



THE CITY OF WINNIPEG

BID OPPORTUNITY

BID OPPORTUNITY NO. 776-2014

**SNOW CLEARING ON REGIONAL AND LOCAL STREETS, AND BACK LANES
WITHIN THE SOUTH AREA (EAST)**

TABLE OF CONTENTS

PART A - BID SUBMISSION

Form A: Bid	1
Form B: Prices	3

PART B - BIDDING PROCEDURES

B1. Contract Title	1
B2. Submission Deadline	1
B3. Enquiries	1
B4. Confidentiality	1
B5. Addenda	2
B6. Substitutes	2
B7. Bid Submission	3
B8. Bid	4
B9. Prices	4
B10. Qualification	5
B11. Opening of Bids and Release of Information	5
B12. Irrevocable Bid	6
B13. Withdrawal of Bids	6
B14. Evaluation of Bids	6
B15. Award of Contract	7

PART C - GENERAL CONDITIONS

C0. General Conditions	1
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PART D - SUPPLEMENTAL CONDITIONS

General

D1. General Conditions	1
D2. Scope of Work	1
D3. Definitions	2
D4. Contract Administrator	3
D5. Contractor's Supervisor	3
D6. Ownership of Information, Confidentiality and Non Disclosure	4
D7. Operator's Competence and Performance	4
D8. Notices	4

Submissions

D9. Authority to Carry on Business	4
D10. Insurance	5

Schedule of Work

D11. Commencement	5
D12. Total Performance	5

Control of Work

D13. Prime Contractor – The Workplace Safety and Health Act (Manitoba)	6
D14. The Workplace Safety and Health Act (Manitoba) – Qualifications	6
D15. Safety	6
D16. Payment	6

PART E - SPECIFICATIONS

General

E1. Applicable Specifications and Drawings	1
E2. Snow Clearing Requirements	1
E3. Hourly Equipment Services	5
E4. Equipment	6
E5. Drivers License for all Hired Hourly Equipment	7
E6. Contractor's Supervision and Communication	7

Template Version: S320140606 - S LR

E7. Extreme snowfall and Blizzard Conditions	7
E8. Quantities	7
E9. Traffic Movement and Parking	8
E10. Measurement and Payment	8
E11. Annual Review – Inflationary Adjustment	12
E12. Price Adjustment – Fuel Costs	12
E13. Damage to Public and Private Property	13
E14. Penalties	14

APPENDIX A – SOUTH AREA (EAST) PRIORITY I STREETS

APPENDIX B – SOUTH AREA (EAST) PRIORITY II STREETS

APPENDIX C – SOUTH AREA (EAST) PRIORITY III STREETS

APPENDIX D – ENVIRONMENT CANADA WEATHER DATA

PART B - BIDDING PROCEDURES

B1. CONTRACT TITLE

- B1.1 SNOW CLEARING ON REGIONAL AND LOCAL STREETS, AND BACK LANES WITHIN THE SOUTH AREA (EAST)

B2. SUBMISSION DEADLINE

- B2.1 The Submission Deadline is 4:00 p.m. Winnipeg time, September 9, 2014.
- B2.2 Bids determined by the Manager of Materials to have been received later than the Submission Deadline will not be accepted and will be returned upon request.
- B2.3 The Contract Administrator or the Manager of Materials may extend the Submission Deadline by issuing an addendum at any time prior to the time and date specified in B2.1.

B3. ENQUIRIES

- B3.1 All enquiries shall be directed to the Contract Administrator identified in D4.1.
- B3.2 If the Bidder finds errors, discrepancies or omissions in the Bid Opportunity, or is unsure of the meaning or intent of any provision therein, the Bidder shall promptly notify the Contract Administrator of the error, discrepancy or omission at least five (5) Business Days prior to the Submission Deadline.
- B3.3 If the Bidder is unsure of the meaning or intent of any provision therein, the Bidder should request clarification as to the meaning or intent prior to the Submission Deadline.
- B3.4 Responses to enquiries which, in the sole judgment of the Contract Administrator, require a correction to or a clarification of the Bid Opportunity will be provided by the Contract Administrator to all Bidders by issuing an addendum.
- B3.5 Responses to enquiries which, in the sole judgment of the Contract Administrator, do not require a correction to or a clarification of the Bid Opportunity will be provided by the Contract Administrator only to the Bidder who made the enquiry.
- B3.6 The Bidder shall not be entitled to rely on any response or interpretation received pursuant to B3 unless that response or interpretation is provided by the Contract Administrator in writing.

B4. CONFIDENTIALITY

- B4.1 Information provided to a Bidder by the City or acquired by a Bidder by way of further enquiries or through investigation is confidential. Such information shall not be used or disclosed in any way without the prior written authorization of the Contract Administrator. The use and disclosure of the confidential information shall not apply to information which:
- (a) was known to the Bidder before receipt hereof; or
 - (b) becomes publicly known other than through the Bidder; or
 - (c) is disclosed pursuant to the requirements of a governmental authority or judicial order.
- B4.2 The Bidder shall not make any statement of fact or opinion regarding any aspect of the Bid Opportunity to the media or any member of the public without the prior written authorization of the Contract Administrator.

B5. ADDENDA

- B5.1 The Contract Administrator may, at any time prior to the Submission Deadline, issue addenda correcting errors, discrepancies or omissions in the Bid Opportunity, or clarifying the meaning or intent of any provision therein.
- B5.2 The Contract Administrator will issue each addendum at least two (2) Business Days prior to the Submission Deadline, or provide at least two (2) Business Days by extending the Submission Deadline.
- B5.2.1 Addenda will be available on the Bid Opportunities page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <http://www.winnipeg.ca/matmgt/bidopp.asp>
- B5.2.2 The Bidder is responsible for ensuring that he/she has received all addenda and is advised to check the Materials Management Division website for addenda regularly and shortly before the Submission Deadline, as may be amended by addendum.
- B5.3 The Bidder shall acknowledge receipt of each addendum in Paragraph 8 of Form A: Bid. Failure to acknowledge receipt of an addendum may render a Bid non-responsive.

B6. SUBSTITUTES

- B6.1 The Work is based on the Plant, Materials and methods specified in the Bid Opportunity.
- B6.2 Substitutions shall not be allowed unless application has been made to and prior approval has been granted by the Contract Administrator in writing.
- B6.3 Requests for approval of a substitute will not be considered unless received in writing by the Contract Administrator at least five (5) Business Days prior to the Submission Deadline.
- B6.4 The Bidder shall ensure that any and all requests for approval of a substitute:
- (a) provide sufficient information and details to enable the Contract Administrator to determine the acceptability of the Plant, Material or method as either an approved equal or alternative;
 - (b) identify any and all changes required in the applicable Work, and all changes to any other Work, which would become necessary to accommodate the substitute;
 - (c) identify any anticipated cost or time savings that may be associated with the substitute;
 - (d) certify that, in the case of a request for approval as an approved equal, the substitute will fully perform the functions called for by the general design, be of equal or superior substance to that specified, is suited to the same use and capable of performing the same function as that specified and can be incorporated into the Work, strictly in accordance with the proposed work schedule and the dates specified in the Supplemental Conditions for Substantial Performance and Total Performance;
 - (e) certify that, in the case of a request for approval as an approved alternative, the substitute will adequately perform the functions called for by the general design, be similar in substance to that specified, is suited to the same use and capable of performing the same function as that specified and can be incorporated into the Work, strictly in accordance with the proposed work schedule and the dates specified in the Supplemental Conditions for Substantial Performance and Total Performance.
- B6.5 The Contract Administrator, after assessing the request for approval of a substitute, may in his/her sole discretion grant approval for the use of a substitute as an "approved equal" or as an "approved alternative", or may refuse to grant approval of the substitute.
- B6.6 The Contract Administrator will provide a response in writing, at least two (2) Business Days prior to the Submission Deadline, to the Bidder who requested approval of the substitute.

- B6.6.1 The Contract Administrator will issue an Addendum, disclosing the approved materials, equipment, methods and products to all potential Bidders. The Bidder requesting and obtaining the approval of a substitute shall be responsible for disseminating information regarding the approval to any person or persons he/she wishes to inform.
- B6.7 If the Contract Administrator approves a substitute as an “approved equal”, any Bidder may use the approved equal in place of the specified item.
- B6.8 If the Contract Administrator approves a substitute as an “approved alternative”, any Bidder bidding that approved alternative may base his/her Total Bid Price upon the specified item but may also indicate an alternative price based upon the approved alternative. Such alternatives will be evaluated in accordance with B14.
- B6.9 No later claim by the Contractor for an addition to the Total Bid Price because of any other changes in the Work necessitated by the use of an approved equal or an approved alternative will be considered.
- B6.10 Notwithstanding B6.2 to B6.9, and in accordance with B7.5, deviations inconsistent with the Bid Opportunity document shall be evaluated in accordance with B14.1(a).

B7. BID SUBMISSION

- B7.1 The Bid shall consist of the following components:
- (a) Form A: Bid;
 - (b) Form B: Prices.
- B7.2 Further to B7.1, the Bidder should include the written correspondence from the Contract Administrator approving a substitute in accordance with B6.
- B7.3 All components of the Bid shall be fully completed or provided, and submitted by the Bidder no later than the Submission Deadline, with all required entries made clearly and completely in ink, to constitute a responsive Bid.
- B7.4 Bidders are advised not to include any information/literature except as requested in accordance with B7.1.
- B7.5 Bidders are advised that inclusion of terms and conditions inconsistent with the Bid Opportunity document, including the General Conditions, will be evaluated in accordance with B14.1(a)
- B7.6 The Bid may be submitted by mail, courier or personal delivery, or by facsimile transmission.
- B7.7 If the Bid is submitted by mail, courier or personal delivery, it shall be enclosed and sealed in an envelope clearly marked with the Bid Opportunity number and the Bidder's name and address, and shall be submitted to:
- The City of Winnipeg
Corporate Finance Department
Materials Management Division
185 King Street, Main Floor
Winnipeg MB R3B 1J1
- B7.7.1 Samples or other components of the Bid which cannot reasonably be enclosed in the envelope may be packaged separately, but shall be clearly marked with the Bid Opportunity number, the Bidder's name and address, and an indication that the contents are part of the Bidder's Bid Submission.
- B7.8 If the Bid is submitted by facsimile transmission, it shall be submitted to 204- 949-1178.
- B7.8.1 The Bidder is advised that the City cannot take responsibility for the availability of the facsimile machine at any time.

B7.9 Bids submitted by internet electronic mail (e-mail) will not be accepted.

B8. BID

B8.1 The Bidder shall complete Form A: Bid, making all required entries.

B8.2 Paragraph 2 of Form A: Bid shall be completed in accordance with the following requirements:

- (a) if the Bidder is a sole proprietor carrying on business in his/her own name, his/her name shall be inserted;
- (b) if the Bidder is a partnership, the full name of the partnership shall be inserted;
- (c) if the Bidder is a corporation, the full name of the corporation shall be inserted;
- (d) if the Bidder is carrying on business under a name other than his/her own, the business name and the name of every partner or corporation who is the owner of such business name shall be inserted.

B8.2.1 If a Bid is submitted jointly by two or more persons, each and all such persons shall identify themselves in accordance with B8.2.

B8.3 In Paragraph 3 of Form A: Bid, the Bidder shall identify a contact person who is authorized to represent the Bidder for purposes of the Bid.

B8.4 Paragraph 10 of Form A: Bid shall be signed in accordance with the following requirements:

- (a) if the Bidder is a sole proprietor carrying on business in his/her own name, it shall be signed by the Bidder;
- (b) if the Bidder is a partnership, it shall be signed by the partner or partners who have authority to sign for the partnership;
- (c) if the Bidder is a corporation, it shall be signed by its duly authorized officer or officers;
- (d) if the Bidder is carrying on business under a name other than his/her own, it shall be signed by the registered owner of the business name, or by the registered owner's authorized officials if the owner is a partnership or a corporation.

B8.4.1 The name and official capacity of all individuals signing Form A: Bid should be printed below such signatures.

B8.4.2 All signatures shall be original.

B8.5 If a Bid is submitted jointly by two or more persons, the word "Bidder" shall mean each and all such persons, and the undertakings, covenants and obligations of such joint Bidders in the Bid and the Contract, when awarded, shall be both joint and several.

B9. PRICES

B9.1 The Bidder shall state a price in Canadian funds for each item of the Work identified on Form B: Prices.

B9.1.1 Notwithstanding C11.1.3, prices on Form B: Prices shall not include the Goods and Services Tax (GST) or Manitoba Retail Sales Tax (MRST, also known as PST), which shall be extra where applicable.

B9.2 The quantities listed on Form B: Prices are to be considered approximate only. The City will use said quantities for the purpose of comparing Bids.

B9.3 The quantities for which payment will be made to the Contractor are to be determined by the Work actually performed and completed by the Contractor, to be measured as specified in the applicable Specifications.

B9.4 Payments to Non-Resident Contractors are subject to Non-Resident Withholding Tax pursuant to the Income Tax Act (Canada).

B10. QUALIFICATION

B10.1 The Bidder shall:

- (a) undertake to be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Bidder does not carry on business in Manitoba, in the jurisdiction where the Bidder does carry on business; and
- (b) be financially capable of carrying out the terms of the Contract; and
- (c) have all the necessary experience, capital, organization, and equipment to perform the Work in strict accordance with the terms and provisions of the Contract.

B10.2 The Bidder and any proposed Subcontractor (for the portion of the Work proposed to be subcontracted to them) shall:

- (a) be responsible and not be suspended, debarred or in default of any obligations to the City. A list of suspended or debarred individuals and companies is available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <http://www.winnipeg.ca/matmgt/debar.stm>

B10.3 The Bidder and/or any proposed Subcontractor (for the portion of the Work proposed to be subcontracted to them) shall:

- (a) have successfully carried out work similar in nature, scope and value to the Work; and
- (b) be fully capable of performing the Work required to be in strict accordance with the terms and provisions of the Contract; and
- (c) have a written workplace safety and health program, if required, pursuant to The Workplace Safety and Health Act (Manitoba);

B10.4 Further to B10.3(c), the Bidder shall, within five (5) Business Days of a request by the Contract Administrator, provide proof satisfactory to the Contract Administrator that the Bidder/Subcontractor has a workplace safety and health program meeting the requirements of The Workplace Safety and Health Act (Manitoba), by providing:

- (a) a copy of their valid Manitoba COR certificate and Letter of Good Standing (or Manitoba equivalency) as issued under the Certificate of Recognition (COR) Program administered by the Construction Safety Association of Manitoba or by the Manitoba Heavy Construction Association's WORKSAFELY™ COR™ Program; or
- (b) a copy of their valid Manitoba SECOR™ certificate and Letter of Good Standing (or Manitoba equivalency) as issued under the Small Employer Certificate of Recognition Program (SECOR™) administered by the Construction Safety Association of Manitoba or by the Manitoba Heavy Construction Association's WORKSAFELY™ COR™ Program; or
- (c) a report or letter to that effect from an independent reviewer acceptable to the City. (A list of acceptable reviewers and the review template are available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <http://www.winnipeg.ca/matmgt/>).

B10.5 The Bidder shall submit, within three (3) Business Days of a request by the Contract Administrator, proof satisfactory to the Contract Administrator of the qualifications of the Bidder and of any proposed Subcontractor.

B10.6 The Bidder shall provide, on the request of the Contract Administrator, full access to any of the Bidder's equipment and facilities to confirm, to the Contract Administrator's satisfaction, that the Bidder's equipment and facilities are adequate to perform the Work.

B11. OPENING OF BIDS AND RELEASE OF INFORMATION

B11.1 Bid Submissions will not be opened publicly.

- B11.2 Following the Submission Deadline, the names of the Bidders and their Total Bid Prices (unevaluated, and pending review and verification of conformance with requirements) will be available on the Closed Bid Opportunities (or Public/Posted Opening & Award Results) page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <http://www.winnipeg.ca/matmgt/>
- B11.3 After award of Contract, the name(s) of the successful Bidder(s) and the Contract amount(s) will be available on the Closed Bid Opportunities (or Public/Posted Opening & Award Results) page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <http://www.winnipeg.ca/matmgt/>
- B11.4 The Bidder is advised that any information contained in any Bid may be released if required by City policy or procedures, The Freedom of Information and Protection of Privacy Act (Manitoba), or by other authorities having jurisdiction.

B12. IRREVOCABLE BID

- B12.1 The Bid(s) submitted by the Bidder shall be irrevocable for the time period specified in Paragraph 9 of Form A: Bid.
- B12.2 The acceptance by the City of any Bid shall not release the Bids of the next two lowest evaluated responsive Bidders and these Bidders shall be bound by their Bids on such Work for the time period specified in Paragraph 9 of Form A: Bid.

B13. WITHDRAWAL OF BIDS

- B13.1 A Bidder may withdraw his/her Bid without penalty by giving written notice to the Manager of Materials at any time prior to the Submission Deadline.
- B13.1.1 Notwithstanding C22.5, the time and date of receipt of any notice withdrawing a Bid shall be the time and date of receipt as determined by the Manager of Materials.
- B13.1.2 The City will assume that any one of the contact persons named in Paragraph 3 of Form A: Bid or the Bidder's authorized representatives named in Paragraph 10 of Form A: Bid, and only such person, has authority to give notice of withdrawal.
- B13.1.3 If a Bidder gives notice of withdrawal prior to the Submission Deadline, the Manager of Materials will:
- (a) retain the Bid until after the Submission Deadline has elapsed;
 - (b) open the Bid to identify the contact person named in Paragraph 3 of Form A: Bid and the Bidder's authorized representatives named in Paragraph 10 of Form A: Bid; and
 - (c) if the notice has been given by any one of the persons specified in B13.1.3(b), declare the Bid withdrawn.
- B13.2 A Bidder who withdraws his/her Bid after the Submission Deadline but before his/her Bid has been released or has lapsed as provided for in B12.2 shall be liable for such damages as are imposed upon the Bidder by law and subject to such sanctions as the Chief Administrative Officer considers appropriate in the circumstances. The City, in such event, shall be entitled to all rights and remedies available to it at law.

B14. EVALUATION OF BIDS

- B14.1 Award of the Contract shall be based on the following bid evaluation criteria:
- (a) compliance by the Bidder with the requirements of the Bid Opportunity, or acceptable deviation therefrom (pass/fail);
 - (b) qualifications of the Bidder and the Subcontractors, if any, pursuant to B10 (pass/fail);
 - (c) Total Bid Price; and

(d) economic analysis of any approved alternative pursuant to B6.

B14.2 Further to B14.1(a), the Award Authority may reject a Bid as being non-responsive if the Bid Submission is incomplete, obscure or conditional, or contains additions, deletions, alterations or other irregularities. The Award Authority may reject all or any part of any Bid, or waive technical requirements or minor informalities or irregularities if the interests of the City so require.

B14.3 Further to B14.1(b), the Award Authority shall reject any Bid submitted by a Bidder who does not demonstrate, in his/her Bid or in other information required to be submitted, that he/she is responsible and qualified.

B14.4 Further to B14.1(c), the Total Bid Price shall be the sum of the quantities multiplied by the unit prices for each item shown on Form B: Prices.

B14.4.1 Further to B14.1(a), in the event that a unit price is not provided on Form B: Prices, the City will determine the unit price by dividing the Amount (extended price) by the approximate quantity, for the purposes of evaluation and payment.

B14.5 This Contract will be awarded as a whole.

B15. AWARD OF CONTRACT

B15.1 The City will give notice of the award of the Contract or will give notice that no award will be made.

B15.2 The City will have no obligation to award a Contract to a Bidder, even though one or all of the Bidders are determined to be responsible and qualified, and the Bids are determined to be responsive.

B15.2.1 Without limiting the generality of B15.2, the City will have no obligation to award a Contract where:

- (a) the prices exceed the available City funds for the Work;
- (b) the prices are materially in excess of the prices received for similar work in the past;
- (c) the prices are materially in excess of the City's cost to perform the Work, or a significant portion thereof, with its own forces;
- (d) only one Bid is received; or
- (e) in the judgment of the Award Authority, the interests of the City would best be served by not awarding a Contract.

B15.3 Where an award of Contract is made by the City, the award shall be made to the responsible and qualified Bidder submitting the lowest evaluated responsive Bid in accordance with B14 .

B15.3.1 Following the award of contract, a Bidder will be provided with information related to the evaluation of his/her Bid upon written request to the Contract Administrator.

B15.4 Notwithstanding C4.1, the City may issue a Purchase Order to the successful Bidder in lieu of the execution of a Contract.

B15.5 The Contract Documents, as defined in C1.1(n)(ii), in their entirety shall be deemed to be incorporated in and to form a part of the Purchase Order notwithstanding that they are not necessarily attached to or accompany said Purchase Order.

PART C - GENERAL CONDITIONS

C0. GENERAL CONDITIONS

- C0.1 The *General Conditions for Supply of Services* (Revision 2007 04 12) are applicable to the Work of the Contract.
- C0.1.1 The *General Conditions for Supply of Services* are available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division website at http://www.winnipeg.ca/matmgt/gen_cond.stm
- C0.2 A reference in the Bid Opportunity to a section, clause or subclause with the prefix “**C**” designates a section, clause or subclause in the *General Conditions for Supply of Services*.

PART D - SUPPLEMENTAL CONDITIONS

GENERAL

D1. GENERAL CONDITIONS

- D1.1 In addition to the *General Conditions for Supply of Services*, these Supplemental Conditions are applicable to the Work of the Contract.
- D1.2 The General Conditions are amended by striking out "The City of Winnipeg Act" wherever it appears in the General Conditions and substituting "The City of Winnipeg Charter".
- D1.3 The General Conditions are amended by striking out "Board of Commissioners" or "Commissioner" wherever it appears in the General Conditions and substituting the "Chief Administrative Officer".
- D1.4 The General Conditions are amended by striking out "Tender Package" wherever it appears in the General Conditions and substituting "Bid Opportunity".
- D1.5 The General Conditions are amended by striking out "Tender Submission" wherever it appears in the General Conditions and substituting "Bidding Procedures".
- D1.6 The General Conditions are amended by striking out "Bidding Instructions" wherever it appears in the General conditions and substituting "Bidding Procedures".

D2. SCOPE OF WORK

- D2.1 The Work to be done under the Contract shall consist of snow clearing supplemental to the City of Winnipeg's snow clearing operations for the period of October 15, 2014 to April 15, 2017, with a one (1) year extension at the option of the City, under mutually agreeable terms.
- D2.1.1 Snow clearing shall be performed on those regional, bus route and collector, and residential streets and back lanes listed in Appendix A, Appendix B, Appendix C, Drawing 1, and Drawing 2, where full width snow clearing is required on all or a major portion of the above streets.
- D2.2 The Contractor shall perform the Work of this Contract on an "as-required" basis for three (3) winter season from October 15, 2014 to April 15, 2017 except as hereinafter specified:
- (a) the Contractor may be required to remove snow which has fallen prior to October 15th and is on the streets as of that date;
 - (b) the Contractor shall continue and complete all authorized Work for a snowfall that begins on or before April 15th, notwithstanding that the Work occurs after April 15th; and,
 - (c) the Contractor shall remedy all damage and deficiencies such as curb damage by June 30th following the Contract year;
 - (d) the above requirements will apply also to any extension mutually agreed upon.
- D2.3 The major components of the Work are as follows:
- (a) full width snow clearing and hauling on the Priority I (Regional) Streets System identified in Appendix A and Drawing 1;
 - (b) full width snow clearing on the Priority II (Bus Routes and Collectors) Streets System identified in Appendix B and Drawing 1;
 - (c) full width snow clearing on the Priority III (Residential) Street System identified in Appendix C and Drawing 1;
 - (d) 2.7 metre width snow clearing on back lanes identified on Drawing 2;
 - (e) opening and keeping streets and lanes open during a major snowfall and/or snow blizzard; and

- (f) other winter maintenance activities as required between major snowfalls.

D2.4 The Contract Administrator reserves the right to perform routine winter maintenance on the streets listed in Appendices A, B and C and the back lanes shown on Drawing 2 using City forces. Routine winter maintenance includes:

- (a) curb lane spot plowing of street sections;
- (b) full width spot plowing of street sections;
- (c) spot plowing of back lane sections;
- (d) curb lane truck plowing;
- (e) full width truck plowing;
- (f) widening for snow storage;
- (g) snow hauling; and
- (h) clearing of drainage inlets in spring.

D3. DEFINITIONS

D3.1 When used in this Bid Opportunity:

- (a) "**Business Day**" means any Calendar Day, other than a Saturday, Sunday, or a Statutory or Civic Holiday;
- (b) "**Submission Deadline**" and "Time and Dates Set for the Final Receipt of Bids" means the time and date set out in the Bidding Procedures for final receipt of Bids;
- (c) "**User**" means a person, department or other administrative unit of the City authorized by the Contract Administrator to order Work under this Contract;
- (d) "**Highway**" means any place or way, including any structure forming part thereof, which or any part of which the public is ordinarily entitled or permitted to use for the passage of vehicles or pedestrians, with or without fee or charge therefore, and includes all the space between the boundary lines thereof, whether or not used for vehicular or pedestrian traffic; and, without restricting the generality of the foregoing, includes roads, road allowances, streets, lanes, thoroughfares and other means of communication dedicated to the public use as highways as so defined, and also includes all bridges, subways, underpasses, grade separations, piers, wharves, ferries, and squares, and the road improvements thereon, dedicated to the public use.
- (e) "**Roadway**" means the paved portion of the street that is used exclusively for the passage of motorized vehicles.
- (f) "**Street**" means a highway over which the City of Winnipeg has jurisdiction.
- (g) "**Sidewalk**" means the paved portion of the street that is used exclusively for a passage of pedestrians.
- (h) "**Back lane**" means a highway situated wholly within the limits of any city, town or village or restricted speed area or reduced restricted speed area which has been designated, constructed and intended to provide access to and service at the rear of places of residence or business and includes alleys having a right-of-way width of not more than 9 metres.
- (i) "**Boulevard**" means the area between the street line and the nearest edge of a roadway and/or the area separating the roadways or a divided highway.
- (j) "**Street Right-of-Way**" means the limit of the publicly-owned land acquired for and devoted to streets, boulevards, appurtenances, as well as underground facilities.
- (k) "**Private Approach**" and "**Approach**" means a roadway, culvert crossing or other structure theretofore and hereafter, erected, installed or maintained in a street between the property of an owner and the nearest curb or edge of a roadway in the said street, for the use or benefit of the owner or occupant of the property adjoining or connected therewith, but does not include a roadway or other structure constructed for such purpose within an alley.

- (l) "**Traffic Lane**" means a 3.6 metre or greater width of pavement.
- (m) "**Pavement**" or the adjective "Paved" when used to describe a street, road, alley or other area, means an area which has a surface constructed of Portland Cement concrete, asphaltic concrete, brick, tile or similar material.
- (n) "**Bare Pavement**" means that the Contractor shall endeavour to completely clear the full pavement width of snow.
- (o) "**Face to face**" of curb on Priority I and II streets means the periodic exposure of the barrier curb vertical face with a maximum horizontal deviation of 150 mm (6 inches). This will enable the full width of the curb lane to be available for vehicular traffic.
- (p) "**Face to face**" of curb on Priority III streets means the periodic exposure of the top of the roll curb with a maximum horizontal deviation of 300 mm (12 inches) from the top of the curb into the traffic lane. Where barrier curb exists on Priority III streets, "face to face" curb means the periodic exposure of the barrier curb vertical face with a maximum horizontal deviation of 150 mm (6 inches).
- (q) "**Hauling**" means the relocation of cleared snow volumes by equipment normally employed for the snow clearing activity, but does not include the use of trucks.
- (r) "**Hauling away**" means the relocation of cleared snow volumes by use of trucks for purposes of transporting to a distant storage location.
- (s) "**Snow**" means all forms of frozen precipitation including ice associated with such snow.
- (t) "**Wing back**" means the Contractor shall push back the windrow to create storage space for snow in future plowing operations.
- (u) "**Cross Walk**" means any sidewalk at street intersections or at signed corridors.
- (v) "**Compacted Snow Surface**" of back lanes means a level, dense compacted layer of snow that will only allow minimal rutting from vehicular traffic and has a maximum thickness of 200mm from the compacted snow surface to underlying pavement.

D4. CONTRACT ADMINISTRATOR

D4.1 The Contract Administrator is:

Jean-Luc Lambert, E.I.T
Streets Preservation Specialist
Acting Support Services Supervisor
Telephone No. 204- 806-0786
Facsimile No. 204- 986-5566

D4.2 At the pre-commencement meeting, the Contract Administrator will identify additional personnel representing the Contract Administrator and their respective roles and responsibilities for the Work.

D5. CONTRACTOR'S SUPERVISOR

D5.1 Further to C6.19, the Contractor shall employ and keep on the Work, at all times during the performance of the Work, a competent supervisor and assistants, if necessary, acceptable to the Contract Administrator. The supervisor shall represent the Contractor on the Site. The supervisor shall not be replaced without the prior consent of the Contract Administrator unless the supervisor proves to be unsatisfactory to the Contractor and ceases to be in his/her employ.

D5.2 Before commencement of Work, the Contractor shall identify his/her designated supervisor and any additional personnel representing the Contractor and their respective roles and responsibilities for the Work.

D5.2.1 Further to C5.5 Contract Administrator may give instructions or orders to the Contractor's supervisor and such instructions or orders shall be deemed to have been given to the Contractor.

D6. OWNERSHIP OF INFORMATION, CONFIDENTIALITY AND NON DISCLOSURE

- D6.1 The Contract, all deliverables produced or developed, and information provided to or acquired by the Contractor are the property of the City and shall not be appropriated for the Contractors own use, or for the use of any third party.
- D6.2 The Contractor shall not make any public announcements or press releases regarding the Contract, without the prior written authorization of the Contract Administrator.
- D6.3 The following shall be confidential and shall not be disclosed by the Contractor to the media or any member of the public without the prior written authorization of the Contract Administrator;
- (a) information provided to the Contractor by the City or acquired by the Contractor during the course of the Work;
 - (b) the Contract, all deliverables produced or developed; and
 - (c) any statement of fact or opinion regarding any aspect of the Contract.
- D6.4 A Contractor who violates any provision of D6 may be determined to be in breach of Contract.

D7. OPERATOR'S COMPETENCE AND PERFORMANCE

- D7.1 The Contractor's operator shall maintain all equipment/trucks in good working order and shall perform all obligations expressed and implied in this Bid Opportunity in a good, safe and workmanlike manner. Where, in the opinion of the City Inspector, an operator fails to meet the obligations expressed or implied in this Bid Opportunity, and without limited the generality of the foregoing, the operator is:
- (a) unqualified, or
 - (b) operating in an unsafe manner, or
 - (c) not performing a satisfactory amount of Work, or
 - (d) engaged in activity outside the City's interests.
- D7.2 The equipment/truck and operator may be dismissed immediately and shall not be re-engaged until such time as the inadequacies that resulted in the dismissal have been remedied to the sole satisfaction of the Contract Administrator.

D8. NOTICES

- D8.1 Notwithstanding C22.3, all notices of appeal to the Chief Administrative Officer shall be sent to the attention of the Chief Financial Officer at the following facsimile number:

The City of Winnipeg
Chief Financial Officer
Facsimile No.: 204-949-1174

SUBMISSIONS

D9. AUTHORITY TO CARRY ON BUSINESS

- D9.1 The Contractor shall be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Contractor does not carry on business in Manitoba, in the jurisdiction where the Contractor does carry on business, throughout the term of the Contract, and shall provide the Contract Administrator with evidence thereof upon request.

D10. INSURANCE

- D10.1 The Contractor shall provide and maintain the following insurance coverage:
- (a) commercial general liability insurance, in the amount of at least two million dollars (\$2,000,000.00) inclusive, with The City of Winnipeg added as an additional insured; such liability policy to also contain a cross-liability clause, contractual liability, non-owned automobile liability, unlicensed equipment liability (contractors equipment) and products and completed operations cover, to remain in place at all times during the performance of the Work;
 - (b) Automobile Liability Insurance covering all motor vehicles, owned and operated and used or to be used by the Contractor directly or indirectly in the performance of the Service. The Limit of Liability shall not be less than \$2,000,000 inclusive for loss or damage including personal injuries and death resulting from any one accident or occurrence;
- D10.2 Deductibles for commercial general liability must be expressly stated on the certificate of insurance and must not exceed \$5,000.00.
- D10.3 Deductibles shall be borne by the Contractor.
- D10.4 The Certificate must clearly state: "Operations include snow removal on City right-of-ways during winter months" (i.e. insurance to cover snow removal and ice control of streets, roadways, back lanes/alleys, sidewalks, etc.).
- D10.5 The Contractor shall provide the Contract Administrator with a certificate(s) of insurance, in a form satisfactory to the City Solicitor, at least two (2) Business Days prior to the commencement of any Work on the Site but in no event later than the date specified in C4.1 for the return of the executed Contract.
- D10.6 The Contractor shall not cancel, materially alter, or cause the policy to lapse without providing at least thirty (30) Calendar Days prior written notice to the Contract Administrator.

SCHEDULE OF WORK

D11. COMMENCEMENT

- D11.1 The Contractor shall not commence any Work until he/she is in receipt of a notice of award from the City authorizing the commencement of the Work.
- D11.2 The Contractor shall not commence any Work on the Site until:
- (a) the Contract Administrator has confirmed receipt and approval of:
 - (i) evidence of authority to carry on business specified in D9;
 - (ii) evidence of the workers compensation coverage specified in C6.14; and
 - (iii) evidence of the insurance specified in D10.
 - (b) the Contractor has attended a meeting with the Contract Administrator, or the Contract Administrator has waived the requirement for a meeting.

D12. TOTAL PERFORMANCE

- D12.1 The Contractor shall achieve Total Performance by June 30, 2017, for work specified in D2.
- D12.2 When the Contractor or the Contract Administrator considers the Work to be totally performed, the Contractor shall arrange, attend and assist in the inspection of the Work with the Contract Administrator for purposes of verifying Total Performance. Any defects or deficiencies in the Work noted during that inspection shall be remedied by the Contractor at the earliest possible instance and the Contract Administrator notified so that the Work can be reinspected.

- D12.3 The date on which the Work has been certified by the Contract Administrator as being totally performed to the requirements of the Contract through the issue of a certificate of Total Performance is the date on which Total Performance has been achieved.

CONTROL OF WORK

D13. PRIME CONTRACTOR – THE WORKPLACE SAFETY AND HEALTH ACT (MANITOBA)

- D13.1 Further to C6.23, the Contractor shall be the Prime Contractor and shall serve as, and have the duties of the Prime Contractor in accordance with The Workplace Safety and Health Act (Manitoba).

D14. THE WORKPLACE SAFETY AND HEALTH ACT (MANITOBA) – QUALIFICATIONS

- D14.1 Further to B10.4, the Contractor/Subcontractor must, throughout the term of the Contract, have a Workplace Safety and Health Program meeting the requirements of The Workplace Safety and Health Act (Manitoba). At any time during the term of the Contract, the City may, at its sole discretion and acting reasonably, require updated proof of compliance, as set out in B10.4.

D15. SAFETY

- D15.1 The Contractor shall be solely responsible for safety at the Site and for compliance with all laws, rules, regulations and practices required by the applicable safety legislation.
- D15.2 The Contractor shall be solely responsible for securing the Site, and any existing facility thereon, and for the proper care and protection of the Work already performed.
- D15.3 The Contractor shall do whatever is necessary to ensure that:
- (a) no person, property, right, easement or privilege is injured, damaged or infringed by reason of the Contractor's activities in performing the Work;
 - (b) the health and safety of all persons employed in the performance of the Work or otherwise is not endangered by the method or means of its performance;
 - (c) adequate medical services are available to all persons employed on the Work and at all times during the performance of the Work;
 - (d) adequate sanitation measures are taken and facilities provided with respect to the Work.
 - (e) pedestrian and other traffic on any public or private road or waterway is not unduly impeded, interrupted or endangered by the performance or existence of the Work or Plant;
 - (f) fire hazards in or about the Work are eliminated;

D16. PAYMENT

- D16.1 Further to C11, the City may at its option pay the Contractor by direct deposit to the Contractor's banking institution.

PART E - SPECIFICATIONS

GENERAL

E1. APPLICABLE SPECIFICATIONS AND DRAWINGS

E1.1 These Specifications shall apply to the Work.

E1.2 The following are applicable to the Work:

<u>Drawing No.</u>	<u>Drawing Name/Title</u>
1	South Area (East) Snow Clearing Priority Streets
2	South Area (East) Snow Clearing Back Lanes

E1.3 Bidders are reminded that requests for approval of substitutes as an approved equal or an approved alternative shall be made in accordance with B6.

E2. SNOW CLEARING REQUIREMENTS

E2.1 General Work

E2.1.1 The entire shoulder width of highway type pavement shall be cleared of snow during the snow clearing operation.

E2.1.2 The entire length of the curb along the centre median shall be cleared to the face of the curb.

E2.1.3 Snow shall be cleared from centre median crosswalks and shall be stored on the side boulevards.

E2.1.4 Snow from centre median openings and traffic storage lanes shall be removed and stored in the side boulevards.

E2.1.5 Windrows at all intersections, cross walks, corridors, railway crossing and private approaches shall be removed in the initial clearing operations. The windrows shall be pushed downstream of traffic or into available storage area on the street right-of-way in order to eliminate blind spots for motorists. Snow shall not be placed on boulevards at or near corners so as to block visibility of vehicles moving through the intersection.

E2.1.6 Windrows at pedestrian corridors shall be cleared for a distance of fifteen (15) metres approaching the corridor and five (5) metres leaving the corridor on undivided roadways and for a distance of fifteen (15) metres approaching the corridor on divided roadways.

E2.1.7 Windrows at bus stops shall be removed to a distance of twelve (12) meters upstream from the bus stop sign. The bus stop platform and walk area connecting to the adjacent sidewalk shall be level to provide a safe footing for pedestrians.

E2.1.8 Snow windrows at hydrants shall be removed a loader bucket width.

E2.1.9 Snow windrows shall be removed a loader bucket width and a path cleared by back blading to a hard surface from the curb to the sidewalk at a limited number of locations designated as handicapped access. Actual addresses will be supplied to the Contractor after Contract award.

E2.1.10 Snow shall be removed around all G.R.E.A.T. (Guard Rail Energy Absorbing Terminal), Energite Barrel installations and between the curb and any adjacent guard rail that is within 3m of the curb and in the right-of-way. The G.R.E.A.T. units are used as crash cushions on the ends of guard rails to avoid abrupt stoppage of a vehicle. The Energite Barrel installations are used as crash cushions near overhead signs or any posts which do not have breakaway bases. This Work must be done carefully (by hand where necessary) such that the installations are not hit by snow clearing equipment or left covered in snow. The location of a limited number of installations will be supplied to the Contractor after the award.

- E2.1.11 Where adequate storage exists adjacent to the street, snow spillage onto the street as a result of the snow clearing operation shall be removed immediately by the Contractor. Any snow not removed may be removed by the City and the cost of the Work charged to the Contractor.
- E2.1.12 The City reserves the right, at its sole discretion, to allow windrow snow storage on the curb lane where no storage exists, provided that a reasonable attempt, satisfactory to the Contract Administrator or his designate, is made to minimize the extent of the encroachment during the Contractor's snow clearing operation. This storage shall only be utilized when specifically directed to do so by the Contract Administrator or his designate and only during unusual snow and blizzard conditions.
- E2.1.13 Snow shall not be deposited on islands between a yield or turnoff and the main roadway.
- E2.1.14 Snow shall not be stored or deposited on private property.
- E2.1.15 Snow from snow clearing operations shall not be deposited in sidewalk areas. All blocked sidewalk ends at intersections must be immediately cleared of snow in order to provide access for pedestrians and sidewalk plows. Any snow not immediately removed may be removed by the City and the resulting cost of the Work charged against the Contractor.
- E2.1.16 Snow from intersection windrows shall not be placed in bus stop areas.
- E2.1.17 The Contractor shall remove snow from the centre median (median cut) for snow storage and snow thaw purposes as and where directed, by the Contract Administrator. The median cut shall be to a width of 0.6 m from the curb face and shall not expose, but be within 100 mm of the median surface. The median cut shall be carried out in conjunction with the adjacent grader plow operations, and shall be included in the lane km price.
- E2.1.18 Snow removal at traffic circles shall include the removal of snow from the inner shoulder area, which shall be considered incidental to the full width snow clearing operation.
- E2.1.19 Work for each snow clearing operation shall commence only upon the instructions of the Contract Administrator.
- E2.1.20 Normally, Priority I (Regional) Streets shall receive the highest priority for snow clearing followed by Priority II (Bus Routes and Collectors) Streets and then Priority III (Residential) Streets. However, the Contact Administrator may direct otherwise and the Contractor shall conform to all such directives, either oral or written.
- E2.1.21 Back lanes snow clearing operations will normally be undertaken concurrently with street and street priority operations. However, the Contract Administrator may direct otherwise and the contractor shall conform to all such directives.
- E2.1.22 The Contractor shall respond immediately to rectify snow clearing deficiencies which generate citizens' complaints. If in the opinion of the Contract Administrator, the response is inadequate, then the City shall have the option of performing the necessary Work and the costs of such Work shall be borne by the Contractor.
- E2.1.23 The Contractor shall coordinate residential plowing location to minimize conflicts with the Waste/Recycling collection. Where conflicts are unavoidable the Contract Administrator will give instructions to the Contractor to relocate Waste/Recycling containers during the plowing operations.
- E2.2 PRIORITY I (REGIONAL) STREETS (See Appendix A)
- E2.2.1 Snow clearing activities on Priority I streets includes:
- (a) full width snow clearing and hauling;
 - (b) curb lane snow clearing;
 - (c) loader support for truck plow snow clearing done by others;
 - (d) interim plowing during major snowfalls; and
 - (e) other winter maintenance Work.

- E2.2.2 Snow clearing on Priority I streets may be required after:
- (a) a recent accumulation of 3 cm or more of snowfall;
 - (b) poor street conditions caused by less than 3 cm of recent snow accumulation accompanied by snow drifting; and
 - (c) a gradual accumulation of snowfall results in poor street conditions.
- E2.2.3 Priority I streets, shall be completed within a twenty-four (24) hour period for a clearing operation following the time of commencement designated by the Contract Administrator.
- E2.2.4 Snow clearing on the Priority I street system shall normally be undertaken during the night shift (1900 hours to 0700 hours) unless otherwise directed.
- E2.2.5 Priority I streets shall be cleared to bare pavement over the full pavement width and plowed to the sides as shown in Appendix A. The Contractor shall wing back snow windrows in order to create the required storage as directed by the Contract Administrator.
- E2.2.6 The Contractor shall clear and haul away snow from the street and lane intersections, crosswalks, corridors, railroad crossings, private approaches and bus stops on those Priority I streets noted in Appendix A during the initial clearing operation. The snow must be hauled away immediately where there is insufficient site storage. The snow shall be removed to within 300 mm of the existing ground elevation. Where there is on-site storage within the street right-of-way, and the on-site storage will not cause interruptions to either vehicular or pedestrian traffic or create a safety hazard, the snow may be stored for up to seventy-two (72) hours from the time commencement designated by the Contract Administrator for a snow clearing operation on Priority I, II and III streets and up to thirty-six (36) hours for a snow clearing operation on Priority I and II streets and bus loops. Snow from bus stops on those Priority I streets listed for hauling away in Appendix A shall be hauled away immediately and hauling completed by 0700 hours on the day following the commencement.
- E2.2.7 Payment for the full width snow clearing and hauling away of snow on Priority I streets will be made at the unit price per lane kilometre and all the Work herein described shall be considered as incidental to the Contract and no further compensation will be considered.
- E2.3 **PRIORITY II (BUS ROUTES/COLLECTORS) STREETS (See Appendix B)**
- E2.3.1 Snow clearing activities on Priority II streets includes:
- (a) full width snow clearing and hauling;
 - (b) curb lane snow clearing;
 - (c) loader support for truck plow snow clearing done by others;
 - (d) interim plowing during major snowfalls; and
 - (e) other winter maintenance Work.
- E2.3.2 Snow clearing on Priority II streets may be required after:
- (a) a recent accumulation of 5 cm or more of snowfall;
 - (b) poor street conditions caused by less than 5 cm of recent snow accumulation accompanied by snow drifting; and
 - (c) gradual accumulation of snowfall results in poor street conditions.
- E2.3.3 Priority II streets shall be completed within a twenty-four (24) hour period for a clearing operation of a recent accumulation following the time of commencement designated by the Contract Administrator.
- E2.3.4 When Priority II streets are plowed within the same snow clearing operation as Priority I streets, the Priority II streets shall be completed within thirty-six (36) hours following the commencement time for the snow clearing operation.

- E2.3.5 Priority II streets shall be cleared to bare pavement over the full pavement width. The Contractor shall wing back snow windrows in order to create the required storage and perform the 0.6 m median cut as directed by the Contract Administrator. Where the Contractor is unable to meet the requirements of this specification due to parked vehicles, he shall arrange for a sign and tow operation with City forces to facilitate completion in these areas.
- E2.3.6 Payment for the full width snow clearing of Priority II streets will be made at the unit price per lane kilometre and all the Work herein described shall be considered as incidental to the Contract and no further compensation will be considered.
- E2.4 PRIORITY III (RESIDENTIAL) STREETS (See Appendix C)
- E2.4.1 Residential streets shall normally be cleared after:
- (a) a recent snow accumulation of 10 cm or more;
 - (b) poor street conditions caused by less than 10 cm of recent snow accumulation accompanied by snow drifting; and
 - (c) gradual accumulation of snowfall resulting in poor street conditions.
- E2.4.2 Residential streets shall normally be cleared after Priority I and II streets.
- E2.4.3 Priority III streets shall be completed within a thirty-six (36) hour period following the commencement time designated by the Contract Administrator.
- E2.4.4 When Priority III streets are plowed within the same clearing operation as Priority II streets, the Priority III streets shall be completed within sixty (60) hours following the commencement time for the clearing of the Priority II streets.
- E2.4.5 When Priority III streets are plowed within the same snow clearing operation as Priority I and Priority II streets, the Priority III streets shall be completed within seventy-two (72) hours following the commencement time for the snow clearing of the Priority I and II streets.
- E2.4.6 Priority III streets shall be cleared to bare pavement over the full pavement width. The Contractor shall wing back snow windrows in order to create the required storage as directed by the Contract Administrator. Where the Contractor is unable to meet the requirements of this specification due to parked vehicles, he shall arrange for a sign and tow operation with City forces to facilitate completion in these areas.
- E2.4.7 Notwithstanding the requirements of this specification, abnormal snow and ice conditions may make it impossible to adequately clear the Priority III streets to bare pavement. On those occasions, the Contract Administrator shall determine the level of snow clearing required and the time required to complete the operation.
- E2.4.8 Payment for the full width snow clearing of Priority III streets will be made at the unit price per lane kilometre and all the Work herein described shall be considered as incidental to the Contract and no further compensation will be considered.
- E2.4.9 Prior to October 15 of the Contract year:
- (a) the Contract Administrator shall provide to the Contractor a grouping of streets to be completed in each twelve (12) hour shift. Each twelve (12) hour shift will be recognized as a Designated Snow Clearing Zone;
 - (b) the Contract Administrator shall assign a letter to each Designated Snow Clearing Zone based upon the Residential Parking Band. Commencement date and time will determine whether the Designated Snow Clearing Zone is cleared between 0700 to 1900 hours or 1900 to 0700 hours; and
 - (c) the Contractor shall provide a start point and equipment deployment schedule for each Designated Snow Clearing Zones.
- E2.4.10 The Contractor is responsible to ensure timeframes are adhered to when clearing operations have commenced as per the Residential Parking Band.

E2.5 BACK LANES (see Drawing 2)

- E2.5.1 Back lanes shall normally be cleared after:
- (a) a recent snow accumulation of 5 cm or more;
 - (b) poor back lane conditions caused by less than 5 cm of recent snow accumulation accompanied by snow drifting; and
 - (c) gradual accumulation of snowfall resulting in poor back lane conditions.
- E2.5.2 Back lanes shall normally be cleared concurrently with Priority I and II street snow clearing operations and shall normally be undertaken during the day shift (0700 hours to 1900 hours) unless otherwise directed by the Contract Administrator.
- E2.5.3 Back lanes shall be completed within a forty-eight (48) hour period following the commencement time designated by the Contract Administrator.
- E2.5.4 Back lanes shall be cleared to a width of 2.7m and maintained to a compacted snow surface as defined in D3.
- E2.5.5 Payment for back lane snow clearing will be made at the unit price per kilometre and all work herein described shall be considered incidental to the contract and no further compensation will be considered.

E3. HOURLY EQUIPMENT SERVICES

E3.1 GENERAL

- E3.1.1 Snow clearing equipment shall be supplied on an hourly basis when requested by the Contract Administrator for winter maintenance activities between storms and opening up streets and back lanes and keeping them open during major snow storms and blizzards.
- E3.1.2 Snow hauling equipment shall be supplied on an hourly basis when requested by the Contract Administrator for the loading and hauling away of snow between major snowfalls.
- E3.1.3 Any equipment supplied by the Contractor on an hourly basis shall meet the following specifications:
- (a) **Semi-Trailer Dump Trucks:** Category 3 GVW 36,500 kg;
 - (b) **J2 Class Loaders:** Rubber Tired - 4 Wheel Drive Loader;
 - (i) SAE Net Horsepower Minimum 75 H.P.;
 - (ii) Operating Weight 15,000-20,000 lbs.; and
 - (iii) Bucket Size 1.5 – 2.25 cu. yd.
 - (c) **J3 Class Loaders:** Rubber Tired - 4 Wheel Drive Loader;
 - (i) SAE Net Horsepower Minimum 100 H.P.;
 - (ii) Operating Weight 21,000-28,000 lbs. (9,500 kg – 13,000 kg); and
 - (iii) Bucket Size 2.25 – 3.0 cu. yd.
 - (d) **J5 Class Loaders:** Rubber Tired - 4 Wheel Drive Loader;
 - (i) SAE Net Horsepower Minimum 160 H.P.;
 - (ii) Operating Weight 31,000 – 41,000 lbs. (14,000 kg – 18,500 kg); and
 - (iii) Bucket Size 2.7m (8'9") width.
 - (e) **K4 Class Motor Graders:** Minimum 140 Flywheel Horsepower;
 - (f) **K5 Class Motor Graders:** Minimum 160 Flywheel Horsepower; and
- E3.1.4 Contract supervision shall be as specified in E6.
- E3.1.5 The Contract Administrator may request snow clearing equipment on an hourly basis up to the number and type of pieces of equipment specified in E4.

- E3.1.6 The Contractor shall respond to the assigned location within two (2) hours of official notice from the Contract Administrator or be subject to penalties as outlined in E14.
- E3.1.7 Contractors will be required to fill out approved Work tickets showing hours of Work, type of equipment, equipment model and serial number. All Work tickets must be signed by the City inspector and a representative of the Contractor to be valid.
- E3.1.8 Payment for hourly equipment will be made based on the hours actually worked and the unit price per hour shown in Form B: Prices. There will be no overtime premium for Work under this Contract.

E4. EQUIPMENT

- E4.1 The Contractor shall provide the following minimum quantity and type of equipment in first class working condition:
- (a) 8 motor graders; and
 - (b) 10 loaders.

- E4.2 All equipment shall be made available for inspection by the Contract Administrator or his designate prior to the award of Contract.

- E4.3 The Bidder is not required to own the equipment at the time of the Submission Deadline. The Bidder shall, however, provide the Contract Administrator, within seventy-two (72) hours of being requested, the name of the registered owner of each proposed piece of equipment and a copy of a binding contract, or option to purchase or to contract, for the use of the equipment for the duration of the Contract.

E4.4 LIGHTING

- E4.4.1 Each vehicle and each piece of equipment shall be provided with all of the necessary lighting prescribed by the motor vehicle laws of the Province of Manitoba.
- E4.4.2 Notwithstanding the generality of the foregoing, the Contractor shall ensure that all equipment is equipped with working lighting systems sufficient to facilitate the Work. At a minimum, all equipment must be equipped with the following lighting:
- (a) at least two headlights;
 - (b) at least two rear running lights;
 - (c) turning signals front and rear;
 - (d) stop light at rear;
 - (e) at least one flashing or oscillating blue or amber light, clearly visible in all directions (360 degrees);
 - (f) if the machine is in excess of two (2) metres wide, at least four clearance lights (one green or amber light on each side at the front, facing the front, and one red light on each side at the rear facing rear-ward).
 - (g) All equipment must maintain proper lighting though out the entire shift or be removed from hired and contract work.

E4.5 IDENTIFICATION

- E4.5.1 All equipment shall be clearly labelled, indicating the Contractor's name and unit number. Letters and numbers used for identification purposes must be a minimum of 100 mm in height and positioned in such a manner as to be clearly visible when standing at either side of the machine.

E4.6 COMMUNICATION

- E4.6.1 At least one piece of equipment in a crew working in a specific area must have a means of two-way communications with the Contractor's Supervisor and office.

E5. DRIVERS LICENSE FOR ALL HIRED HOURLY EQUIPMENT

E5.1 The City requires that the Contractor's supervisor is to ensure all drivers and operators have the appropriate driver's license for all Hired Hourly and Contract Equipment supplied under this contract.

E6. CONTRACTOR'S SUPERVISION AND COMMUNICATION

E6.1 The Contractor shall have a qualified Supervisor on duty during all snow clearing activities regardless of the type and magnitude of the operation. The Supervisor shall be able to attend, monitor and respond to all operational and equipment concerns throughout the contract area.

E6.2 The Contractor's Supervisor shall have two-way communications with the Contractor's office and field crews, and continuously direct, coordinate and inspect the work of the field crews.

E6.3 The Supervisor, or his designate, shall provide a means of two-way communications with City staff involved in the inspection of contract snow clearing operations. Failure by the Contractor to supply two-way communication to the City staff by first call-out will result in the City furnishing such equipment and deducting costs from the Contract payment.

E6.4 The Contractor shall have the capability of receiving facsimile transmission (fax machine) and shall supply the facsimile number to the Contract Administrator.

E7. EXTREME SNOWFALL AND BLIZZARD CONDITIONS

E7.1 The Contractor shall provide snow clearing equipment to keep streets and back lanes open during the extreme snowfall event if requested by the Contract Administrator. The Contract Administrator shall evaluate field conditions and at his discretion, continue or terminate the hourly snow clearing operations.

E7.2 Time utilized by the Contractor to keep streets and back lanes open during the snow storm shall not be part of the time limits established in E2.2, E2.3, and E2.4.

E7.3 During or after extreme snowfall and/or blizzards, the Contract Administrator may require that Regional and Collector streets and back lanes be opened using both Contract and City forces in order to open such streets and emergency routes as quickly as possible. The Contractor may be required to dispatch his equipment to work inside and outside the contract area with and under the direction of City forces.

E7.4 Once notified by the Contract Administrator of the official start time for the formal snow clearing operations following extreme snowfall and/or blizzards the Contractor shall immediately initiate the snow clearing operation.

E8. QUANTITIES

E8.1 Further to B8 of the Bidding Procedures, the estimated quantities identified on Form B: Prices for the clearing and hauling of snow on the Priority I, II and III street systems and back lanes are based on the following:

- (a) **Item No. 1 - Priority I (Regional) Street System:** The approximate quantity is based on 114.67 lane km of street for one (1) clearing operation of 0-10 cm;
- (b) **Item No. 2 - Priority II (Bus Routes and Collector) Street System:** The approximate quantity is based on 53.96 lane km of street for three (3) clearing operations of 0-10 cm;
- (c) **Item No. 3 - Priority III (Residential) Street System:** The approximate quantity is based on 181.38 lane km of street for three (3) clearing operations of 0-10 cm; and
- (d) **Item No. 4 – Back Lanes:** The approximate quantity is based on 79.38 linear km of back lanes for six (6) clearing operations of 0-10 cm.

- E8.2 The total length of lane kilometres, as established by the Public Works Department, are provided in Appendix A - Priority I Streets, Appendix B - Priority II Streets, and Appendix C - Priority III Streets. Drawing 2 indicates the inventory of back lanes. In the event that streets or back lanes are either added or deleted, then the total length shall be adjusted correspondingly for the purpose of measurement and payment.
- E8.3 Appendix D showing the precipitation of snow based on the meteorological summary of the Environment Canada Atmospheric Environment Services for the last forty (40) years, is provided strictly for the information of Bidders.

E9. TRAFFIC MOVEMENT AND PARKING

- E9.1 After a significant snowfall, overnight parking may be restricted on Priority I and II streets with the declaration of the Declared Snow Route Parking Ban. This By-Law, when declared by the Director of Public Works, prohibits parking on Priority I and Priority II streets between the hours of midnight and 07:00 am. The ban will normally last for twenty-four (24) hours but may be extended.
- E9.2 During snow clearing and hauling operations, the Contractor shall take all reasonable measures to facilitate the movement of traffic in accordance with the Manual of Temporary Traffic Control.

E10. MEASUREMENT AND PAYMENT

- E10.1 This section will govern payment for full width street clearing and back lane clearing of snow and hauling services for snow removal performed by the Contractor which include:
- (a) clearing and hauling services for snow after a recent accumulation of snow;
 - (b) clearing and hauling services after a gradual accumulation of snow where, in the opinion of the Contract Administrator, such clearing and hauling services are warranted;
 - (c) clearing and hauling services after a recent accumulation of snow combined with a gradual accumulation of snow; and
 - (d) maintenance snow clearing services between storms and keeping streets and back lanes open during major snow storms and/or blizzards on the streets specified in this Contract.
- E10.2 In this Contract, each such direction by the Contract Administrator for clearing and hauling services for snow removal and the performance thereof by the Contractor shall be referred to as a "clearing operation".
- E10.3 If there is additional precipitation before the expiration of the specified time period, the Contract Administrator will define the end of the most recent snowfall and will set another time limit based on the quantity of precipitation.
- E10.4 Where in the opinion of the Contract Administrator the amount of snowfall and/or accompanying severe drifting conditions makes it impractical to complete the full width snow clearing and back lane clearing operations with the Contractor's full complement of equipment and continuous effort, the Contract Administrator may, at his sole discretion, extend the time limits specified.
- E10.5 Payment will be made for back lane clearing operations based on the unit price per kilometre. The payment for such clearing operations will be based on multiplying the unit bid price for Item No. 4 on Form B: Prices by the length in kilometres of back lanes cleared.
- E10.6 The Contract Administrator will have the authority to determine whether any clearing and hauling operation constitutes a recent accumulation, a gradual accumulation or a combination of the two. The guideline to be utilized by the Contract Administrator for determining whether a clearing operation is a recent accumulation or a gradual accumulation will be that, where 5 cm or more of snow has fallen over the forty-eight (48) hour period preceding the direction to commence clearing services, the accumulation will be considered a recent accumulation. Otherwise, the clearing operation will be considered a gradual accumulation.

- E10.7 Payment will be made for full width clearing and hauling operations on Priority I (Regional) Streets, Priority II (Collector) Streets, Priority III (Residential) streets based on the unit price per lane kilometre and a snow accumulation factor (F) which is dependent on the quantity of snowfall and the type of snow accumulation. The payment for all such clearing operations will be based on multiplying the unit price (R) for Item No. 1, 2, or 3, on Form B: Prices, as the case may be, by the length in kilometres cleared (L), as determined by the Contract Administrator, multiplied by the snow accumulation factor (F), as determined by the Contract Administrator; or $\text{Payment} = R \times L \times F$.
- E10.8 The snow accumulation for purposes of payment for a recent accumulation shall be the quantity of snow deemed to be cleared/hailed by the Contractor as determined by the Contract Administrator in accordance with this section. There may be hourly snow hauling, plowing and/or salting operations carried on by others on some portions of the street systems affected by this Contract. Therefore, the depth of the snow accumulation to be used for payment for the removal of a recent accumulation will be that portion of snow that has recently fallen immediately preceding the start of a clearing operation and during the said operation, but not including cleared or removed by others or by environmental processes, as determined solely by the Contract Administrator. The duration and depth of snowfall will be based on official reports from a weather consulting service. Notice of any dispute by the City arising from the amount of snow accumulation used to calculate payments for a recent clearing operation shall be forwarded to the Contract Administrator within fifteen (15) days of the City notifying the Contractor of the amounts used for payment for a given clearing operation. Failure by the Contractor to give notice of such dispute within the time specified shall preclude the Contractor from disputing the amount for which the City will pay.
- E10.9 No payment will be made for gradual accumulation after March 15 of the Contract year in the event that all of the gradual accumulation has completely melted and does not physically exist on the street at the time of a plowing operation initiated by a recent accumulation. This determination will be made by the Contract Administrator.
- E10.10 The snow accumulation factor will be determined by the appropriate formula based on the type of accumulation and the quantity of snowfall. The formula to be used to calculate the snow accumulation factor for each payment scenario are identified in the following table and are further detailed in the sections and examples following the table:

Type of Accumulation	Snowfall Measurement	Snow Accumulation Factor Calculation
(1) Recent	0-10.0 cm	$F = 1.000$
(2) Recent	Greater than 10.0 cm	$F = 1 + (0.90 \times (x - 10) / 10)$ where x is the number of centimeters of recent accumulation snowfall.
(3) Gradual	Starting on December 15 of Contract year or since the preceding clearing operation, whichever is later.	$F = 1.000$ or $F = (0.30 \times y) / 10$, whichever value is greater, where y is the number of centimeters of gradual accumulation snowfall.
(4) Combination of recent and gradual	0-10.0 cm (x) of recent and y cm of gradual starting on December 15 of Contract year or since the preceding clearing operation, whichever is later.	$F = 1.000$ or $F = (x + (0.30 \times y)) / 10$, whichever value is greater, where x is the number of centimeters of recent accumulation snowfall and y is the number of centimeters of gradual accumulation snowfall.
(5) Combination of recent and gradual	Greater than 10.0 cm of recent (x) and y cm of gradual starting on December 15 of Contract year or since the preceding clearing operation, whichever is later.	$F = 1 + (0.90 \times (x - 10) / 10) + ((0.30 \times y) / 10)$, where x is the number of centimeters of recent accumulation snowfall and y is the number of centimeters of gradual accumulation snowfall.

E10.10.1 For a clearing operation required as a result of a recent accumulation of 10 cm or less (0-10 cm), the accumulation factor (F) is 1.00. Payment will be made at the unit price multiplied by the length in kilometres of traffic lanes cleared multiplied by 1.000.

Example: The total payment for a clearing operation after 9.3 cm of recent accumulation would be unit price \times lane kilometres \times 1.000).

E10.10.2 For a clearing operation required as a result of a recent accumulation in excess of 10 cm, the accumulation factor will be determined by adding 1.000 (which is the factor for the first 10 cm) to 90% of the snow accumulation in excess of 10 cm divided by ten (10). Payment will be made at the unit price multiplied by the length in kilometres of traffic lanes cleared multiplied by the snow accumulation factor.

Example: The snow accumulation factor for a clearing operation after 14.3 cm of recent accumulation, would be based on the calculation, $F = 1 + (0.9 \times (14.3 - 10) / 10) = 1.387$. The total payment for the clearing operation would be (unit price \times lane kilometres \times 1.387).

E10.10.3 For a clearing operation required as a result of a gradual accumulation, the snow accumulation factor would be 1.000 or 30% of the gradual accumulation divided by ten (10), whichever value is greater. Payment will be made at the unit price multiplied by the length in kilometres of traffic lanes cleared multiplied by the snow accumulation factor.

Example: Assume that, on February 28, the condition of the Priority III streets was such that a plowing operation was required and that no snowfall had occurred in the past 48 hours. The date of the last clearing operation was January 28 and 19 cm of snowfall (gradual accumulation) had fallen since that date. The snow accumulation factor would be 30% of 19 cm divided by 10, or $F = (0.30 \times 19) / 10 = 0.570$. Since the calculated factor is less than 1.000, the greater value of 1.000 would be used and the total payment for the clearing operation would be (unit price \times lane kilometres \times 1.000).

E10.10.4 For a clearing operation required as result of a recent accumulation of 10 cm or less (0-10 cm) and where there has also been gradual accumulation measured starting on

December 15 of the Contract year or since the immediately preceding clearing operation, whichever is later, the snow accumulation factor will be 1.000 or the value calculated by adding the recent accumulation to 30% of the gradual accumulation and dividing the sum by ten (10), whichever value is greater. Payment will be made at the unit price multiplied by the length in kilometres of traffic lanes cleared multiplied by the snow accumulation factor.

Example: Assume that during the Contract year there has been a snowfall on January 20 of 5.0 cm with severe winds, and in the opinion of the Contract Administrator, there is need for a snow clearing operation. Assume further that 14.5 cm of snow has gradually accumulated between December 15th and the commencement of the recent accumulation on January 20. The snow accumulation factor and payment would be calculated as follows:

- (i) The recent accumulation of 5.0 cm is added to 30% of the gradual accumulation of 14.5 cm and the sum divided by 10 or $F = (5.0 + (0.30 \times 14.5)) / 10 = 0.935$. Since the calculated factor is less than 1.000, the total payment for the clearing operation would be (unit price \times lane kilometres \times 1.000).

Assume that in the above scenario the snowfall on January 20 was 8.0 cm. Then the snow accumulation factor and payment would be calculated as follows:

- (ii) The recent accumulation of 8.0 cm is added to 30% of the gradual accumulation of 14.5 cm and the sum divided by 10 or $F = (8.0 + (0.30 \times 14.5)) / 10 = 1.235$. The total payment for the clearing operation would be (unit price \times lane kilometres \times 1.235).

E10.10.5 For a clearing operation required as result of a recent accumulation of greater than 10 cm and where there has also been gradual accumulation measured starting on December 15 of the Contract year or since the immediately preceding clearing operation, whichever is later, the snow accumulation factor will be determined by adding 1.000 (which is the factor for the first 10 cm of recent accumulation) to 90% of the recent snow accumulation in excess of 10 cm divided by ten (10) and then adding 30% of the gradual accumulation and divided by ten (10). Payment will be made at the unit price multiplied by the length in kilometres of traffic lanes cleared multiplied by the snow accumulation factor.

Example - Assume that during the Contract year there has been a snowfall on January 20 of 16.8 cm and, in the opinion of the Contract Administrator, there is need for a snow clearing operation. Assume further that 20.5 cm of snow has gradually accumulated between December 15 and the commencement of the recent accumulation on January 20. The snow accumulation factor and payment would be calculated by adding 1.000 for the first 10 cm of recent accumulation to 90% of 6.8 cm (which is the recent snow accumulation in excess of 10 cm) divided by 10 and then adding 30% of 20.5 cm (which is the gradual accumulation) divided by 10, or $F = 1.000 + (0.90 \times (16.8 - 10) / 10) + ((0.30 \times 20.5) / 10) = 2.227$. The total payment for the clearing operation would be (unit price \times lane kilometres \times 2.227).

- E10.11 Payment shall be made for snow clearing services, such as maintenance snow clearing between snow storms and snow clearing during major storms/blizzards, as specified in E3 of the Specifications at the Bid hourly rate per equipment class on Form B: Prices, as the case may be, multiplied by the hours actually worked for each specific class as determined by the Contract Administrator.
- E10.12 Payment for wings, ice blades, and/or straight blades for Motor Graders engaged in a full width snow clearing operation shall be included in the unit price per lane kilometre or kilometre respectively.
- E10.13 Those attachments specifically requested by the Contract Administrator or his designate will be compensated for at the same rate per hour as those specified in the "Provision for Hourly Rates for Hired Equipment and Dump Trucks 2014 to 2015 Snow Season".
- E10.14 The City shall guarantee to pay to the Contractor a minimum amount (referred to as the "guaranteed minimum amount") equal to 60% of the unit price shown on Form B: Prices.

- E10.14.1 Payment for Work done shall be as provided in E8 and all such payments shall be deducted from the guaranteed minimum amount.
- E10.14.2 On December 31, all payments received by the Contractor under this Contract will be totalled and the total compared with 10% of the Total Bid Price. If the total of the payments received is less than 10% of the Total Bid Price, then the difference between the aforesaid figures will be paid to the Contractor as an advance on the guaranteed minimum amount. The amount of the advance will be set off against subsequent payments for work done by the Contractor.
- E10.14.3 On February 28, all payments received by the Contractor under this Contract for Work done and as an advance on the guaranteed minimum amount will be totalled and that total compared with 35% of the Total Bid Price. If the total of the payments received is less than 35% of the Total Bid Price, then the difference will be paid to the Contractor as an advance on the guaranteed minimum amount. The amounts of any advances received by the Contractor will be set off against subsequent payments for Work done by the Contractor pursuant to the Contract.
- E10.14.4 At the conclusion of the Contract year, all payments received by the Contractor or under this Contract for Work done or as an advance on the guaranteed minimum amount will be totalled and that total compared with the guaranteed minimum amount. Only when the total of the payments received is less than the guaranteed minimum amount will additional monies be payable by the City to the Contractor under the terms of this Contract.
- E10.14.5 The Contractor will not be compensated for any inconvenience and costs which may result from excavation Work on the streets, sidewalks or back lanes, the parking of vehicles on the roadway, vehicle movement, or any other obstruction to his Work.
- E10.14.6 The Contractor shall note that on the Regional Streets System portion of this Contract, the unit price shall include the cost of all necessary hauling for Priority I (Regional) Streets as specified in the Contract.
- E10.14.7 The Contractor shall note that on the Priority I and Priority II street system portion of this Contract, the unit price bid shall include the cost of the 0.6 m median cut as specified in the contract.
- E10.14.8 It is the City of Winnipeg's intent to hold back five (5) percent of progress estimates for all Work performed under this Contract as a damage deposit relating to E13 of the Specifications. These funds will be released when damages are rectified in accordance with E13.

E11. ANNUAL REVIEW – INFLATIONARY ADJUSTMENT

- E11.1 The unit prices specified on Form B: Prices will be adjusted on the first Contract anniversary date, and subsequent anniversary dates based on the percentage increase or decrease in unit prices for the Contract year from the All-items Consumer Price Index for Winnipeg, normally referred to by Statistics Canada as Table 326-0001. The calculation of the adjustment will be based on October 1 of the previous year to October 1 of the current year. The first inflationary adjustment shall occur on October 1, 2015. The maximum annual adjustment shall not exceed 10%.
- E11.2 The index used will be that prepared by Statistics Canada. Since the index may not be available until sometime after the adjustment date, the adjustment will be retroactive.

E12. PRICE ADJUSTMENT – FUEL COSTS

- E12.1 Notwithstanding C11.2, price adjustments for unforeseen fuel cost changes will include increases or decreases in the price of diesel fuel.
- E12.2 The City of Winnipeg will determine the Base Price of fuel costs based on the average diesel fuel price for the month of July of 2014 charged to the Streets Maintenance Division by the City of Winnipeg Fleet Management Agency.

- E12.3 Price adjustments will be assessed on October 1 and on January 1 of each contract year.
- E12.3.1 Price adjustments will only be made for any fuel price increase or decrease in excess of three percent (3%).
- E12.3.2 The actual diesel fuel price (Actual Price) will be determined on the dates indicated in E12.3 using the average fuel price of the previous month (e.g. for October 1 the average price for the month of September will be used and for January 1 the average price for December will be used).
- E12.4 Price adjustments will be applied to seventeen percent (17%) of the unit price by the Contractor on all items, which is the portion of the bid price that is attributable to fuel.
- E12.4.1 If fuel prices increase by more than three percent (3%) of the Base Price identified in E12.2, then a price adjustment for fuel will be made and paid for based on the quantity of eligible work on each progress estimate following the date of adjustment in accordance with the following formula:
- $$\text{Price Adjustment} = (\text{Actual Price} - (1.03 \times \text{Base Price})) \times (0.17 \times \text{unit price})$$
- E12.4.2 If fuel prices decrease by more than three percent (3%) of the Base Price, then a price adjustment for fuel will be made and paid for based on the quantity of eligible Work on each progress estimate following the date of adjustment in accordance with the following formula:
- $$\text{Price Adjustment} = ((0.97 \times \text{Base Price}) - \text{Actual Price}) \times (0.17 \times \text{unit price})$$

E13. DAMAGE TO PUBLIC AND PRIVATE PROPERTY

- E13.1 The Contractor will be held responsible for any damage to City or private property sustained as a result of his snow clearing operation. Prior to commencement of the first clearing operation, the Contractor shall document and/or photograph all existing damage to pavements, curbs, utilities, street furniture, street signs, parking meters, etc., and shall provide this information to the City for verification.
- E13.2 The Contractor shall immediately report damages to City or private property to the Contract Inspector.
- E13.3 Any damage to pavements, boulevards, trees, etc. that in no way present a hazard to either pedestrian or vehicular traffic shall be reported to the Contract Administrator and rectified by the Contractor in accordance with City of Winnipeg specifications prior to June 30 following the snow clearing season. Damages not rectified by June 30 may be rectified by the City or its agents and all costs shall be borne by the Contractor and shall be deducted from monies owing.
- E13.4 The Contractor shall repair all curbs damaged as a result of snow clearing operations. The repairs will be conducted at the exact locations at which the curb damage was assessed. The Contractor shall remove and dispose of any loose curb material prior to April 15 of each year.
- E13.5 Any damage to street appurtenances such as, but not limited to, street light standards, signal lights, hydrants, valve boxes, railway signal arm protective devices shall be rectified immediately. If in the process of clearing snow from a street, the Contractor dislodges a manhole frame, it must be restored immediately. Failure to rectify damages immediately may result in the damages being rectified by the City or its agents and the associated costs borne by the Contractor. In the event that the manhole frame is damaged beyond replacement, the Contractor shall immediately install temporary warning devices to protect pedestrians and vehicles and notify the City at 311, so that a repair can be made by City forces. The costs for such repair will be borne totally by the Contractor.
- E13.6 The Contractor shall repair any sod damage caused by his snow clearing operations with top soil and seed or with sod as directed by the Contract Administrator. All restorations shall be in accordance with City of Winnipeg Standard Construction Specifications.

E13.7 The Contractor shall replace with equal, any recycling bins or refuse containers destroyed, lost or misplaced by his operations at least one (1) day prior to the next refuse day cycle.

E14. PENALTIES

E14.1 Where the Contractor does not satisfactorily complete the Work on Priority I, II, III streets, or back lanes in accordance with the time and quality requirements specified in E1.1, the Contractor shall be assessed a penalty.

E14.1.1 For Priority I streets, the penalty shall be in the amount of \$1,500.00 or an amount equal to fifty percent (50%) of the unit price per lane kilometre multiplied by the lane kilometres not satisfactorily completed multiplied by the snow accumulation factor, whichever is greater.

E14.1.2 For Priority II and Priority III streets, the penalty shall be in the amount of \$1,500.00 or an amount equal to twenty-five percent (25%) of the unit price per lane kilometre multiplied by the lane kilometres not satisfactorily completed multiplied by the snow accumulation factor, whichever is greater.

E14.1.3 For back lanes, the penalty shall be in the amount of \$1,500.00 or an amount equal to twenty-five percent (25%) of the unit price per kilometre times the kilometres not satisfactorily completed, whichever is greater for each back lane.

E14.1.4 Streets and back lanes that the Contract Administrator deems to be deficient in whole and not in part will be considered incomplete and may be subject to the above penalty.

E14.2 Where the Contractor does not supply up to the minimum quantity and type of equipment identified in E4 within two hours as outlined in E3.1.6 of the Specifications, the Contractor shall be assessed a penalty of five hundred dollars (\$500.00) per piece of equipment per call out below the minimum number as specified in E4. The minimum requirement shall apply throughout the duration of the operation from call-out to release of equipment.

E14.3 Where the Contractor does not satisfactorily perform any snow clearing operation in accordance with the requirements of E1.1, particularly in reference to the quality of the Work following an inspection by the Contract Administrator the Work shall be declared a deficiency. The Contractor shall be requested to rectify the portion of streets or back lanes found to be unsatisfactory in quality within twenty-four (24) hours of notification or in a time period to be agreed to by the Contract Administrator. Failure to respond may result in the City performing the required Work and charging the cost of such Work back to the Contractor.

E14.4 Any performance deficiency related to E1.1 such as, but not limited to, depositing snow in unauthorized locations, depositing snow on private property, or not removing snow windrows from approaches, shall be rectified immediately by the Contractor. Failure to respond will result in the City or its agent rectifying the deficiencies and charging the costs back to the Contractor.

E14.5 Where the Contractor fails to replace recycling bins or refuse containers as described in E13.7, the City will replace these items and assess a penalty of \$100.00 per item.

Template Version: S320140606 - S LR

APPENDIX A – SOUTH AREA (EAST) PRIORITY I STREETS

STREET NAME	FROM STREET	TO STREET	SNOW ROUTE	PRIORITY	LANE KM
* Academy Rd	Academy Rd	Wellington Cr	Regional	P1	0.22
* Academy Rd	Maryland Bridge	Stafford St	Regional	P1	0.79
Adamar Rd	Pembina Hw	Pembina Hw	Regional	P1	0.05
Arbuthnot St	Pembina Hw	Pembina Hw	Regional	P1	0.07
Byng Pl	Pembina Hw	Pembina Hw	Regional	P1	0.08
Calrossie Bv	Pembina Hw	Pembina Hw	Regional	P1	0.08
Carter Av	Pembina Hw	Pembina Hw	Regional	P1	0.06
Clarence Av	Pembina Hw	Pembina Hw	Regional	P1	0.04
* Corydon Av	Arbuthnot St	Cockburn St N	Regional	P1	0.35
* Corydon Av	Lilac St	Wentworth St	Regional	P1	0.52
* Corydon Av	Daly St N	Hugo St N	Regional	P1	0.52
* Corydon Av	Stafford St	Wentworth St	Regional	P1	0.34
* Corydon Av	Pembina Hw	Osborne St	Regional	P1	0.17
* Corydon Av	Arbuthnot St	Lilac St	Regional	P1	0.35
* Corydon Av	Corydon Av	McMillan Av	Regional	P1	0.10
* Corydon Av	Daly St N	Nassau St N	Regional	P1	0.70
* Corydon Av	Osborne St	Donald St	Regional	P1	0.57
* Corydon Av	Nassau St N	Pembina Hw	Regional	P1	0.48
* Corydon Av	Pembina Hw	Osborne St	Regional	P1	0.12
* Corydon Av	Cockburn St N	Hugo St N	Regional	P1	0.69
* Corydon Av	Nassau St N	Pembina Hw	Regional	P1	0.15
Crane Av	Pembina Hw	Pembina Hw	Regional	P1	0.04
Crescent Dr	Pembina Hw	Pembina Hw	Regional	P1	0.05
Daly St N	Pembina Hw	Garwood Av	Regional	P1	0.05
* Donald St	Stradbrook Av	Bell Av	Regional	P1	0.52
* Donald St	Midtown Bridge	River Av	Regional	P1	0.31
* Donald St	Midtown Bridge	River Av	Regional	P1	0.32
* Donald St	Corydon Av	Scott St	Regional	P1	0.05

Template Version: S320140606 - S LR

* Donald St	Broadway Af	Hargrave Pl	Regional	P1	0.35
* Donald St	Bell Av	River Av	Regional	P1	0.23
* Donald St	River Av	Bell Av	Regional	P1	0.34
* Donald St	River Av	Hargrave Pl	Regional	P1	0.18
* Donald St	Gertrude Av	Scott St	Regional	P1	0.56
* Donald St	Scott St	Lagopoulos Wy	Regional	P1	0.55
* Donald St	Lagopoulos Wy	Gertrude Av	Regional	P1	0.25
* Donald St	Bell Av	Clarke St	Regional	P1	0.34
* Donald St	Clarke St	Stradbrook Av	Regional	P1	0.09
* Donald St	Stradbrook Av	Wardlaw Av	Regional	P1	0.41
* Donald St	Lagopoulos Wy	Lagopoulos Wy	Regional	P1	0.15
* Donald St	Lagopoulos Wy	Stradbrook Av	Regional	P1	0.24
Dowker Av	Pembina Hw	Pembina Hw	Regional	P1	0.08
Dudley Av	Pembina Hw	Pembina Hw	Regional	P1	0.09
Finch By	Pembina Hw	Pembina Hw	Regional	P1	0.04
Fleet Av	Garwood Av	Fleet Av	Regional	P1	0.07
Fletcher Cr	Pembina Hw	Pembina Hw	Regional	P1	0.05
Garwood Av	Pembina Hw	Pembina Hw	Regional	P1	0.09
Grant Av	Lilac St	Stafford St	Regional	P1	0.69
Grant Av	Stafford St	Lilac St	Regional	P1	1.38
Grant Av	Lilac St	Pembina Hw	Regional	P1	1.52
Grant Av	Pembina Hw	Lilac St	Regional	P1	0.78
Grant Av	Pembina Hw	Pembina Hw	Regional	P1	0.05
Grant Av	Grant Av	Pembina Hw	Regional	P1	0.11
Grant Av	Pembina Hw	Pembina Hw	Regional	P1	0.09
Harkness St	Bell Av	River Av	Regional	P1	0.31
Harkness St	Bell Av	Stradbrook Av	Regional	P1	0.10
Harkness St	Mayfair Av	River Av	Regional	P1	0.18
Harkness St	Bell Av	River Av	Regional	P1	0.11
Harrow St E	Pembina Hw	Pembina Hw	Regional	P1	0.07
Hugo St N	Lorette Av	Pembina Hw	Regional	P1	0.06
Hugo St N	Lorette Av	Pembina Hw	Regional	P1	0.03

Template Version: S320140606 - S LR

Jackson Av	Pembina Hw	Pembina Hw	Regional	P1	0.08
* Jubilee Av	Pembina Hw	Jubilee Av	Regional	P1	0.54
* Jubilee Av	Cockburn St S	Daly St S	Regional	P1	1.03
* Jubilee Av	Cockburn St S	Riverdale St	Regional	P1	0.34
Jubilee Av	Jubilee Av WB to Pembina Hw	Pembina Hw SB to Jubilee Av	Regional	P1	0.23
* Jubilee Av	Lilac St	Riverside Dr	Regional	P1	0.24
* Jubilee Av	Lilac St	Riverdale St	Regional	P1	0.35
* Jubilee Av	Jubilee Av	Osborne St	Regional	P1	0.15
* Jubilee Av	Daly St S	Nassau St S	Regional	P1	0.47
Jubilee Av	Jubilee Av WB to Pembina Hw	Riverside Dr	Regional	P1	0.70
Jubilee Av	Pembina Hw SB to Jubilee Av	Pembina Hw	Regional	P1	0.41
* Jubilee Av	Jubilee Av	Jubilee Av	Regional	P1	0.05
* Jubilee Av	Nassau St S	Osborne St	Regional	P1	0.87
Jubilee Av WB Overpass	Pembina Hw	Jubilee Av	Regional	P1	0.25
Jubilee Av WB Overpass	Jubilee Av	Pembina Hw	Regional	P1	0.13
Jubilee Av WB to Pembina	Jubilee Av WB Overpass Over	Pembina Hw	Regional	P1	1.06
Jubilee Av WB to Pembina	Jubilee Av	Jubilee Av WB Overpass Over	Regional	P1	0.88
Kelsey Av	Pembina Hw	Pembina Hw	Regional	P1	0.05
Lagopoulos Wy	Donald St	Donald St	Regional	P1	0.06
Lilac St	Pembina Hw	Pembina Hw	Regional	P1	0.08
Lilac St	Grant Av	Grant Av	Regional	P1	0.04
Lorette Av	Pembina Hw	Hugo St N	Regional	P1	0.04
Lorette Av	Hugo St N	Pembina Hw	Regional	P1	0.04
Manahan Av	Pembina Hw	Pembina Hw	Regional	P1	0.06
Mayfair Av	Harkness St	Queen Elizabeth Way	Regional	P1	0.53
* McMillan Av	Scott St	Osborne St	Regional	P1	1.12
Merriam Bv	Pembina Hw	Pembina Hw	Regional	P1	0.06
Midtown Bridge	Smith St	Donald St	Regional	P1	0.65
Midtown Bridge	Donald St	Donald St	Regional	P1	0.65
Nassau St N	Mulvey Av	Warsaw Av	Regional	P1	0.10
Nesbitt By	Pembina Hw	Pembina Hw	Regional	P1	0.04
North Dr	Pembina Hw	Pembina Hw	Regional	P1	0.07

Template Version: S320140606 - S LR

Oakenwald Av	Pembina Hw	Pembina Hw	Regional	P1	0.06
Oakenwald Av	Pembina Hw	Pembina Hw	Regional	P1	0.04
Osborne Bridge	Osborne St	Assiniboine Av	Regional	P1	0.38
Osborne Bridge	Osborne St	Mostyn Pl	Regional	P1	0.56
* Osborne St	Jessie Av	Donald St	Regional	P1	0.29
* Osborne St	Stradbrook Av	Wardlaw Av	Regional	P1	0.34
* Osborne St	River Av	Stradbrook Av	Regional	P1	0.59
* Osborne St	Roslyn Rd	River Av	Regional	P1	0.38
* Osborne St	Carlaw Av	Hethrington Av	Regional	P1	0.34
* Osborne St	Balfour Av	Rosedale Av	Regional	P1	0.18
* Osborne St	Balfour Av	Jubilee Av	Regional	P1	0.17
* Osborne St	Baltimore Rd	Beresford Av	Regional	P1	0.22
* Osborne St	Bartlet Av	Kylemore Av	Regional	P1	0.32
* Osborne St	Glasgow Av	Togo Av	Regional	P1	0.20
* Osborne St	Arnold Av	Hethrington Av	Regional	P1	0.17
* Osborne St	Beresford Av	Ashland Av	Regional	P1	0.16
* Osborne St	Bartlet Av	Morley Av	Regional	P1	0.19
* Osborne St	Rathgar Av	Oakwood Av	Regional	P1	0.13
* Osborne St	Roslyn Rd	Osborne Bridge	Regional	P1	0.39
* Osborne St	Roslyn Rd	Osborne Bridge	Regional	P1	0.40
* Osborne St	Togo Av	Don Av	Regional	P1	0.26
* Osborne St	Osborne St	Stradbrook Av	Regional	P1	0.18
* Osborne St	Corydon Av	Pembina Hw	Regional	P1	0.03
* Osborne St	Jessie Av	Mulvey Av	Regional	P1	0.57
* Osborne St	Mulvey Av	Don Av	Regional	P1	0.50
* Osborne St	Walker Av	Oakwood Av	Regional	P1	0.03
* Osborne St	Corydon Av	McMillan Av	Regional	P1	0.15
* Osborne St	Gertrude Av	McMillan Av	Regional	P1	0.34
* Osborne St	Kylemore Av	Walker Av	Regional	P1	0.16
* Osborne St	Osborne St	Donald St	Regional	P1	0.28
* Osborne St	Glasgow Av	Woodward Av	Regional	P1	0.17
* Osborne St	Carlaw Av	Brandon Av	Regional	P1	0.34

Template Version: S320140606 - S LR

* Osborne St	Arnold Av	Morley Av	Regional	P1	0.34
* Osborne St	Rosedale Av	Jubilee Av	Regional	P1	0.22
* Osborne St	Roslyn Rd	Osborne St	Regional	P1	0.20
* Osborne St	Osborne St	Stradbrook Av	Regional	P1	0.30
* Osborne St	Rosedale Av	Ashland Av	Regional	P1	0.15
* Osborne St	Baltimore Rd	Rathgar Av	Regional	P1	0.16
* Osborne St	Osborne St	River Av	Regional	P1	0.14
* Osborne St	Bartlet Av	Maplewood Av	Regional	P1	0.03
* Osborne St	Gertrude Av	Wardlaw Av	Regional	P1	0.30
* Osborne St	Osborne St	Osborne St	Regional	P1	0.02
* Osborne St	Brandon Av	Woodward Av	Regional	P1	0.26
* Osborne St N	Broadway Af	Mostyn Pl	Regional	P1	1.05
* Osborne St N	Assiniboine Av	Osborne St N	Regional	P1	0.77
* Pembina Hw	Arbuthnot St	Carter Av	Regional	P1	0.30
* Pembina Hw	Pembina Hw	Pembina Hw	Regional	P1	0.09
* Pembina Hw	Merriam Bv	Jubilee Av	Regional	P1	0.73
* Pembina Hw	Adamar Rd	Public Rd	Regional	P1	0.72
* Pembina Hw	Adamar Rd	Manahan Av	Regional	P1	2.14
* Pembina Hw	McGillivray Bv	Waller Av	Regional	P1	0.65
* Pembina Hw	North Dr	Rockman St	Regional	P1	0.36
* Pembina Hw	Calrossie Bv	Merriam Bv	Regional	P1	0.24
* Pembina Hw	Pembina Hw	Pembina Hw	Regional	P1	0.04
* Pembina Hw	Pembina Hw	Pembina Hw	Regional	P1	0.07
* Pembina Hw	Pembina Hw	Pembina Hw	Regional	P1	0.06
* Pembina Hw	Pembina Hw	Pembina Hw	Regional	P1	0.06
* Pembina Hw	Fleet Av	Mulvey Av	Regional	P1	0.38
* Pembina Hw	Pembina Hw	Pembina Hw	Regional	P1	0.07
* Pembina Hw	North Dr	Waterford Av	Regional	P1	0.18
* Pembina Hw	Nesbitt By	Finch By	Regional	P1	0.21
* Pembina Hw	Boston Av	Crane Av	Regional	P1	0.09
* Pembina Hw	Fleet Av	Garwood Av	Regional	P1	0.17
* Pembina Hw	Lilac St	Hector Av	Regional	P1	0.29

Template Version: S320140606 - S LR

* Pembina Hw	Pembina Hw	Pembina Hw	Regional	P1	0.06
* Pembina Hw	Dudley Av	Dudley Av	Regional	P1	0.03
* Pembina Hw	Pembina Hw	Pembina Hw	Regional	P1	0.09
* Pembina Hw	Pembina Hw	Pembina Hw	Regional	P1	0.06
Pembina Hw	Public Rd	Pembina Hw SB to Bishop	Regional	P1	0.78
* Pembina Hw	Pembina Hw	Pembina Hw	Regional	P1	0.05
* Pembina Hw	Arbuthnot St	Carter Av	Regional	P1	0.12
* Pembina Hw	Daly St N	Dudley Av	Regional	P1	0.46
* Pembina Hw	Stafford St	Taylor Av	Regional	P1	0.09
* Pembina Hw	Jackson Av	Lilac St	Regional	P1	0.11
* Pembina Hw	Jackson Av	Lilac St	Regional	P1	0.09
* Pembina Hw	Rockman St	Somerset Av	Regional	P1	0.02
Pembina Hw	Pembina Hw SB to Jubilee Av	Jubilee Av WB to Pembina Hw	Regional	P1	0.34
* Pembina Hw	Scotland Av	Lorette Av	Regional	P1	0.05
* Pembina Hw	Hugo St N	Lorette Av	Regional	P1	0.08
* Pembina Hw	Riverwood Av	Southwood Av	Regional	P1	0.44
* Pembina Hw	Carter Av	Weatherdon Av	Regional	P1	0.52
* Pembina Hw	Royse Av	Crane Av	Regional	P1	0.25
* Pembina Hw	Oakenwald Av	Oakenwald Av	Regional	P1	0.02
* Pembina Hw	Crescent Dr	Riviera Av	Regional	P1	0.28
* Pembina Hw	Manahan Av	Riviera Av	Regional	P1	0.14
Pembina Hw	Pembina Hw NB to Bishop	Bishop Grandin Bv WB to	Regional	P1	0.50
* Pembina Hw	Riviera Av	Manahan Av	Regional	P1	0.18
* Pembina Hw	Chevrier Bv	Nesbitt By	Regional	P1	0.41
* Pembina Hw	Boston Av	Clarence Av	Regional	P1	0.35
* Pembina Hw	Royse Av	Crane Av	Regional	P1	0.12
* Pembina Hw	Chevrier Bv	Riviera Av	Regional	P1	0.32
* Pembina Hw	Daly St N	Garwood Av	Regional	P1	0.17
* Pembina Hw	Harrow St	Stafford St	Regional	P1	0.21
* Pembina Hw	Crescent Dr	Nesbitt By	Regional	P1	0.37
* Pembina Hw	Oakenwald Av	Riverwood Av	Regional	P1	0.20
* Pembina Hw	Carter Av	Weatherdon Av	Regional	P1	0.52

Template Version: S320140606 - S LR

* Pembina Hw	Fleet Av	Mulvey Av	Regional	P1	0.06
* Pembina Hw	Garwood Av	Daly St N	Regional	P1	0.21
* Pembina Hw	Dudley Av	Lorette Av	Regional	P1	0.40
* Pembina Hw	Fletcher Cr	Clarence Av	Regional	P1	0.13
* Pembina Hw	Fletcher Cr	Clarence Av	Regional	P1	0.22
* Pembina Hw	Calrossie Bv	Merriam Bv	Regional	P1	0.12
* Pembina Hw	North Dr	Somerset Av	Regional	P1	0.44
* Pembina Hw	Wentworth St	Jackson Av	Regional	P1	0.39
* Pembina Hw	Dudley Av	Lorette Av	Regional	P1	0.33
* Pembina Hw	Plaza Dr	Plaza Dr	Regional	P1	0.03
* Pembina Hw	Riverwood Av	Southwood Av	Regional	P1	0.31
Pembina Hw	Harrow St E	Pembina Hw SB to Jubilee Av	Regional	P1	1.10
* Pembina Hw	Jubilee Av	Harrow St E	Regional	P1	0.62
* Pembina Hw	Fletcher Cr	Howard Av	Regional	P1	0.36
* Pembina Hw	Radisson Av	Waller Av	Regional	P1	0.27
* Pembina Hw	Jackson Av	Lilac St	Regional	P1	0.18
* Pembina Hw	Radisson Av	Waller Av	Regional	P1	0.34
* Pembina Hw	Pembina Hw	Pembina Hw	Regional	P1	0.06
* Pembina Hw	Arbuthnot St	Hector Av	Regional	P1	0.25
* Pembina Hw	Nesbitt By	Finch By	Regional	P1	0.29
* Pembina Hw	Wentworth St	Jackson Av	Regional	P1	0.56
* Pembina Hw	Pembina Hw	Pembina Hw	Regional	P1	0.09
* Pembina Hw	Waterford Av	Waterford Av	Regional	P1	0.08
* Pembina Hw	Kelsey Av	Dowker Av	Regional	P1	0.14
* Pembina Hw	Harrow St	Stafford St	Regional	P1	0.29
* Pembina Hw	Fletcher Cr	Howard Av	Regional	P1	0.08
* Pembina Hw	Grant Av	Grant Av	Regional	P1	0.04
* Pembina Hw	Royse Av	Finch By	Regional	P1	0.36
Pembina Hw	Bishop Grandin Bv WB to	Plaza Dr	Regional	P1	0.80
* Pembina Hw	Byng Pl	Calrossie Bv	Regional	P1	0.23
* Pembina Hw	Byng Pl	Calrossie Bv	Regional	P1	0.45
* Pembina Hw	Mcgillivray Bv	Riverwood Av	Regional	P1	0.31

