



THE CITY OF WINNIPEG

BID OPPORTUNITY

BID OPPORTUNITY NO. 405-2018

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

Note to Bidders: Please be aware of revisions to B13.4

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PART B - BIDDING PROCEDURES

B1. CONTRACT TITLE

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

B2. SUBMISSION DEADLINE

- B2.1 The Submission Deadline is 4:00 p.m. Winnipeg time, July 3, 2018.
- 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 six (6) 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 B16.
- 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 B7.8, deviations inconsistent with the Bid Opportunity document shall be evaluated in accordance with B15.1(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.
- B7.4 The Bid may be submitted by mail, courier or personal delivery, or by facsimile transmission.
- B7.5 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
- B7.5.1 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.
- B7.6 If the Bid is submitted by facsimile transmission, it shall be submitted to 204-949-1178.
- B7.6.1 The Bidder is advised that the City cannot take responsibility for the availability of the facsimile machine at any time.
- B7.7 Bidders are advised not to include any information/literature except as requested in accordance with B7.1.
- B7.8 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 B16.1(a)
- 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 11 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.
- B9.2 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. DISCLOSURE

B10.1 Various Persons provided information or services with respect to this Work. In the City's opinion, this relationship or association does not create a conflict of interest because of this full disclosure. Where applicable, additional material available as a result of contact with these Persons is listed below.

B10.2 The Persons are:

(a) N/A

B11. CONFLICT OF INTEREST AND GOOD FAITH

B11.1 Bidders, by responding to this Bid Opportunity, declare that no Conflict of Interest currently exists, or is reasonably expected to exist in the future.

B11.2 Conflict of Interest means any situation or circumstance where a Bidder or employee of the Bidder proposed for the Work has:

- (a) other commitments;
- (b) relationships;
- (c) financial interests; or
- (d) involvement in ongoing litigation;

that could or would be seen to:

- (i) exercise an improper influence over the objective, unbiased and impartial exercise of the independent judgment of the City with respect to the evaluation of Bids or award of the Contract; or
- (ii) compromise, impair or be incompatible with the effective performance of a Bidder's obligations under the Contract;
- (e) has contractual or other obligations to the City that could or would be seen to have been compromised or impaired as a result of its participation in the Bid Opportunity process or the Work; or
- (f) has knowledge of confidential information (other than confidential information disclosed by the City in the normal course of the Bid Opportunity process) of strategic and/or material relevance to the Bid Opportunity process or to the Work that is not available to other bidders and that could or would be seen to give that Bidder an unfair competitive advantage.

B11.3 In connection with its Bid, each entity identified in B11.2 shall:

- (a) avoid any perceived, potential or actual Conflict of Interest in relation to the procurement process and the Work;
- (b) upon discovering any perceived, potential or actual Conflict of Interest at any time during the Bid Opportunity process, promptly disclose a detailed description of the Conflict of Interest to the City in a written statement to the Contract Administrator; and
- (c) provide the City with the proposed means to avoid or mitigate, to the greatest extent practicable, any perceived, potential or actual Conflict of Interest and shall submit any additional information to the City that the City considers necessary to properly assess the perceived, potential or actual Conflict of Interest.

B11.4 Without limiting B11.3, the City may, in its sole discretion, waive any and all perceived, potential or actual Conflicts of Interest. The City's waiver may be based upon such terms and conditions as the City, in its sole discretion, requires to satisfy itself that the Conflict of Interest has been appropriately avoided or mitigated, including requiring the Bidder to put into place such policies, procedures, measures and other safeguards as may be required by and be acceptable to the City, in its sole discretion, to avoid or mitigate the impact of such Conflict of Interest.

- B11.5** Without limiting B11.3, and in addition to all contractual or other rights or rights at law or in equity or legislation that may be available to the City, the City may, in its sole discretion:
- (a) disqualify a Bidder that fails to disclose a perceived, potential or actual Conflict of Interest of the Bidder or any of its employees proposed for the Work;
 - (b) require the removal or replacement of any employees proposed for the Work that has a perceived, actual or potential Conflict of Interest that the City, in its sole discretion, determines cannot be avoided or mitigated;
 - (c) disqualify a Bidder or employees proposed for the Work that fails to comply with any requirements prescribed by the City pursuant to B11.4 to avoid or mitigate a Conflict of Interest; and
 - (d) disqualify a Bidder if the Bidder, or one of its employees proposed for the Work, has a perceived, potential or actual Conflict of Interest that, in the City's sole discretion, cannot be avoided or mitigated, