CU	CT
4	23	52	20	4,5,12,13	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	23	53	5	4,5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	23	52	18	1,8,9,16	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	23	53	6	1,8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	23	52	30	1,8,9,16	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>


4	23	52	29	4,5,12,13	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	23	52	31	1,8,9,16	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	23	52	32	4,5,12,13	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	23	52	17	4,5,12,13	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	23	52	19	1,8,9,16	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Listed Lands Affected							
MER	RGE	TWP	SEC	LSD	HRV	Category	
4	23	53	5	5	5	a	
4	23	53	6	8	5	a	
4	23	53	6	8	5	a	
4	23	53	6	8	5	a	

Comments: The proposed 17 Street upgrade project generally follows previously developed roadways and utility corridors. No previously recorded historic or archaeological sites will be disturbed by the development. Due to intensive previous ground disturbance due to sustained agricultural activity, industrial development, road construction, and other infrastructure emplacements, this right-of-way area is considered to have low potential for the discovery of intact, previously unrecorded heritage resources, and no further work is recommended for the 17 Street Upgrade from Whitemud Drive to Knightsbridge Road (105 Ave.) Planning and Design Study area.

Historical Resources Impact Assessment:  
 For archaeological resources:  
 Has a HRIA been conducted?  Yes  No Permit Number (if applicable):  
 For palaeontological resource:  
 Has a HRIA been conducted?  Yes  No

*Historical Resources Act* clearance is granted subject to Section 31 of the Resources Act, "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 the listing.

  
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 September 12, 2012  
 Date