Template Version: S320140606 - S LR

* Pembina Hw	Grant Av	Scotland Av	Regional	P1	0.56
* Pembina Hw	Scotland Av	Grant Av	Regional	P1	0.60
* Pembina Hw	Stafford St	Wentworth St	Regional	P1	0.93
* Pembina Hw	Stafford St	Taylor Av	Regional	P1	0.94
* Pembina Hw	Byng Pl	Point Rd	Regional	P1	0.50
* Pembina Hw	Byng Pl	Windermere Av	Regional	P1	0.58
* Pembina Hw	Corydon Av	Jessie Av	Regional	P1	0.64
* Pembina Hw	Pembina Hw	University Cr	Regional	P1	0.05
Pembina Hw	Pembina Hw	Pembina Hw Overpass	Regional	P1	0.34
Pembina Hw	University Cr	Pembina Hw Overpass	Regional	P1	0.11
* Pembina Hw	Ebby Av	Arbuthnot St	Regional	P1	0.30
* Pembina Hw	North Dr	Waterford Av	Regional	P1	0.43
* Pembina Hw	Radisson Av	Dowker Av	Regional	P1	0.08
* Pembina Hw	Boston Av	Clarence Av	Regional	P1	0.24
* Pembina Hw	Waterford Av	Southwood Av	Regional	P1	0.47
* Pembina Hw	Pembina Hw	Bishop Grandin Bv	Regional	P1	0.07
* Pembina Hw	Public Rd	Public Rd	Regional	P1	0.01
* Pembina Hw	McGillivray Bv	McGillivray Bv	Regional	P1	0.05
* Pembina Hw	Adamar Rd	Manahan Av	Regional	P1	2.88
* Pembina Hw	Pembina Hw	Point Rd	Regional	P1	0.13
* Pembina Hw	Pembina Hw	Corydon Av	Regional	P1	0.25
* Pembina Hw	Jessie Av	Warsaw Av	Regional	P1	0.53
* Pembina Hw	Pembina Hw	McGillivray Bv	Regional	P1	0.22
* Pembina Hw	Fleet Av	Nassau St N	Regional	P1	0.13
* Pembina Hw	Howard Av	Kelsey Av	Regional	P1	0.29
* Pembina Hw	Corydon Av	Osborne St	Regional	P1	0.50
* Pembina Hw	Scotland Av	Hugo St N	Regional	P1	0.12
* Pembina Hw	Scotland Av	Lorette Av	Regional	P1	0.31
* Pembina Hw	Grant Av	Grant Av	Regional	P1	0.06
* Pembina Hw	Pembina Hw	Grant Av	Regional	P1	0.44
* Pembina Hw	Grant Av	Weatherdon Av	Regional	P1	0.15
* Pembina Hw	Fleet Av	Garwood Av	Regional	P1	0.42

Template Version: S320140606 - S LR

* Pembina Hw	Mulvey Av	Nassau St N	Regional	P1	0.18
* Pembina Hw	Pembina Hw	Corydon Av	Regional	P1	0.40
* Pembina Hw	Oakenwald Av	Waller Av	Regional	P1	0.64
* Pembina Hw	Somerset Av	Windermere Av	Regional	P1	0.80
* Pembina Hw	Jessie Av	Warsaw Av	Regional	P1	0.39
* Pembina Hw	Daly St N	Dudley Av	Regional	P1	0.32
* Pembina Hw	Pembina Hw	Jessie Av	Regional	P1	0.06
* Pembina Hw	Pembina Hw	Pembina Hw	Regional	P1	0.09
* Pembina Hw	Royse Av	Dumas Av	Regional	P1	0.27
* Pembina Hw	Pembina Hw	Pembina Hw	Regional	P1	0.06
* Pembina Hw	Warsaw Av	Nassau St N	Regional	P1	0.12
* Pembina Hw	Pembina Hw	Osborne St	No	P1	0.18
* Pembina Hw	Corydon Av	Jessie Av	Regional	P1	0.36
* Pembina Hw	Warsaw Av	Nassau St N	Regional	P1	0.21
Pembina Hw	Jubilee Av WB to Pembina Hw	Merriam Bv	Regional	P1	0.06
* Pembina Hw	Southwood Av	Waterford Av	Regional	P1	0.43
* Pembina Hw	Weatherdon Av	Grant Av	Regional	P1	0.24
* Pembina Hw	Dowker Av	Kelsey Av	Regional	P1	0.20
* Pembina Hw	Adamar Rd	Plaza Dr	Regional	P1	0.18
* Pembina Hw	Somerset Av	Point Rd	Regional	P1	0.20
* Pembina Hw	Lilac St	Ebby Av	Regional	P1	0.24
Pembina Hw Overpass	Pembina Hw	Pembina Hw	Regional	P1	0.44
Pembina Hw Overpass	Pembina Hw	Pembina Hw	Regional	P1	0.33
Pembina Hw SB to Jubilee Av	Jubilee Av	Jubilee Av	Regional	P1	0.01
Pembina Hw SB to Jubilee Av	Pembina Hw	Jubilee Av WB Overpass Over	Regional	P1	0.50
Pembina Hw SB to Jubilee Av	Jubilee Av WB Overpass Over	Jubilee Av	Regional	P1	0.34
Plaza Dr	Pembina Hw	Pembina Hw	Regional	P1	0.06
Plaza Dr	Pembina Hw	Pembina Hw	Regional	P1	0.08
Plaza Dr	Public Rd	Pembina Hwy	No	NA	0.24
Plaza Dr	Pembina Hwy	End	No	NA	0.53
Point Rd	Pembina Hw	Windermere Av	Regional	P1	0.11
River Av	Osborne St	Gerard St	Regional	P1	0.35

Template Version: S320140606 - S LR

River Av	Bole St	Pulford St	Regional	P1	0.26
River Av	Cauchon St	Scott St	Regional	P1	0.26
River Av	Cauchon St	Lewis St	Regional	P1	0.26
River Av	Nassau St N	Wilmot Pl	Regional	P1	0.37
River Av	Scott St	Bryce St	Regional	P1	0.16
River Av	Nassau St N	Norquay St	Regional	P1	0.14
River Av	Donald St	Donald St	Regional	P1	0.04
River Av	Wilmot Pl	Wellington Cr	Regional	P1	0.28
River Av	Wilmot Pl	Wilmot Pl	Regional	P1	0.02
River Av	Pulford St	Osborne St	Regional	P1	0.25
River Av	Bryce St	Bryce St	Regional	P1	0.18
River Av	Norquay St	Gerard St	Regional	P1	0.34
River Av	Clarke St	Lewis St	Regional	P1	0.09
River Av	Clarke St	Mayfair Pl	Regional	P1	0.18
River Av	Harkness St	Donald St	Regional	P1	0.39
River Av	Harkness St	Donald St	Regional	P1	0.14
River Av	Donald St	Mayfair Pl	Regional	P1	0.23
Riverwood Av	Pembina Hw	Pembina Hw	Regional	P1	0.07
Riviera Av	Pembina Hw	Pembina Hw	Regional	P1	0.04
Roslyn Rd	Osborne St	Osborne St	Regional	P1	0.03
Royse Av	Pembina Hw	Pembina Hw	Regional	P1	0.09
Scott St	Donald St	Gertrude Av	Regional	P1	0.04
Smith St	Broadway Af	Navy Wy	Regional	P1	0.25
Smith St	Navy Wy	Midtown Bridge	Regional	P1	0.69
Somerset Av	Pembina Hw	Pembina Hw	Regional	P1	0.10
Southwood Av	Pembina Hw	Pembina Hw	Regional	P1	0.05
* Stafford St	Pembina Hw	Taylor Av	Regional	P1	0.47
* Stafford St	Dudley Av	Lorette Av	Regional	P1	0.17
* Stafford St	Grosvenor Av	Yale Av	Regional	P1	0.22
* Stafford St	Fleet Av	Mulvey Av	Regional	P1	0.33
* Stafford St	Jackson Av	Taylor Av	Regional	P1	0.16
* Stafford St	Carter Av	Hector Av	Regional	P1	0.34

Template Version: S320140606 - S LR

* Stafford St	Warsaw Av	Jessie Av	Regional	P1	0.20
* Stafford St	Jessie Av	Corydon Av	Regional	P1	0.20
* Stafford St	Dorchester Av	McMillan Av	Regional	P1	0.20
* Stafford St	Lorette Av	Scotland Av	Regional	P1	0.10
* Stafford St	Carter Av	Weatherdon Av	Regional	P1	0.08
* Stafford St	Grant Av	Scotland Av	Regional	P1	0.12
* Stafford St	Ebby Av	Hector Av	Regional	P1	0.34
* Stafford St	Grant Av	Weatherdon Av	Regional	P1	0.28
* Stafford St	Ebby Av	Jackson Av	Regional	P1	0.17
* Stafford St	Fleet Av	Garwood Av	Regional	P1	0.34
* Stafford St	Mulvey Av	Warsaw Av	Regional	P1	0.18
* Stafford St	Corydon Av	McMillan Av	Regional	P1	0.40
* Stafford St	Taylor Av	Taylor Av	Regional	P1	0.03
* Stafford St	Pembina Hw	Pembina Hw	Regional	P1	0.05
* Stafford St	Dudley Av	Garwood Av	Regional	P1	0.17
* Stafford St	Stafford St	Stafford St	No	P1	0.21
* Stafford St	Stafford St	Academy Rd	Regional	P1	0.16
* Stafford St	Kingsway Af	Harvard Av	Regional	P1	0.26
* Stafford St	Kingsway Af	Academy Rd	Regional	P1	0.40
* Stafford St	Dorchester Av	Grosvenor Av	Regional	P1	0.40
* Stafford St	Harvard Av	Yale Av	Regional	P1	0.27
Stradbrook Av	River Av	Harkness St	Regional	P1	0.03
Stradbrook Av	River Av	Harkness St	Regional	P1	0.54
Stradbrook Av	Osborne St	Osborne St	Regional	P1	0.02
Stradbrook Av	Wellington Cr	Nassau St N	Regional	P1	0.36
Stradbrook Av	Donald St	Stradbrook Av	Regional	P1	0.49
Stradbrook Av	Donald St	Scott St	Regional	P1	0.52
Stradbrook Av	Nassau St N	Osborne St	Regional	P1	1.07
Stradbrook Av	Donald St	Donald St	Regional	P1	0.03
Stradbrook Av	Stradbrook Av	Harkness Av	Regional	P1	0.16
Stradbrook Av	Osborne St	Scott St	Regional	P1	0.92
Stradbrook Av	Queen Elizabeth Wy	Stradbrook Av	Regional	P1	1.13

Template Version: S320140606 - S LR

* Taylor Av	Stafford St	Pembina Hw	Regional	P1	0.52
* Taylor Av	Wentworth St	Stafford St	Regional	P1	0.35
Taylor Av	Pembina Hw	Pembina Hw	Regional	P1	0.06
Waller Av	Pembina Hw	Pembina Hw	Regional	P1	0.04
Warsaw Av	Pembina Hw	Pembina Hw	Regional	P1	0.09
Waterford Av	Pembina Hw	Pembina Hw	Regional	P1	0.04
Weatherdon Av	Pembina Hw	Pembina Hw	Regional	P1	0.10
* Wellington Cr	Stradbrook Av	River Av	Regional	P1	0.52
* Wellington Cr	Hugo St N	Wardlaw Av	Regional	P1	0.57
* Wellington Cr	Wardlaw Av	Stradbrook Av	Regional	P1	0.25
* Wellington Cr	Wellington Cr	Grosvenor Av	Regional	P1	0.40
* Wellington Cr	Stradbrook Av	Wardlaw Av	Regional	P1	0.36
* Wellington Cr	Grosvenor Av	Palk Rd	Regional	P1	0.71
* Wellington Cr	Grosvenor Av	Dorchester Av	Regional	P1	0.50
* Wellington Cr	Gertrude Av	Cockburn St N	Regional	P1	0.18
* Wellington Cr	Cockburn St N	Dorchester Av	Regional	P1	0.20
* Wellington Cr	Kingsway Af	Palk Rd	Regional	P1	0.40
* Wellington Cr	Academy Rd	Kingsway Af	Regional	P1	1.06
Wentworth St	Pembina Hw	Pembina Hw	Regional	P1	0.09
TOTAL					114.67

Note: “**” denotes snow to be cleared from streets and lane intersections, pedestrian crosswalks and corridors, private approaches, railway crossings and bus stops to be hauled away when street cleared.

Template Version: S320140606 - S LR

APPENDIX B – SOUTH AREA (EAST) PRIORITY II STREETS

STREET NAME	FROM STREET	TO STREET	SNOW ROUTE	PRIORITY	LANE KM
Argue St	Walker Av	Berwick Pl	Non	P2	0.51
Argue St	Rathgar Av	Walker Av	Non	P2	0.24
Beaumont St	Edderton Av	Venus By	Non	P2	0.19
Beaumont St	Parker Av	Rosemount Av	Non	P2	0.17
Beaumont St	Rosemount Av	Edderton By	Non	P2	0.18
Beaumont St	Mars Dr	Waterford By	Non	P2	0.16
Beaumont St	Mars Dr	Somerville Av	Non	P2	0.16
Beaumont St	Waterford Av	Waterford By	Non	P2	0.16
Beaumont St	Riverwood Av	Southwood Av	Non	P2	0.16
Beaumont St	Concord Av	Southwood Av	Non	P2	0.07
Beaumont St	Venus By	Windermere Av	Non	P2	0.19
Beaumont St	Somerville Av	Windermere Av	Non	P2	0.17
Beaumont St	Concord Av	Waterford Av	Non	P2	0.17
Beaumont St	Mcgillivray Pl	Riverwood Av	Non	P2	0.15
Beresford Av	Cockburn St S	Daly St S	Non	P2	0.69
Berwick Pl	Argue St	Daly St S	Non	P2	0.36
Berwick Pl	Argue St	Hugo St S	Non	P2	0.48
Brandon Av	Churchill Dr	Osborne St	Non	P2	0.50
Churchill Dr	Daly St S	Cockburn St S	Non	P2	0.79
Churchill Dr	Montgomery Av	Eccles St	Non	P2	0.22
Churchill Dr	Fisher St	Montgomery Av	Non	P2	0.58
Churchill Dr	Daly St S	Montague Av	Non	P2	0.07
Churchill Dr	Casey St	Churchill Dr WB to Osborne St	Non	P2	0.67
Churchill Dr	Casey St	Fisher St	Non	P2	0.35
Churchill Dr	Hay St	Eccles St	Non	P2	1.47
Churchill Dr	Churchill Dr WB to Osborne St	Osborne St SB to Churchill Dr	Non	P2	0.46
Churchill Dr	Montague Av	Osborne St SB to Churchill Dr	Non	P2	0.77
Churchill Dr WB to Osborne St	Montgomery Av	Wavell Av	Non	P2	0.21

Template Version: S320140606 - S LR

Churchill Dr WB to Osborne St	Montgomery Av	Osborne St	Non	P2	0.04
Churchill Dr WB to Osborne St	Churchill Dr	Wavell Av	Non	P2	0.25
Cockburn St N	Dudley Av	Lorette Av	Non	P2	0.17
Cockburn St N	Mulvey Av	Warsaw Av	Non	P2	0.18
Cockburn St N	Fleet Av	Mulvey Av	Non	P2	0.16
Cockburn St N	Jessie Av	Warsaw Av	Non	P2	0.20
Cockburn St N	Corydon Av	Jessie Av	Non	P2	0.20
Cockburn St N	Lorette Av	Scotland Av	Non	P2	0.10
Cockburn St N	Fleet Av	Garwood Av	Non	P2	0.17
Cockburn St N	Corydon Av	McMillan Av	Non	P2	0.20
Cockburn St N	Garwood Av	Dudley Av	Non	P2	0.17
Cockburn St N	McMillan Av	Wellington Cr	Non	P2	0.18
Cockburn St S	Rathgar Av	Beresford Av	Non	P2	0.20
Cockburn St S	Rosedale Av	Jubilee Av	Non	P2	0.22
Cockburn St S	Beresford Av	Rosedale Av	Non	P2	0.20
Cockburn St S	Churchill Dr	Jubilee Av	Non	P2	0.10
Crane Av	Buxton Rd	South Dr	Non	P2	0.25
Crane Av	Sandra By	Buxton Rd	Non	P2	0.25
Crane Av	Garnet By	Pembina Hw	Non	P2	0.21
Crane Av	Oriole St	Sandra By	Non	P2	0.19
Crane Av	Bathgate By	Garnet By	Non	P2	0.08
Crane Av	Pheasant St	Garnet By	Non	P2	0.19
Crane Av	Sandra By	Bathgate By	Non	P2	0.22
Crane Av	Bathgate By	Garnet By	Non	P2	0.12
Crescent Dr	Kebir Pl	Nesbitt By	Non	P2	0.13
Crescent Dr	Nesbitt By	Riviera Cr	Non	P2	0.24
Crescent Dr	Kebir Pl	South Dr	Non	P2	0.62
Crescent Dr	Pembina Hw	Riviera Cr	Non	P2	0.39
Daly St S	Beresford Av	Rathgar Av	Non	P2	0.19
Daly St S	Stinson Av	Kylemore Av	Non	P2	0.18
Daly St S	Kylemore Av	Walker Av	Non	P2	0.16
Daly St S	Berwick Pl	Morley Av	Non	P2	0.17

Template Version: S320140606 - S LR

Daly St S	Rathgar Av	Walker Av	Non	P2	0.16
Daly St S	Berwick Pl	Stinson Av	Non	P2	0.07
Dowker Av	Wicklow Pl	Wicklow St	Non	P2	0.20
Dowker Av	Crowson By	Crowson By	Non	P2	0.19
Dowker Av	Buxton Rd	South Dr	Non	P2	0.21
Dowker Av	Wicklow Pl	Wicklow St	Non	P2	0.17
Dowker Av	Crowson By	Fletcher Cr	Non	P2	0.19
Dowker Av	Fletcher Cr	Kenneth St	Non	P2	0.20
Dowker Av	Buxton Rd	Lyon St	Non	P2	0.09
Dowker Av	Wicklow Pl	Wicklow St	Non	P2	0.03
Dowker Av	Crowson By	Riley Cr	Non	P2	0.22
Dowker Av	Kenneth St	Pembina Hw	Non	P2	0.20
Eccles St	Oakwood Av	Maplewood Av	Non	P2	0.20
Eccles St	Bartlet Av	Maplewood Av	Non	P2	0.21
Eccles St	Churchill Dr	Arnold Av	Non	P2	0.03
Eccles St	Arnold Av	Morley Av	Non	P2	0.17
Eccles St	Baltimore Rd	Oakwood Av	Non	P2	0.21
Eccles St	Clare Av	Balfour Av	Non	P2	0.21
Eccles St	Eccles St	Eccles St	No	P2	0.16
Eccles St	Morley Av	Bartlet Av	Non	P2	0.19
Eccles St	Clare Av	Churchill Dr	Non	P2	0.21
Eccles St	Ashland Av	Baltimore Rd	Non	P2	0.21
Eccles St	Balfour Av	Ashland Av	Non	P2	0.21
Fleet Av	Arbuthnot St	Cockburn St N	Non	P2	0.35
Fleet Av	Daly St N	Pembina Hw	Non	P2	0.21
Fleet Av	Lilac St	Arbuthnot St	Non	P2	0.35
Fleet Av	Cockburn St N	Hugo St N	Non	P2	0.35
Fleet Av	Stafford St	Wentworth St	Non	P2	0.35
Fleet Av	Wentworth St	Lilac St	Non	P2	0.35
Fleet Av	Daly St N	Hugo St N	Non	P2	0.35
Hurst Wy	Waverley St	Hurst Wy	Non	P2	0.29
Hurst Wy	Parker Av	Waverley St	Non	P2	1.20

Template Version: S320140606 - S LR

Lilac St	Beresford Av	Rosedale Av	Non	P2	0.21
Lilac St	Fleet Av	Garwood Av	Non	P2	0.17
Lilac St	Lorette Av	Scotland Av	Non	P2	0.10
Lilac St	Ebby Av	Hector Av	Non	P2	0.17
Lilac St	Warsaw Av	Jessie Av	Non	P2	0.20
Lilac St	Corydon Av	Jessie Av	Non	P2	0.20
Lilac St	Corydon Av	McMillan Av	Non	P2	0.20
Lilac St	Dorchester Av	McMillan Av	Non	P2	0.20
Lilac St	Mulvey Av	Warsaw Av	Non	P2	0.18
Lilac St	Dudley Av	Lorette Av	Non	P2	0.17
Lilac St	Carter Av	Weatherdon Av	Non	P2	0.17
Lilac St	Grant Av	Weatherdon Av	Non	P2	0.19
Lilac St	Jubilee Av	Rosedale Av	Non	P2	0.22
Lilac St	Mulvey Av	Fleet Av	Non	P2	0.16
Lilac St	Dudley Av	Garwood Av	Non	P2	0.17
Lilac St	Carter Av	Hector Av	Non	P2	0.17
Lilac St	Grant Av	Scotland Av	Non	P2	0.12
Lilac St	Dorchester Av	Grosvenor Av	Non	P2	0.20
Lilac St	Ebby Av	Pembina Hw	Non	P2	0.04
Lilac St	Beresford Av	Rathgar Av	Non	P2	0.20
Manahan Av	Hudson St	Pembina Hw	Non	P2	0.55
Morley Av	Eccles St	Mabel St	Non	P2	0.35
Morley Av	Casey St	Hay St	Non	P2	0.35
Morley Av	Hay St	Osborne St	Non	P2	0.50
Morley Av	Fisher St	Casey St	Non	P2	0.35
Morley Av	Fisher St	Mabel St	Non	P2	0.35
Morley Av	Daly St S	Nassau St S	Non	P2	0.47
Morley Av	Osborne St	Nassau St S	Non	P2	0.59
Nassau St N	Roslyn Rd	River Av	Non	P2	0.40
Nassau St N	River Av	Stradbrook Av	Non	P2	0.39
North Dr	Lyon St	Riverside Dr	Non	P2	0.08
North Dr	Oakenwald Av	Wildwood D Pk	Non	P2	0.12

Template Version: S320140606 - S LR

North Dr	Wildwood C Pk	Wildwood C Pk	Non	P2	0.17
North Dr	Point Rd	Riverside Dr	Non	P2	0.06
North Dr	Wildwood B Pk	Wildwood B Pk	Non	P2	0.18
North Dr	Riverside Dr	Point Rd	Non	P2	0.16
North Dr	Lyon St	Netley St	Non	P2	0.23
North Dr	Wildwood A Pk	Wildwood A Pk	Non	P2	0.17
North Dr	Wildwood B Pk	Wildwood A Pk	Non	P2	0.17
North Dr	Wildwood C Pk	Wildwood B Pk	Non	P2	0.17
North Dr	Wildwood C Pk	Wildwood D Pk	Non	P2	0.17
Oakenwald Av	Netley St	Point Rd	Non	P2	0.15
Oakenwald Av	North Dr	Wildwood D Pk	Non	P2	0.20
Oakenwald Av	Netley St	Wildwood St	Non	P2	0.53
Oakenwald Av	Wildwood E Pk	Wildwood F Pk	Non	P2	0.17
Oakenwald Av	Ruttan By	Ruttan By	Non	P2	0.19
Oakenwald Av	Lyon St	Ruttan By	Non	P2	0.15
Oakenwald Av	Mcgillivray Bv	Woodgrove St	Non	P2	0.13
Oakenwald Av	Woodgrove St	Wicklow St	Non	P2	0.50
Oakenwald Av	Wicklow St	Ruttan By	Non	P2	0.03
Oakenwald Av	Wildwood F Pk	Wildwood St	Non	P2	0.10
Oakenwald Av	Wildwood F Pk	Wildwood F Pk	Non	P2	0.17
Oakenwald Av	Wildwood E Pk	Wildwood E Pk	Non	P2	0.17
Oakenwald Av	Lyon St	Point Rd	Non	P2	0.47
Oakenwald Av	Lyon St	Lyon St	Non	P2	0.04
Oakenwald Av	Woodgrove St	Pembina Hw	Non	P2	0.61
Oakenwald Av	Ruttan By	Wicklow St	Non	P2	0.19
Oakenwald Av	Wildwood D Pk	Wildwood E Pk	Non	P2	0.17
Osborne St SB to Churchill Dr	Osborne St	McNaughton Av	Non	P2	0.06
Osborne St SB to Churchill Dr	Mcnaughton Av	Montague Av	Non	P2	0.20
Osborne St SB to Churchill Dr	Churchill Dr	Montague Av	Non	P2	0.46
Parker Av	Planet St	Hurst Wy	Non	P2	0.65
Parker Av	Planet St	Beaumont St	Non	P2	0.69
Plaza Dr	Pembina Hw	Plaza Dr	Non	P2	0.20

Template Version: S320140606 - S LR

Plaza Dr	End	Pembina Hw	Non	P2	1.18
Point Rd	Point Rd	North Dr	Non	P2	0.06
Point Rd	Manchester Bv N	Oakenwald Av	Non	P2	0.21
Point Rd	Windermere Av	Pembina Hw	Non	P2	0.11
Point Rd	Manchester Bv S	South Dr	Non	P2	0.20
Point Rd	Windermere Av	Point Rd	Non	P2	0.11
Point Rd	Somerset Av	Somerville Av	Non	P2	0.08
Point Rd	Somerset Av	Somerville Av	Non	P2	0.15
Point Rd	Lyon St	Viscount Pl	Non	P2	0.12
Point Rd	Riverwood Av	Viscount Pl	Non	P2	0.26
Point Rd	Lyon St	Waterford Av	Non	P2	0.05
Point Rd	Waterford Av	Lyon St	Non	P2	0.04
Point Rd	Lyon St	Waterford Av	Non	P2	0.11
Point Rd	Somerset Av	Somerville Av	Non	P2	0.02
Point Rd	Point Rd	Pembina Hw	Non	P2	0.07
Point Rd	Point Rd	North Dr	Non	P2	0.06
Point Rd	Manchester Bv N	Oakenwald Av	Non	P2	0.04
Point Rd	Pembina Hw	Windermere Av	Non	P2	0.08
Point Rd	Waterford Av	North Dr	Non	P2	0.25
Point Rd	North Dr	Somerset Av	Non	P2	0.27
Point Rd	Manchester Bv N	Manchester Bv S	Non	P2	0.10
Point Rd	Somerville Av	Windermere Av	Non	P2	0.21
Point Rd	Oakenwald Av	Riverwood Av	Non	P2	0.29
Public Rd	North Dr	South Dr	Non	P2	0.71
Rathgar Av	Cockburn St S	Daly St S	Non	P2	0.69
Riverside Dr	Somerville Av	Windermere Av	Non	P2	0.16
Riverside Dr	Merriam Bv	Riverside Dr E	Non	P2	0.25
Riverside Dr	Somerset Av	Somerville Av	Non	P2	0.18
Riverside Dr	Calrossie Bv	Byng Pl	Non	P2	0.19
Riverside Dr	North Dr	Somerset Av	Non	P2	0.20
Riverside Dr	Byng Pl	Windermere Av	Non	P2	0.19
Riverside Dr	Jubilee Av	Riverside Dr E	Non	P2	0.13

Template Version: S320140606 - S LR

Riverside Dr	Calrossie Bv	Merriam Bv	Non	P2	0.37
Roslyn Rd	Evergreen Pl	Roslyn Cr	Non	P2	0.20
Roslyn Rd	Evergreen Pl	Osborne St	Non	P2	0.29
Roslyn Rd	Roslyn Cr	Nassau St N	Non	P2	0.03
Scott St	River Av	Stradbrook Av	Non	P2	0.38
South Dr	Crescent Dr	Dove By	Non	P2	0.15
South Dr	Wildwood H Pk	Wildwood I Pk	Non	P2	0.17
South Dr	Holly Av	Crane Av	Non	P2	0.36
South Dr	Wildwood G Pk	Wildwood H Pk	Non	P2	0.17
South Dr	Wildwood I Pk	Wildwood I Pk	Non	P2	0.08
South Dr	Wildwood St	Wildwood G Pk	Non	P2	0.18
South Dr	Crane Av	Dowker Av	Non	P2	0.66
South Dr	Dove By	Kebir Pl	Non	P2	0.23
South Dr	Wildwood St	Point Rd	Non	P2	0.51
South Dr	Dowker Av	Point Rd	Non	P2	0.85
South Dr	Wildwood H Pk	Wildwood H Pk	Non	P2	0.17
South Dr	Wildwood I Pk	Wildwood J Pk	Non	P2	0.17
South Dr	Wildwood J Pk	Wildwood J Pk	Non	P2	0.17
South Dr	Wildwood J Pk	Public Rd	Non	P2	0.13
South Dr	Holly Av	Kebir Pl	Non	P2	0.47
Windermere Av	Daniel St	Beaumont St	Non	P2	0.35
Windermere Av	Derek St	Rockman St	Non	P2	0.24
Windermere Av	Point Rd	Point Rd	Non	P2	0.02
Windermere Av	Rockman St	Rockman St	Non	P2	0.10
Windermere Av	Rockman St	Pembina Hw	Non	P2	0.35
Windermere Av	Daniel St	Derek St	Non	P2	0.35
Argue St	Walker Av	Berwick Pl	Non	P2	0.51
Argue St	Rathgar Av	Walker Av	Non	P2	0.24
Beaumont St	Edderton Av	Venus By	Non	P2	0.19
Beaumont St	Parker Av	Rosemount Av	Non	P2	0.17
Beaumont St	Rosemount Av	Edderton By	Non	P2	0.18
Beaumont St	Mars Dr	Waterford By	Non	P2	0.16

Template Version: S320140606 - S LR

Beaumont St	Mars Dr	Somerville Av	Non	P2	0.16
Beaumont St	Waterford Av	Waterford By	Non	P2	0.16
Beaumont St	Riverwood Av	Southwood Av	Non	P2	0.16
Beaumont St	Concord Av	Southwood Av	Non	P2	0.07
Beaumont St	Venus By	Windermere Av	Non	P2	0.19
Beaumont St	Somerville Av	Windermere Av	Non	P2	0.17
Beaumont St	Concord Av	Waterford Av	Non	P2	0.17
Beaumont St	Mcgillivray Pl	Riverwood Av	Non	P2	0.15
Beresford Av	Cockburn St S	Daly St S	Non	P2	0.69
Berwick Pl	Argue St	Daly St S	Non	P2	0.36
Berwick Pl	Argue St	Hugo St S	Non	P2	0.48
Brandon Av	Churchill Dr	Osborne St	Non	P2	0.50
Churchill Dr	Daly St S	Cockburn St S	Non	P2	0.79
Churchill Dr	Montgomery Av	Eccles St	Non	P2	0.22
Churchill Dr	Fisher St	Montgomery Av	Non	P2	0.58
Churchill Dr	Daly St S	Montague Av	Non	P2	0.07
Churchill Dr	Casey St	Churchill Dr WB to Osborne St	Non	P2	0.67
Churchill Dr	Casey St	Fisher St	Non	P2	0.35
Churchill Dr	Hay St	Eccles St	Non	P2	1.47
Churchill Dr	Churchill Dr WB to Osborne St	Osborne St SB to Churchill Dr	Non	P2	0.46
Churchill Dr	Montague Av	Osborne St SB to Churchill Dr	Non	P2	0.77
Churchill Dr WB to Osborne St	Montgomery Av	Wavell Av	Non	P2	0.21
Churchill Dr WB to Osborne St	Montgomery Av	Osborne St	Non	P2	0.04
Churchill Dr WB to Osborne St	Churchill Dr	Wavell Av	Non	P2	0.25
Cockburn St N	Dudley Av	Lorette Av	Non	P2	0.17
Cockburn St N	Mulvey Av	Warsaw Av	Non	P2	0.18
Cockburn St N	Fleet Av	Mulvey Av	Non	P2	0.16
Cockburn St N	Jessie Av	Warsaw Av	Non	P2	0.20
Cockburn St N	Corydon Av	Jessie Av	Non	P2	0.20
Cockburn St N	Lorette Av	Scotland Av	Non	P2	0.10
Cockburn St N	Fleet Av	Garwood Av	Non	P2	0.17
Cockburn St N	Corydon Av	McMillan Av	Non	P2	0.20

Template Version: S320140606 - S LR

Cockburn St N	Garwood Av	Dudley Av	Non	P2	0.17
Cockburn St N	McMillan Av	Wellington Cr	Non	P2	0.18
Cockburn St S	Rathgar Av	Beresford Av	Non	P2	0.20
Cockburn St S	Rosedale Av	Jubilee Av	Non	P2	0.22
Cockburn St S	Beresford Av	Rosedale Av	Non	P2	0.20
Cockburn St S	Churchill Dr	Jubilee Av	Non	P2	0.10
Crane Av	Buxton Rd	South Dr	Non	P2	0.25
Crane Av	Sandra By	Buxton Rd	Non	P2	0.25
Crane Av	Garnet By	Pembina Hw	Non	P2	0.21
Crane Av	Oriole St	Sandra By	Non	P2	0.19
Crane Av	Bathgate By	Garnet By	Non	P2	0.08
Crane Av	Pheasant St	Garnet By	Non	P2	0.19
Crane Av	Sandra By	Bathgate By	Non	P2	0.22
Crane Av	Bathgate By	Garnet By	Non	P2	0.12
Crescent Dr	Kebir Pl	Nesbitt By	Non	P2	0.13
Crescent Dr	Nesbitt By	Riviera Cr	Non	P2	0.24
Crescent Dr	Kebir Pl	South Dr	Non	P2	0.62
Crescent Dr	Pembina Hw	Riviera Cr	Non	P2	0.39
Daly St S	Beresford Av	Rathgar Av	Non	P2	0.19
Daly St S	Stinson Av	Kylemore Av	Non	P2	0.18
Daly St S	Kylemore Av	Walker Av	Non	P2	0.16
Daly St S	Berwick Pl	Morley Av	Non	P2	0.17
Daly St S	Rathgar Av	Walker Av	Non	P2	0.16
Daly St S	Berwick Pl	Stinson Av	Non	P2	0.07
Dowker Av	Wicklow Pl	Wicklow St	Non	P2	0.20
Dowker Av	Crowson By	Crowson By	Non	P2	0.19
Dowker Av	Buxton Rd	South Dr	Non	P2	0.21
Dowker Av	Wicklow Pl	Wicklow St	Non	P2	0.17
Dowker Av	Crowson By	Fletcher Cr	Non	P2	0.19
Dowker Av	Fletcher Cr	Kenneth St	Non	P2	0.20
Dowker Av	Buxton Rd	Lyon St	Non	P2	0.09
Dowker Av	Wicklow Pl	Wicklow St	Non	P2	0.03

Template Version: S320140606 - S LR

Dowker Av	Crowson By	Riley Cr	Non	P2	0.22
Dowker Av	Kenneth St	Pembina Hw	Non	P2	0.20
Eccles St	Oakwood Av	Maplewood Av	Non	P2	0.20
Eccles St	Bartlet Av	Maplewood Av	Non	P2	0.21
Eccles St	Churchill Dr	Arnold Av	Non	P2	0.03
Eccles St	Arnold Av	Morley Av	Non	P2	0.17
Eccles St	Baltimore Rd	Oakwood Av	Non	P2	0.21
Eccles St	Clare Av	Balfour Av	Non	P2	0.21
Eccles St	Eccles St	Eccles St	No	P2	0.16
Eccles St	Morley Av	Bartlet Av	Non	P2	0.19
Eccles St	Clare Av	Churchill Dr	Non	P2	0.21
Eccles St	Ashland Av	Baltimore Rd	Non	P2	0.21
Eccles St	Balfour Av	Ashland Av	Non	P2	0.21
Fleet Av	Arbuthnot St	Cockburn St N	Non	P2	0.35
Fleet Av	Daly St N	Pembina Hw	Non	P2	0.21
Fleet Av	Lilac St	Arbuthnot St	Non	P2	0.35
Fleet Av	Cockburn St N	Hugo St N	Non	P2	0.35
Fleet Av	Stafford St	Wentworth St	Non	P2	0.35
Fleet Av	Wentworth St	Lilac St	Non	P2	0.35
Fleet Av	Daly St N	Hugo St N	Non	P2	0.35
Hurst Wy	Waverley St	Hurst Wy	Non	P2	0.29
Hurst Wy	Parker Av	Waverley St	Non	P2	1.20
Lilac St	Beresford Av	Rosedale Av	Non	P2	0.21
Lilac St	Fleet Av	Garwood Av	Non	P2	0.17
Lilac St	Lorette Av	Scotland Av	Non	P2	0.10
Lilac St	Ebby Av	Hector Av	Non	P2	0.17
Lilac St	Warsaw Av	Jessie Av	Non	P2	0.20
Lilac St	Corydon Av	Jessie Av	Non	P2	0.20
Lilac St	Corydon Av	McMillan Av	Non	P2	0.20
Lilac St	Dorchester Av	McMillan Av	Non	P2	0.20
Lilac St	Mulvey Av	Warsaw Av	Non	P2	0.18
Lilac St	Dudley Av	Lorette Av	Non	P2	0.17

Template Version: S320140606 - S LR

Lilac St	Carter Av	Weatherdon Av	Non	P2	0.17
Lilac St	Grant Av	Weatherdon Av	Non	P2	0.19
Lilac St	Jubilee Av	Rosedale Av	Non	P2	0.22
Lilac St	Mulvey Av	Fleet Av	Non	P2	0.16
Lilac St	Dudley Av	Garwood Av	Non	P2	0.17
Lilac St	Carter Av	Hector Av	Non	P2	0.17
Lilac St	Grant Av	Scotland Av	Non	P2	0.12
Lilac St	Dorchester Av	Grosvenor Av	Non	P2	0.20
Lilac St	Ebby Av	Pembina Hw	Non	P2	0.04
Lilac St	Beresford Av	Rathgar Av	Non	P2	0.20
Manahan Av	Hudson St	Pembina Hw	Non	P2	0.55
Morley Av	Eccles St	Mabel St	Non	P2	0.35
Morley Av	Casey St	Hay St	Non	P2	0.35
Morley Av	Hay St	Osborne St	Non	P2	0.50
Morley Av	Fisher St	Casey St	Non	P2	0.35
Morley Av	Fisher St	Mabel St	Non	P2	0.35
Morley Av	Daly St S	Nassau St S	Non	P2	0.47
Morley Av	Osborne St	Nassau St S	Non	P2	0.59
Nassau St N	Roslyn Rd	River Av	Non	P2	0.40
Nassau St N	River Av	Stradbrook Av	Non	P2	0.39
North Dr	Lyon St	Riverside Dr	Non	P2	0.08
North Dr	Oakenwald Av	Wildwood D Pk	Non	P2	0.12
North Dr	Wildwood C Pk	Wildwood C Pk	Non	P2	0.17
North Dr	Point Rd	Riverside Dr	Non	P2	0.06
North Dr	Wildwood B Pk	Wildwood B Pk	Non	P2	0.18
North Dr	Riverside Dr	Point Rd	Non	P2	0.16
North Dr	Lyon St	Netley St	Non	P2	0.23
North Dr	Wildwood A Pk	Wildwood A Pk	Non	P2	0.17
North Dr	Wildwood B Pk	Wildwood A Pk	Non	P2	0.17
North Dr	Wildwood C Pk	Wildwood B Pk	Non	P2	0.17
North Dr	Wildwood C Pk	Wildwood D Pk	Non	P2	0.17
Oakenwald Av	Netley St	Point Rd	Non	P2	0.15

Template Version: S320140606 - S LR

Oakenwald Av	North Dr	Wildwood D Pk	Non	P2	0.20
Oakenwald Av	Netley St	Wildwood St	Non	P2	0.53
Oakenwald Av	Wildwood E Pk	Wildwood F Pk	Non	P2	0.17
Oakenwald Av	Ruttan By	Ruttan By	Non	P2	0.19
Oakenwald Av	Lyon St	Ruttan By	Non	P2	0.15
Oakenwald Av	Mcgillivray Bv	Woodgrove St	Non	P2	0.13
Oakenwald Av	Woodgrove St	Wicklow St	Non	P2	0.50
Oakenwald Av	Wicklow St	Ruttan By	Non	P2	0.03
Oakenwald Av	Wildwood F Pk	Wildwood St	Non	P2	0.10
Oakenwald Av	Wildwood F Pk	Wildwood F Pk	Non	P2	0.17
Oakenwald Av	Wildwood E Pk	Wildwood E Pk	Non	P2	0.17
Oakenwald Av	Lyon St	Point Rd	Non	P2	0.47
Oakenwald Av	Lyon St	Lyon St	Non	P2	0.04
Oakenwald Av	Woodgrove St	Pembina Hw	Non	P2	0.61
Oakenwald Av	Ruttan By	Wicklow St	Non	P2	0.19
Oakenwald Av	Wildwood D Pk	Wildwood E Pk	Non	P2	0.17
Osborne St SB to Churchill Dr	Osborne St	McNaughton Av	Non	P2	0.06
Osborne St SB to Churchill Dr	Mcnaughton Av	Montague Av	Non	P2	0.20
Osborne St SB to Churchill Dr	Churchill Dr	Montague Av	Non	P2	0.46
Parker Av	Planet St	Hurst Wy	Non	P2	0.65
Parker Av	Planet St	Beaumont St	Non	P2	0.69
Plaza Dr	Pembina Hw	Plaza Dr	Non	P2	0.20
Plaza Dr	End	Pembina Hw	Non	P2	1.18
Point Rd	Point Rd	North Dr	Non	P2	0.06
Point Rd	Manchester Bv N	Oakenwald Av	Non	P2	0.21
Point Rd	Windermere Av	Pembina Hw	Non	P2	0.11
Point Rd	Manchester Bv S	South Dr	Non	P2	0.20
Point Rd	Windermere Av	Point Rd	Non	P2	0.11
Point Rd	Somerset Av	Somerville Av	Non	P2	0.08
Point Rd	Somerset Av	Somerville Av	Non	P2	0.15
Point Rd	Lyon St	Viscount Pl	Non	P2	0.12
Point Rd	Riverwood Av	Viscount Pl	Non	P2	0.26

Template Version: S320140606 - S LR

Point Rd	Lyon St	Waterford Av	Non	P2	0.05
Point Rd	Waterford Av	Lyon St	Non	P2	0.04
Point Rd	Lyon St	Waterford Av	Non	P2	0.11
Point Rd	Somerset Av	Somerville Av	Non	P2	0.02
Point Rd	Point Rd	Pembina Hw	Non	P2	0.07
Point Rd	Point Rd	North Dr	Non	P2	0.06
Point Rd	Manchester Bv N	Oakenwald Av	Non	P2	0.04
Point Rd	Pembina Hw	Windermere Av	Non	P2	0.08
Point Rd	Waterford Av	North Dr	Non	P2	0.25
Point Rd	North Dr	Somerset Av	Non	P2	0.27
Point Rd	Manchester Bv N	Manchester Bv S	Non	P2	0.10
Point Rd	Somerville Av	Windermere Av	Non	P2	0.21
Point Rd	Oakenwald Av	Riverwood Av	Non	P2	0.29
Public Rd	North Dr	South Dr	Non	P2	0.71
Rathgar Av	Cockburn St S	Daly St S	Non	P2	0.69
Riverside Dr	Somerville Av	Windermere Av	Non	P2	0.16
Riverside Dr	Merriam Bv	Riverside Dr E	Non	P2	0.25
Riverside Dr	Somerset Av	Somerville Av	Non	P2	0.18
Riverside Dr	Calrossie Bv	Byng Pl	Non	P2	0.19
Riverside Dr	North Dr	Somerset Av	Non	P2	0.20
Riverside Dr	Byng Pl	Windermere Av	Non	P2	0.19
Riverside Dr	Jubilee Av	Riverside Dr E	Non	P2	0.13
Riverside Dr	Calrossie Bv	Merriam Bv	Non	P2	0.37
Roslyn Rd	Evergreen Pl	Roslyn Cr	Non	P2	0.20
Roslyn Rd	Evergreen Pl	Osborne St	Non	P2	0.29
Roslyn Rd	Roslyn Cr	Nassau St N	Non	P2	0.03
Scott St	River Av	Stradbrook Av	Non	P2	0.38
South Dr	Crescent Dr	Dove By	Non	P2	0.15
South Dr	Wildwood H Pk	Wildwood I Pk	Non	P2	0.17
South Dr	Holly Av	Crane Av	Non	P2	0.36
South Dr	Wildwood G Pk	Wildwood H Pk	Non	P2	0.17
South Dr	Wildwood I Pk	Wildwood I Pk	Non	P2	0.08

Template Version: S320140606 - S LR

South Dr	Wildwood St	Wildwood G Pk	Non	P2	0.18
South Dr	Crane Av	Dowker Av	Non	P2	0.66
South Dr	Dove By	Kebir Pl	Non	P2	0.23
South Dr	Wildwood St	Point Rd	Non	P2	0.51
South Dr	Dowker Av	Point Rd	Non	P2	0.85
South Dr	Wildwood H Pk	Wildwood H Pk	Non	P2	0.17
South Dr	Wildwood I Pk	Wildwood J Pk	Non	P2	0.17
South Dr	Wildwood J Pk	Wildwood J Pk	Non	P2	0.17
South Dr	Wildwood J Pk	Public Rd	Non	P2	0.13
South Dr	Holly Av	Kebir Pl	Non	P2	0.47
Windermere Av	Daniel St	Beaumont St	Non	P2	0.35
Windermere Av	Derek St	Rockman St	Non	P2	0.24
Windermere Av	Point Rd	Point Rd	Non	P2	0.02
Windermere Av	Rockman St	Rockman St	Non	P2	0.10
Windermere Av	Rockman St	Pembina Hw	Non	P2	0.35
Windermere Av	Daniel St	Derek St	Non	P2	0.35
TOTAL					53.96

APPENDIX C – SOUTH AREA (EAST) PRIORITY III STREETS

STREET NAME	FROM STREET	TO STREET	SNOW ROUTE	PRIORITY	LANE KM
Adamar Rd	Pembina Hw	End	Local	P3	0.45
Arbuthnot St	Mulvey Av	Warsaw Av	Local	P3	0.18
Arbuthnot St	Fleet Av	Mulvey Av	Local	P3	0.16
Arbuthnot St	Dudley Av	Garwood Av	Local	P3	0.17
Arbuthnot St	Corydon Av	Jessie Av	Local	P3	0.20
Arbuthnot St	Scotland Av	Lorette Av	Local	P3	0.10
Arbuthnot St	Dudley Av	Lorette Av	Local	P3	0.17
Arbuthnot St	Fleet Av	Garwood Av	Local	P3	0.17
Arbuthnot St	McMillan Av	Corydon Av	Local	P3	0.20
Arbuthnot St	Jessie Av	Warsaw Av	Local	P3	0.20
Arbuthnot St	Carter Av	Pembina Hw	Local	P3	0.08
Arbuthnot St	Dorchester Av	Grosvenor Av	Local	P3	0.20
Arbuthnot St	Carter Av	Weatherdon Av	Local	P3	0.17
Arbuthnot St	Dorchester Av	McMillan Av	Local	P3	0.20
Arbuthnot St	Weatherdon Av	End	Local	P3	0.09
Arbuthnot St	Scotland Av	End	Local	P3	0.09
Arctic St	Bell Av	River Av	Local	P3	0.15
Argue St	Rosedale Av	Beresford Av	Local	P3	0.29
Argue St	Rosedale Av	End	Local	P3	0.35
Arnold Av	Nassau St S	Osborne St	Local	P3	0.59
Arnold Av	Hay St	Osborne St	Local	P3	0.50
Arnold Av	Daly St S	Nassau St S	Local	P3	0.47
Arnold Av	Casey St	Fisher St	Local	P3	0.35
Arnold Av	Hay St	Casey St	Local	P3	0.34
Arnold Av	Hugo St S	Daly St S	Local	P3	0.34
Arnold Av	Fisher St	Mabel St	Local	P3	0.35
Arnold Av	Eccles St	Mabel St	Local	P3	0.34
Ashland Av	Fisher St	Fisher St	Local	P3S	0.09

Template Version: S320140606 - S LR

Ashland Av	Eccles St	Mabel St	Local	P3S	0.35
Ashland Av	Fisher St	Fisher St	Local	P3S	0.09
Ashland Av	Casey St	Hay St	Local	P3S	0.35
Ashland Av	Churchill Dr	Darling St	Local	P3	0.43
Ashland Av	Fisher St	Casey St	Local	P3S	0.25
Ashland Av	Darling St	Eccles St	Local	P3	0.34
Ashland Av	Fisher St	Mabel St	Local	P3S	0.25
Ashland Av	Hay St	Osborne St	Local	P3S	0.50
Avonherst St	Harvard Av	Yale Av	Local	P3	0.28
Balfour Av	Churchill Dr	Darling St	Local	P3	0.24
Balfour Av	Fisher St	Mabel St	Local	P3	0.35
Balfour Av	Hay St	Osborne St	Local	P3	0.49
Balfour Av	Eccles St	Mabel St	Local	P3	0.35
Balfour Av	Casey St	Fisher St	Local	P3	0.35
Balfour Av	Casey St	Hay St	Local	P3	0.35
Baltimore Rd	Fisher St	Mabel St	Local	P3	0.25
Baltimore Rd	Casey St	Fisher St	Local	P3	0.25
Baltimore Rd	Casey St	Hay St	Local	P3	0.35
Baltimore Rd	Darling St	Eccles St	Local	P3	0.34
Baltimore Rd	Eccles St	Mabel St	Local	P3	0.35
Baltimore Rd	Osborne St	Hay St	Local	P3	0.50
Baltimore Rd	Churchill Dr	Darling St	Local	P3	0.50
Bartlet Av	Hay St	Osborne St	Local	P3	0.50
Bartlet Av	Casey St	Fisher St	Local	P3	0.35
Bartlet Av	Fisher St	Mabel St	Local	P3	0.35
Bartlet Av	Eccles St	Mabel St	Local	P3	0.35
Bartlet Av	Casey St	Hay St	Local	P3	0.34
Bathgate By	Crane Av	Crane Av	Local	P3	0.62
Bathgate By	Bathgate By	End	Local	P3	0.12
Beaumont By	Mcgillivray Pl	Mcgillivray Pl	Local	P3	0.60
Beaumont St	McGillivray Bv	McGillivray Pl	Local	P3	0.07
Belair Rd	Brisbane Av	Marshall By	Local	P3	0.41

Template Version: S320140606 - S LR

Bell Av	Arctic St	End	Local	P3	0.17
Bell Av	Donald St	Wood St	Local	P3	0.10
Bell Av	Clarke St	Donald St	Local	P3	0.15
Bell Av	Arctic St	Harkness St	Local	P3	0.15
Beresford Av	Daly St S	Nassau St S	Local	P3	0.47
Beresford Av	Nassau St S	Osborne St	Local	P3	0.59
Beresford Av	Lilac St	Cockburn St S	Local	P3	0.69
Beresford Av	Argue St	Lilac St	Local	P3	0.22
Berwick Pl	Berwick Pl	Berwick Pl	Local	P3	0.26
Biscayne By	Mcgillivray Pl	Mcgillivray Pl	Local	P3	0.60
Bole St	River Av	End	Local	P3	0.27
Boston Av	Hudson St	Pembina Hw	Local	P3	0.59
Brandon Av	Nassau St S	Osborne St	Local	P3	0.59
Brandon Av	Nassau St S	End	Local	P3	0.28
Brisbane Av	Belair Rd	Marshall By	Local	P3	0.31
Brisbane Av	Marshall By	Belair Rd	Local	P3	0.21
Bryce St	Roslyn Rd	River Av	Local	P3	0.20
Bryce St	River Av	End	Local	P3	0.27
Burgundy Cr	Concord Av	End	Local	P3	0.09
Burgundy Cr	Concord Av	Waterford By	Local	P3	0.17
Buxton Rd	Crane Av	Holly Av	Local	P3	0.35
Buxton Rd	Crane Av	Dowker Av	Local	P3	0.79
Byng Pl	Pembina Hw	Riverside Dr	Local	P3	0.78
Byng Pl	Derek St	Rockman St	Local	P3	0.35
Byng Pl	Rockman St	Byng Pl	Local	P3	0.20
Byng Pl	Rockman St	Pembina Hw	Local	P3	0.47
Calrossie Bv	Pembina Hw	Riverside Dr	Local	P3	0.66
Carlaw Av	Daly St S	Nassau St S	Local	P3	0.46
Carlaw Av	Nassau St S	Osborne St	Local	P3	0.59
Carter Av	Arbuthnot St	Lilac St	Local	P3	0.35
Carter Av	Wentworth St	Stafford St	Local	P3	0.35
Carter Av	Arbuthnot St	Pembina Hw	Local	P3	0.09

Template Version: S320140606 - S LR

Carter Av	Wentworth St	Lilac St	Local	P3	0.35
Casey St	Ashland Av	Baltimore Rd	Local	P3	0.21
Casey St	Clare Av	Montgomery Av	Local	P3	0.20
Casey St	Ashland Av	Balfour Av	Local	P3	0.21
Casey St	Morley Av	Arnold Av	Local	P3	0.17
Casey St	Balfour Av	Clare Av	Local	P3	0.21
Casey St	Baltimore Rd	Oakwood Av	Local	P3	0.21
Casey St	Maplewood Av	Oakwood Av	Local	P3	0.20
Casey St	Bartlet Av	Morley Av	Local	P3	0.19
Casey St	Bartlet Av	Maplewood Av	Local	P3	0.21
Casey St	Churchill Dr	Wavell Av	Local	P3	0.21
Casey St	Montgomery Av	Wavell Av	Local	P3	0.20
Cauchon St	River Av	End	Local	P3	0.27
Churchill Dr	Ashland Av	Baltimore Rd	Local	P3	0.22
Churchill Dr	Balfour Av	Eccles St	Local	P3	0.72
Churchill Dr	Churchill Dr	Montague Av	Local	P3	0.10
Churchill Dr	Ashland Av	Balfour Av	Local	P3	0.26
Churchill Dr	Arnold Av	Baltimore Rd	Local	P3	1.43
Clare Av	Casey St	Fisher St	Local	P3	0.35
Clare Av	Eccles St	Mabel St	Local	P3	0.35
Clare Av	Osborne St	Hay St	Local	P3	0.49
Clare Av	Casey St	Hay St	Local	P3	0.35
Clare Av	Mabel St	Fisher St	Local	P3	0.35
Clarke St	Bell Av	End	Local	P3	0.12
Clarke St	Bell Av	Donald St	Local	P3	0.06
Clarke St	Bell Av	River Av	Local	P3	0.18
Cockburn St N	Scotland Av	End	Local	P3	0.08
Cockburn St S	Rathgar Av	Walker Av	Local	P3	0.16
Cockburn St S	Kylemore Av	Walker Av	Local	P3	0.16
Concord Av	Beaumont St	Burgundy Cr	Local	P3	0.28
Crescent Dr	Stretford Rd	South Dr	Local	P3	0.50
Crowson By	Dowker Av	Dowker Av	Local	P3	0.65

Template Version: S320140606 - S LR

Daly St N	Fleet Av	Mulvey Av	Local	P3	0.16
Daly St N	Fleet Av	Garwood Av	Local	P3	0.16
Daly St N	Dudley Av	Pembina Hw	Local	P3	0.12
Daly St N	Mulvey Av	Warsaw Av	Local	P3	0.18
Daly St N	Dudley Av	Lorette Av	Local	P3	0.15
Daly St N	Jessie Av	Warsaw Av	Local	P3	0.20
Daly St N	Gertrude Av	Wardlaw Av	Local	P3	0.19
Daly St N	Corydon Av	Jessie Av	Local	P3	0.20
Daly St N	Corydon Av	McMillan Av	Local	P3	0.20
Daly St N	Gertrude Av	McMillan Av	Local	P3	0.20
Daly St S	Jubilee Av	Rosedale Av	Local	P3	0.22
Daly St S	Carlaw Av	Hethrington Av	Local	P3	0.17
Daly St S	Arnold Av	Morley Av	Local	P3	0.17
Daly St S	Hethrington Av	Arnold Av	Local	P3	0.17
Daly St S	Jubilee Av	Mcnaughton Av	Local	P3	0.23
Daly St S	Rosedale Av	Beresford Av	Local	P3	0.20
Daly St S	Daly St S	Churchill Dr	Local	P3	0.16
Daly St S	Mcnaughton Av	Churchill Dr	Local	P3	0.18
Daniel St	Rosemount Av	Parker Av	Local	P3	0.17
Daniel St	Waterford Av	Somerville Av	Local	P3	0.48
Daniel St	Edderton Av	Windermere Av	Local	P3	0.38
Daniel St	Heatherdale Av	Parker Av	Local	P3	0.10
Daniel St	Edderton Av	Rosemount Av	Local	P3	0.18
Daniel St	Somerville Av	Windermere Av	Local	P3	0.17
Daniel St	Southwood Av	Waterford Av	Local	P3	0.24
Daniel St	Riverwood Av	Southwood Av	Local	P3	0.16
Darling St	Baltimore Rd	Oakwood Av	Local	P3	0.20
Darling St	Ashland Av	Baltimore Rd	Local	P3	0.21
Darling St	Balfour Av	Ashland Av	Local	P3	0.22
Derek St	Byng Pl	Windermere Av	Local	P3	0.20
Derek St	Byng Pl	Edderton Av	Local	P3	0.19
Derek St	Rosemount Av	Parker Av	Local	P3	0.17

Template Version: S320140606 - S LR

Derek St	Edderton Av	Rosemount Av	Local	P3	0.18
Derek St	Heatherdale Av	Parker Av	Local	P3	0.09
Dickson Cr	Vincent St	Vincent St	Local	P3	0.39
Don Av	Osborne St	End	Local	P3	0.11
Donnelly St	Farwell By	Marshall Cr	Local	P3	0.17
Donnelly St	Clarence Av	Marshall Cr	Local	P3	0.19
Donnelly St	Farwell By	Waller Av	Local	P3	0.18
Donnelly St	Farwell By	Farwell By	Local	P3	0.17
Dorchester Av	Stafford St	Wentworth St	Local	P3	0.35
Dorchester Av	Arbuthnot St	Lilac St	Local	P3	0.35
Dorchester Av	Lilac St	Wentworth St	Local	P3	0.35
Dorchester Av	Arbuthnot St	Wellington Cr	Local	P3	0.26
Dove By	South Dr	End	Local	P3	0.12
Dudley Av	Daly St N	Pembina Hw	Local	P3	0.17
Dudley Av	Stafford St	Wentworth St	Local	P3	0.35
Dudley Av	Lilac St	Wentworth St	Local	P3	0.35
Dudley Av	Hugo St N	Pembina Hw	Local	P3	0.11
Dudley Av	Cockburn St N	End	Local	P3	0.19
Dudley Av	Daly St N	Pembina Hw	Local	P3	0.05
Dudley Av	Arbuthnot St	Lilac St	Local	P3	0.35
Dudley Av	Daly St N	End	Local	P3	0.11
Dudley Av	Cockburn St N	Hugo St N	Local	P3	0.35
Dumas Av	Finch By	Hudson St	Local	P3	0.67
Ebby Av	Wentworth St	Lilac St	Local	P3	0.34
Ebby Av	Wentworth St	Stafford St	Local	P3	0.35
Ebby Av	Pembina Hw	End	Local	P3	0.14
Edderton Av	Rockman St	Wynne St	Local	P3	0.34
Edderton Av	Derek St	Rockman St	Local	P3	0.35
Edderton Av	Daniel St	Derek St	Local	P3	0.35
Edderton Av	Edderton By	Daniel St	Local	P3	0.35
Edderton By	Beaumont St	End	Local	P3	0.16
Evergreen Pl	Roslyn Rd	End	Local	P3	0.17

Template Version: S320140606 - S LR

Farwell By	Donnelly St	Donnelly St	Local	P3	0.83
Finch By	Dumas Av	End	Local	P3	0.11
Fisher St	Ashland Av	Baltimore Rd	Local	P3	0.21
Fisher St	Montgomery Av	Wavell Av	Local	P3	0.18
Fisher St	Maplewood Av	Oakwood Av	Local	P3	0.20
Fisher St	Baltimore Rd	Ashland Av	Local	P3	0.21
Fisher St	Bartlet Av	Morley Av	Local	P3	0.19
Fisher St	Balfour Av	Clare Av	Local	P3	0.21
Fisher St	Oakwood Av	Baltimore Rd	Local	P3	0.21
Fisher St	Clare Av	Montgomery Av	Local	P3	0.20
Fisher St	Bartlet Av	Maplewood Av	Local	P3	0.21
Fisher St	Baltimore Rd	Oakwood Av	Local	P3	0.21
Fisher St	Ashland Av	Balfour Av	Local	P3	0.21
Fisher St	Churchill Dr	Wavell Av	Local	P3	0.17
Fisher St	Arnold Av	Morley Av	Local	P3	0.17
Fleet Av	Nassau St N	Pembina Hw	Local	P3	0.19
Fleet Av	Pembina Hw	Garwood Av	Local	P3	0.05
Fletcher Cr	Pembina Hw	Dowker Av	Local	P3	0.80
Fortune St	Stinson Av	End	Local	P3	0.10
Garnet By	Crane Av	Holly Av	Local	P3	0.30
Garnet By	Crane Av	Holly Av	Local	P3	0.41
Garwood Av	Nassau St N	Pembina Hw	Local	P3	0.32
Garwood Av	Cockburn St N	Hugo St N	Local	P3	0.35
Garwood Av	Lilac St	Arbuthnot St	Local	P3	0.35
Garwood Av	Wentworth St	Lilac St	Local	P3	0.35
Garwood Av	Hugo St N	Pembina Hw	Local	P3	0.35
Garwood Av	Garwood Av	Pembina Hw	Local	P3	0.04
Garwood Av	Wentworth St	Stafford St	Local	P3	0.35
Gerard St	River Av	End	Local	P3	0.27
Gertrude Av	Nassau St N	Osborne St	Local	P3S	0.59
Gertrude Av	Daly St N	Wellington Cr	Local	P3	0.35
Gertrude Av	Daly St N	Nassau St N	Local	P3	0.47

Template Version: S320140606 - S LR

Gertrude Av	Gertrude Av	Wellington Cr	Local	P3	0.03
Gertrude Av	Donald St	Scott St	Local	P3	0.21
Gertrude Av	Osborne St	Scott St	Local	P3	0.55
Glasgow Av	Osborne St	End	Local	P3	0.27
Harvard Av	Avonherst St	Stafford St	Local	P3	0.35
Harvard Av	Avonherst St	Ruskin Rw	Local	P3	0.14
Hay St	Balfour Av	Ashland Av	Local	P3	0.21
Hay St	Clare Av	Montgomery Av	Local	P3	0.20
Hay St	Arnold Av	Morley Av	Local	P3S	0.17
Hay St	Maplewood Av	Bartlet Av	Local	P3	0.21
Hay St	Baltimore Rd	Oakwood Av	Local	P3	0.21
Hay St	Bartlet Av	Morley Av	Local	P3	0.19
Hay St	Maplewood Av	Oakwood Av	Local	P3	0.21
Hay St	Ashland Av	Baltimore Rd	Local	P3	0.21
Hay St	Balfour Av	Clare Av	Local	P3	0.21
Hay St	Arnold Av	Brandon Av	Local	P3S	0.49
Heatherdale Av	Derek St	Rockman St	Local	P3	0.35
Heatherdale Av	Daniel St	Derek St	Local	P3	0.33
Heatherdale Av	Parker Av	Rockman St	Local	P3	0.38
Hector Av	Stafford St	Wentworth St	Local	P3	0.35
Hector Av	Lilac St	Wentworth St	Local	P3	0.35
Hector Av	Pembina Hw	Lilac St	Local	P3	0.23
Hethrington Av	Daly St S	Nassau St S	Local	P3	0.47
Hethrington Av	Daly St S	End	Local	P3	0.18
Hethrington Av	Nassau St S	Osborne St	Local	P3	0.59
Holly Av	Mcdougall St	Oriole St	Local	P3	0.15
Holly Av	Buxton Rd	South Dr	Local	P3	0.20
Holly Av	Oriole St	Buxton Rd	Local	P3	0.19
Holly Av	Garnet By	Pheasant St	Local	P3	0.24
Holly Av	South Dr	End	Local	P3	0.13
Holly Av	Mcdougall St	Pheasant St	Local	P3	0.26
Howard Av	Hudson St	Pembina Hw	Local	P3	0.50

Template Version: S320140606 - S LR

Hudson St	Clarence Av	Boston Av	Local	P3	0.19
Hudson St	Dumas Av	Chevrier Bv	Local	P3	0.43
Hudson St	Manahan Av	End	Local	P3	0.28
Hudson St	Dumas Av	Royse Av	Local	P3	0.20
Hudson St	Manahan Av	Chevrier Bv	Local	P3	0.21
Hudson St	Kelsey Av	Howard Av	Local	P3	0.21
Hudson St	Kelsey Av	Radisson Av	Local	P3	0.21
Hudson St	Clarence Av	Howard Av	Local	P3	0.22
Hudson St	Radisson Av	End	Local	P3	0.10
Hudson St	Boston Av	Royse Av	Local	P3	0.20
Hugo St N	Corydon Av	Jessie Av	Local	P3	0.20
Hugo St N	Fleet Av	Mulvey Av	Local	P3	0.16
Hugo St N	Fleet Av	Garwood Av	Local	P3	0.17
Hugo St N	Warsaw Av	Jessie Av	Local	P3	0.20
Hugo St N	Dudley Av	Lorette Av	Local	P3	0.14
Hugo St N	Corydon Av	McMillan Av	Local	P3	0.20
Hugo St N	Dudley Av	Garwood Av	Local	P3	0.17
Hugo St N	McMillan Av	Gertrude Av	Local	P3	0.21
Hugo St N	Mulvey Av	Warsaw Av	Local	P3	0.18
Hugo St S	Morley Av	Berwick Pl	Local	P3	0.17
Hugo St S	Berwick Pl	Morley Av	Local	P3	0.24
Hugo St S	Arnold Av	End	Local	P3	0.02
Jackson Av	Pembina Hw	End	Local	P3	0.24
Jackson Av	Pembina Hw	Wentworth St	Local	P3	0.20
Jackson Av	Stafford St	Wentworth St	Local	P3	0.35
Jessie Av	Nassau St N	Daly St N	Local	P3	0.47
Jessie Av	Nassau St N	Pembina Hw	Local	P3	0.17
Jessie Av	Stafford St	Wentworth St	Local	P3	0.35
Jessie Av	Lilac St	Wentworth St	Local	P3	0.35
Jessie Av	Arbuthnot St	Lilac St	Local	P3	0.35
Jessie Av	Cockburn St N	Hugo St N	Local	P3	0.35
Jessie Av	Daly St N	Hugo St N	Local	P3	0.35

Template Version: S320140606 - S LR

Jessie Av	Osborne St	Pembina Hw	Local	P3	0.28
Jessie Av	Arbuthnot St	Cockburn St N	Local	P3	0.35
Jupiter By	Planet St	Planet St	Local	P3	0.98
Kebir Pl	Mcdougall St	South Dr	Local	P3	0.26
Kebir Pl	Crescent Dr	Mcdougall St	Local	P3	0.51
Kelsey Av	Hudson St	Pembina Hw	Local	P3	0.45
Kenneth St	Dowker Av	End	Local	P3	0.21
Kingsway Af	Ruskin Rw	Stafford St	Local	P3	0.46
Kingsway Af	Ruskin Rw	Wellington Cr	Local	P3	0.31
Kylemore Av	Osborne St	Nassau St S	Local	P3	0.60
Kylemore Av	Cockburn St S	End	Local	P3	0.08
Kylemore Av	Cockburn St S	Daly St S	Local	P3	0.69
Kylemore Av	Daly St S	Nassau St S	Local	P3	0.47
Lagopoulos Wy	Donald St	End	Local	P3	0.37
Lagopoulos Wy	Lagopoulos Wy	Donald St	Local	P3	0.07
Lewis St	River Av	End	Local	P3	0.27
Lorette Av	Lilac St	Wentworth St	Local	P3	0.35
Lorette Av	Cockburn St N	Hugo St N	Local	P3	0.32
Lorette Av	Arbuthnot St	Lilac St	Local	P3	0.35
Lorette Av	Arbuthnot St	Cockburn St N	Local	P3	0.35
Lorette Av	Stafford St	Wentworth St	Local	P3	0.35
Lorette Av	Daly St N	Hugo St N	Local	P3	0.33
Lyon St	North Dr	Waterford Av	Local	P3	0.19
Lyon St	Riverwood Av	Oakenwald Av	Local	P3	0.19
Lyon St	Point Rd	Waterford Av	Local	P3	0.09
Lyon St	Riverwood Av	Point Rd	Local	P3	0.26
Lyon St	Oakenwald Av	Dowker Av	Local	P3	0.83
Mabel St	Ashland Av	Baltimore Rd	Local	P3	0.21
Mabel St	Bartlet Av	Maplewood Av	Local	P3	0.21
Mabel St	Clare Av	Balfour Av	Local	P3	0.21
Mabel St	Clare Av	Montgomery Av	Local	P3	0.20
Mabel St	Bartlet Av	Morley Av	Local	P3	0.19

Template Version: S320140606 - S LR

Mabel St	Oakwood Av	Baltimore Rd	Local	P3	0.21
Mabel St	Maplewood Av	Oakwood Av	Local	P3	0.20
Mabel St	Arnold Av	Morley Av	Local	P3	0.17
Mabel St	Ashland Av	Balfour Av	Local	P3	0.21
Manchester Bv N	Point Rd	Wildwood St	Local	P3	0.53
Manchester Bv N	Point Rd	End	Local	P3	0.40
Manchester Bv S	Point Rd	End	Local	P3	0.33
Manchester Bv S	Point Rd	Wildwood St	Local	P3	0.53
Maplewood Av	Fisher St	Casey St	Local	P3S	0.35
Maplewood Av	Casey St	Hay St	Local	P3S	0.35
Maplewood Av	Eccles St	Mabel St	Local	P3S	0.35
Maplewood Av	Hay St	Osborne St	Local	P3S	0.50
Maplewood Av	Fisher St	Mabel St	Local	P3S	0.35
Mars Dr	Planet St	Somerville Av	Local	P3	0.47
Mars Dr	Beaumont St	Planet St	Local	P3	0.69
Marshall By	Belair Rd	Brisbane Av	Local	P3	0.81
Marshall By	Brisbane Av	Clarence Av	Local	P3	0.18
Marshall By	Belair Rd	Brisbane Av	Local	P3	0.17
Marshall By	Brisbane Av	Clarence Av	Local	P3	0.28
Marshall Cr	Donnelly St	Maybank Dr	Local	P3	0.58
Marshall Cr	Maybank Dr	Waller Av	Local	P3	0.41
Marshall Cr	Donnelly St	Clarence Av	Local	P3	0.52
Maybank Dr	Donnelly St	Marshall Cr	Local	P3	0.51
Mayfair Av	Harkness St	End	Local	P3	0.04
Mayfair Pl	River Av	End	Local	P3	0.39
McDougall St	Holly Av	Kebir Pl	Local	P3	0.27
McGillivray Pl	Biscayne By	Vincent St	Local	P3	0.16
McGillivray Pl	Rampart By	Rampart By	Local	P3	0.16
McGillivray Pl	Beaumont St	Beaumont By	Local	P3	0.03
McGillivray Pl	Biscayne By	Rampart By	Local	P3	0.16
McGillivray Pl	Biscayne By	Biscayne By	Local	P3	0.16
McGillivray Pl	Beaumont By	End	Local	P3	0.09

Template Version: S320140606 - S LR

McGillivray Pl	Biscayne By	Vincent St	Local	P3	0.19
McGillivray Pl	Beaumont By	Rampart By	Local	P3	0.16
McGillivray Pl	Beaumont St	Beaumont By	Local	P3	0.14
McMillan Av	McMillan Av	Osborne St	Local	P3	0.08
McMillan Av	Lilac St	Wentworth St	Local	P3	0.35
McMillan Av	Stafford St	Wentworth St	Local	P3	0.35
McMillan Av	Arbuthnot St	Lilac St	Local	P3	0.35
McMillan Av	Daly St N	Nassau St N	Local	P3	0.47
McMillan Av	Osborne St	End	Local	P3	0.09
McMillan Av	Arbuthnot St	Cockburn St N	Local	P3	0.35
McMillan Av	Cockburn St N	Hugo St N	Local	P3	0.35
McMillan Av	Daly St N	Hugo St N	Local	P3	0.35
McMillan Av	Nassau St N	End	Local	P3	0.27
McNaughton Av	Daly St S	Nassau St S	Local	P3	0.47
McNaughton Av	Nassau St S	Osborne St SB to Churchill Dr	Local	P3	0.55
Mercury By	Planet St	Planet St	Local	P3	0.77
Merriam Bv	Pembina Hw	Riverside Dr	Local	P3	0.83
Montague Av	Nassau St S	Osborne St SB to Churchill Dr	Local	P3	0.55
Montague Av	Churchill Dr	Nassau St S	Local	P3	0.38
Montgomery Av	Casey St	Hay St	Local	P3	0.35
Montgomery Av	Churchill Dr WB to Osborne St	Hay St	Local	P3	0.45
Montgomery Av	Fisher St	Mabel St	Local	P3	0.35
Montgomery Av	Casey St	Fisher St	Local	P3	0.35
Montgomery Av	Churchill Dr	Mabel St	Local	P3	0.25
Morley Av	Daly St S	Hugo St S	Local	P3	0.35
Mulvey Av	Daly St N	Pembina Hw	Local	P3	0.39
Mulvey Av	Stafford St	Wentworth St	Local	P3	0.35
Mulvey Av	Arbuthnot St	Lilac St	Local	P3	0.35
Mulvey Av	Lilac St	Wentworth St	Local	P3	0.35
Mulvey Av	Cockburn St N	Hugo St N	Local	P3	0.35
Mulvey Av	Cockburn St N	Arbuthnot St	Local	P3	0.35
Mulvey Av	Osborne St	End	Local	P3	0.18

Template Version: S320140606 - S LR

Mulvey Av	Daly St N	Hugo St N	Local	P3	0.35
Nassau St N	Gertrude Av	McMillan Av	Local	P3	0.20
Nassau St N	Fleet Av	Garwood Av	Local	P3	0.19
Nassau St N	Stradbrook Av	Wardlaw Av	Local	P3	0.21
Nassau St N	Fleet Av	Pembina Hw	Local	P3	0.19
Nassau St N	Gertrude Av	Wardlaw Av	Local	P3	0.20
Nassau St N	Jessie Av	Warsaw Av	Local	P3	0.20
Nassau St N	Corydon Av	McMillan Av	Local	P3	0.20
Nassau St N	Pembina Hw	Warsaw Av	Local	P3	0.09
Nassau St N	Corydon Av	Jessie Av	Local	P3	0.20
Nassau St S	Beresford Av	Rosedale Av	Local	P3	0.20
Nassau St S	Montague Av	Mcnaughton Av	Local	P3	0.20
Nassau St S	Beresford Av	Rathgar Av	Local	P3	0.19
Nassau St S	Taft Cr	End	Local	P3	0.17
Nassau St S	Hethrington Av	Arnold Av	Local	P3	0.17
Nassau St S	Jubilee Av	Rosedale Av	Local	P3	0.22
Nassau St S	Walker Av	Kylemore Av	Local	P3	0.16
Nassau St S	Rathgar Av	Walker Av	Local	P3	0.16
Nassau St S	Brandon Av	Carlaw Av	Local	P3	0.17
Nassau St S	Taft Cr	Morley Av	Local	P3	0.16
Nassau St S	Jubilee Av	Mcnaughton Av	Local	P3	0.23
Nassau St S	Arnold Av	Morley Av	Local	P3	0.17
Nassau St S	Carlaw Av	Hethrington Av	Local	P3	0.17
Neptune By	Planet St	Planet St	Local	P3	0.76
Nesbitt By	Pembina Hw	Crescent Dr	Local	P3	0.65
Netley St	Oakenwald Av	Riverwood Av	Local	P3	0.19
Netley St	North Dr	Waterford Av	Local	P3	0.21
Netley St	Riverwood Av	Viscount Pl	Local	P3	0.28
Netley St	Viscount Pl	Waterford Av	Local	P3	0.26
Norquay St	River Av	End	Local	P3	0.27
North Dr	Pembina Hw	Wicklow St	Local	P3	0.68
North Dr	Point Rd	Wicklow St	Local	P3	0.20

Template Version: S320140606 - S LR

North Dr	Howth Rd	Oakenwald Av	Local	P3	0.67
North Dr	Point Rd	Wicklow St	Local	P3	0.06
Oakwood Av	Eccles St	Mabel St	Local	P3	0.35
Oakwood Av	Casey St	Fisher St	Local	P3	0.25
Oakwood Av	Casey St	Hay St	Local	P3	0.35
Oakwood Av	Fisher St	Fisher St	Local	P3	0.09
Oakwood Av	Hay St	Osborne St	Local	P3	0.50
Oakwood Av	Fisher St	Fisher St	Local	P3	0.09
Oakwood Av	Darling St	Eccles St	Local	P3	0.35
Oakwood Av	Fisher St	Mabel St	Local	P3	0.25
Oriole St	Crane Av	Holly Av	Local	P3	0.33
Osborne St	Osborne St	McMillan Av	Local	P3	0.10
Palk Rd	Wellington Cr	Ruskin Rw	Local	P3	0.33
Parker Av	Wynne St	End	Local	P3	0.54
Parker Av	Daniel St	Derek St	Local	P3	0.35
Parker Av	Daniel St	Beaumont St	Local	P3	0.34
Parker Av	Heatherdale Av	Wynne St	Local	P3	0.04
Parker Av	Heatherdale Av	Rockman St	Local	P3	0.30
Parker Av	Derek St	Rockman St	Local	P3	0.35
Pheasant St	Crane Av	Holly Av	Local	P3	0.33
Planet St	Neptune By	Neptune By	Local	P3	0.19
Planet St	Mercury By	Jupiter By	Local	P3	0.17
Planet St	Mars Dr	Somerville Av	Local	P3	0.16
Planet St	Neptune By	Mercury By	Local	P3	0.19
Planet St	Saturn By	Somerville Av	Local	P3	0.17
Planet St	Jupiter By	Parker Av	Local	P3	0.17
Pulford St	River Av	End	Local	P3	0.27
Radisson Av	Hudson St	Pembina Hw	Local	P3	0.38
Rampart By	Mcgillivray Pl	Mcgillivray Pl	Local	P3	0.60
Rathgar Av	Nassau St S	Osborne St	Local	P3	0.59
Rathgar Av	Daly St S	Nassau St S	Local	P3	0.47
Rathgar Av	Lilac St	Cockburn St S	Local	P3	0.05

Template Version: S320140606 - S LR

Rathgar Av	Lilac St	Cockburn St S	Local	P3	0.69
Riley Cr	Dowker Av	End	Local	P3	0.41
Riley Cr	Dowker Av	Wicklow St	Local	P3	0.63
River Av	Stradbrook Av	Arctic St	Local	P3S	0.01
River Av	Stradbrook Av	Arctic St	Local	P3S	0.16
River Av	Arctic St	Harkness St	Local	P3S	0.12
Riverdale St	Jubilee Av	End	Local	P3	0.10
Riverside Dr E	Riverside Dr	End	Local	P3	0.07
Riverwood Av	Point Rd	Netley St	Local	P3	0.39
Riverwood Av	Daniel St	End	Local	P3	0.21
Riverwood Av	Lyon St	Point Rd	Local	P3	0.30
Riverwood Av	Beaumont St	Daniel St	Local	P3	0.35
Riverwood Av	Wicklow St	Woodgrove St	Local	P3	0.50
Riverwood Av	Lyon St	Wicklow St	Local	P3	0.57
Riverwood Av	Pembina Hw	Woodgrove St	Local	P3	0.52
Riviera Av	Riviera Cr	Pembina Hw	Local	P3	0.14
Riviera Cr	Riviera Av	End	Local	P3	0.22
Riviera Cr	Crescent Dr	Riviera Av	Local	P3	0.57
Rockman St	Heatherdale Av	Parker Av	Local	P3	0.09
Rockman St	Edderton Av	Rosemount Av	Local	P3	0.18
Rockman St	Somerville Av	Windermere Av	Local	P3	0.17
Rockman St	Byng Pl	Windermere Av	Local	P3	0.18
Rockman St	Byng Pl	Byng Pl	Local	P3	0.02
Rockman St	Edderton Av	Byng Pl	Local	P3	0.17
Rockman St	Byng Pl	Byng Pl	Local	P3	0.02
Rockman St	Pembina Hw	Somerville Av	Local	P3	0.34
Rockman St	Parker Av	Rosemount Av	Local	P3	0.17
Rosedale Av	Nassau St S	Osborne St	Local	P3	0.60
Rosedale Av	Nassau St S	Daly St S	Local	P3	0.47
Rosedale Av	Cockburn St S	Lilac St	Local	P3	0.69
Rosedale Av	Argue St	Lilac St	Local	P3	0.45
Rosedale Av	Cockburn St S	Daly St S	Local	P3	0.69

Template Version: S320140606 - S LR

Rosemount Av	Wynne St	Rockman St	Local	P3	0.34
Rosemount Av	Derek St	Rockman St	Local	P3	0.35
Rosemount Av	Daniel St	Derek St	Local	P3	0.35
Rosemount Av	Rosemount By	Daniel St	Local	P3	0.35
Rosemount By	Beaumont St	End	Local	P3	0.15
Roslyn Cr	Roslyn Rd	Nassau St N	Local	P3	0.57
Roslyn Cr	Nassau St N	Roslyn Rd	Local	P3	0.07
Roslyn Cr	Nassau St N	Roslyn Rd	Local	P3	0.22
Roslyn Rd	Bryce St	End	Local	P3	0.20
Roslyn Rd	Roslyn Cr	Nassau St N	Local	P3	0.34
Roslyn Rd	Bryce St	Osborne St	Local	P3	0.53
Royse Av	Hudson St	Pembina Hw	Local	P3	0.64
Ruskin Rw	Palk Rd	Yale Av	Local	P3	0.17
Ruskin Rw	Harvard Av	Kingsway Af	Local	P3	0.26
Ruskin Rw	Harvard Av	Palk Rd	Local	P3	0.13
Ruskin Rw	Yale Av	Grosvenor Av	Local	P3	0.25
Ruttan By	Oakenwald Av	Oakenwald Av	Local	P3	0.92
Sandra By	Crane Av	Crane Av	Local	P3	0.65
Saturn By	Planet St	Planet St	Local	P3	0.79
Scotland Av	Lilac St	Wentworth St	Local	P3	0.35
Scotland Av	Arbuthnot St	Cockburn St N	Local	P3	0.35
Scotland Av	Stafford St	Wentworth St	Local	P3	0.35
Scotland Av	Pembina Hw	End	Local	P3	0.32
Scotland Av	Pembina Hw	Pembina Hw	Local	P3	0.05
Scotland Av	Arbuthnot St	Lilac St	Local	P3	0.35
Scotland Av	Scotland Av	Pembina Hw	Local	P3	0.08
Scotland Av	Pembina Hw	Cockburn St N	Local	P3	0.24
Scott St	Wardlaw Av	Stradbroom Av	Local	P3	0.22
Scott St	Gertrude Av	Wardlaw Av	Local	P3	0.20
Scott St	Donald St	Gertrude Av	Local	P3	0.18
Somerset Av	Riverside Dr	End	Local	P3	0.34
Somerset Av	Wicklow St	Pembina Hw	Local	P3	0.56

Template Version: S320140606 - S LR

Somerset Av	Point Rd	Wicklow St	Local	P3	0.05
Somerset Av	Riverside Dr	Point Rd	Local	P3	0.43
Somerville Av	Beaumont St	Planet St	Local	P3	0.69
Somerville Av	Rockman St	End	Local	P3	0.15
Somerville Av	Mars Dr	Planet St	Local	P3	0.32
Somerville Av	Point Rd	Riverside Dr	Local	P3	0.62
Somerville Av	Mars Dr	End	Local	P3	0.08
Somerville Av	Daniel St	Rockman St	Local	P3	0.60
Somerville Av	Daniel St	Beaumont St	Local	P3	0.34
Southwood Av	Daniel St	Pembina Hw	Local	P3	0.50
Southwood Av	Woodgrove St	Pembina Hw	Local	P3	0.40
Southwood Av	Wicklow St	End	Local	P3	0.09
Southwood Av	Beaumont St	Daniel St	Local	P3	0.35
Southwood Av	Wicklow St	Woodgrove St	Local	P3	0.50
Stinson Av	Fortune St	Taft Cr	Local	P3	0.18
Stinson Av	Daly St S	Fortune St	Local	P3	0.14
Stradbrook Av	Stradbrook Av	River Av	Local	P3S	0.05
Taft Cr	Nassau St S	Stinson Av	Local	P3	0.21
Taft Cr	Stinson Av	End	Local	P3	0.09
Togo Av	Osborne St	End	Local	P3	0.20
Venus By	Beaumont St	End	Local	P3	0.15
Venus By	Beaumont St	End	Local	P3	0.29
Vincent St	Mcgillivray Pl	Dickson Cr	Local	P3	0.21
Vincent St	Dickson Cr	Waller Av	Local	P3	0.17
Viscount Pl	Netley St	Point Rd	Local	P3	0.44
Walker Av	Argue St	Cockburn St S	Local	P3	0.51
Walker Av	Cockburn St S	Daly St S	Local	P3	0.69
Walker Av	Osborne St	Nassau St S	Local	P3	0.59
Walker Av	Daly St S	Nassau St S	Local	P3	0.47
Waller Av	Donnelly St	Vincent St	Local	P3	0.34
Waller Av	Donnelly St	Marshall Cr	Local	P3	0.62
Waller Av	Donnelly St	Vincent St	Local	P3	0.10

Template Version: S320140606 - S LR

Waller Av	Marshall Cr	Pembina Hw	Local	P3	0.68
Wardlaw Av	Donald St	Scott St	Local	P3	0.37
Wardlaw Av	Nassau St N	Osborne St	Local	P3	0.59
Wardlaw Av	Osborne St	Scott St	Local	P3	0.55
Wardlaw Av	Daly St N	Nassau St N	Local	P3	0.47
Wardlaw Av	Daly St N	Wellington Cr	Local	P3	0.06
Warsaw Av	Stafford St	Wentworth St	Local	P3S	0.35
Warsaw Av	Arbuthnot St	Lilac St	Local	P3	0.35
Warsaw Av	Lilac St	Wentworth St	Local	P3S	0.35
Warsaw Av	Nassau St N	Pembina Hw	Local	P3	0.08
Warsaw Av	Arbuthnot St	Cockburn St N	Local	P3	0.35
Warsaw Av	Cockburn St N	Hugo St N	Local	P3	0.35
Warsaw Av	Daly St N	Hugo St N	Local	P3	0.35
Warsaw Av	Nassau St N	Daly St N	Local	P3	0.47
Warsaw Av	Pembina Hw	End	Local	P3	0.35
Waterford Av	Point Rd	Wicklows St	Local	P3	0.45
Waterford Av	Beaumont St	Daniel St	Local	P3	0.34
Waterford Av	Wicklows St	Pembina Hw	Local	P3	0.79
Waterford Av	Lyon St	Point Rd	Local	P3	0.09
Waterford Av	Netley St	Lyon St	Local	P3	0.35
Waterford Av	Pembina Hw	Daniel St	Local	P3	0.65
Waterford By	Burgundy Cr	Beaumont St	Local	P3	0.28
Waterford By	Beaumont St	Burgundy Cr	Local	P3	0.43
Wavell Av	Casey St	Fisher St	Local	P3	0.35
Wavell Av	Casey St	Churchill Dr WB to Osborne St	Local	P3	0.74
Weatherdon Av	Arbuthnot St	Lilac St	Local	P3	0.35
Weatherdon Av	Stafford St	Wentworth St	Local	P3	0.35
Weatherdon Av	Lilac St	Wentworth St	Local	P3	0.35
Wentworth St	Carter Av	Hector Av	Local	P3	0.17
Wentworth St	Dorchester Av	Grosvenor Av	Local	P3	0.20
Wentworth St	Mulvey Av	Warsaw Av	Local	P3	0.18
Wentworth St	Ebby Av	Hector Av	Local	P3	0.17

Template Version: S320140606 - S LR

Wentworth St	Dorchester Av	McMillan Av	Local	P3	0.20
Wentworth St	Jessie Av	Warsaw Av	Local	P3	0.20
Wentworth St	Fleet Av	Garwood Av	Local	P3	0.17
Wentworth St	Dudley Av	Lorette Av	Local	P3	0.17
Wentworth St	Grosvenor Av	End	Local	P3	0.10
Wentworth St	Corydon Av	Jessie Av	Local	P3	0.20
Wentworth St	Ebby Av	Jackson Av	Local	P3	0.17
Wentworth St	Fleet Av	Mulvey Av	Local	P3	0.16
Wentworth St	Scotland Av	End	Local	P3	0.09
Wentworth St	Carter Av	Weatherdon Av	Local	P3	0.17
Wentworth St	Jackson Av	Taylor Av	Local	P3	0.17
Wentworth St	Dudley Av	Garwood Av	Local	P3	0.17
Wentworth St	Lorette Av	Scotland Av	Local	P3	0.10
Wentworth St	Corydon Av	McMillan Av	Local	P3	0.20
Wentworth St	Weatherdon Av	End	Local	P3	0.07
Wicklow Pl	Dowker Av	End	Local	P3	0.13
Wicklow St	Riverwood Av	Southwood Av	Local	P3	0.19
Wicklow St	North Dr	Somerset Av	Local	P3	0.06
Wicklow St	Waterford Av	North Dr	Local	P3	0.19
Wicklow St	Southwood Av	Waterford Av	Local	P3	0.18
Wicklow St	Oakenwald Av	Riverwood Av	Local	P3	0.19
Wicklow St	Wicklow St	Oakenwald Av	Local	P3	0.07
Wicklow St	Oakenwald Av	Riley Cr	Local	P3	0.19
Wicklow St	Riley Cr	Dowker Av	Local	P3	0.46
Wicklow St	North Dr	Somerset Av	Local	P3	0.20
Wildwood St	Manchester Bv N	Manchester Bv S	Local	P3	0.10
Wildwood St	South Dr	Wildwood G Pk	Local	P3	0.17
Wildwood St	Manchester Bv S	Wildwood G Pk	Local	P3	0.09
Wildwood St	Manchester Bv N	Oakenwald Av	Local	P3	0.18
Wilmot Pl	River Av	End	Local	P3	0.21
Wilmot Pl	River Av	End	Local	P3	0.27
Windermere Av	Point Rd	Riverside Dr	Local	P3	0.78

Template Version: S320140606 - S LR

Windermere By	Beaumont St	End	Local	P3	0.15
Wood St	Bell Av	End	Local	P3	0.08
Woodgrove St	Oakenwald Av	End	Local	P3	0.09
Woodgrove St	Riverwood Av	Southwood Av	Local	P3	0.19
Woodgrove St	Oakenwald Av	Riverwood Av	Local	P3	0.19
Woodward Av	Osborne St	End	Local	P3	0.27
Woodward Av	Osborne St	End	Local	P3	0.40
Wynne St	Edderton Av	Rosemount Av	Local	P3	0.18
Wynne St	Edderton Av	End	Local	P3	0.02
Wynne St	Parker Av	Rosemount Av	Local	P3	0.17
Yale Av	Avonherst St	Stafford St	Local	P3	0.35
Yale Av	Avonherst St	Ruskin Rw	Local	P3	0.23
TOTAL					181.38

APPENDIX D – ENVIRONMENT CANADA WEATHER DATA

YEAR	TOTAL ANNUAL SNOWFALL [CENTIMETER]
1974-1975	125.2
1975-1976	136.2
1976-1977	64.4
1977-1978	73.1
1978-1979	148.6
1979-1980	108
1980-1981	72.5
1981-1982	77.2
1982-1983	77.4
1983-1984	56.3
1984-1985	93.2
1985-1986	124.2
1986-1987	120.2
1987-1988	65.4
1988-1989	153.6
1989-1990	96.4
1990-1991	120.5
1991-1992	133
1992-1993	111.6
1993-1994	82
1994-1995	88.6
1995-1996	202.5
1996-1997	211.4
1997-1998	104.1
1998-1999	144.7
1999-2000	71.4
2000-2001	109.7
2001-2002	105.4
2002-2003	90.9
2003-2004	149.8
2004-2005	136.6
2005-2006	151.2
2006-2007	135.6
2007-2008	111.9
2008-2009	129.2
2009-2010	81.6
2010-2011	149.1
2011-2012	72.6
2012-2013	151
2013-2014	177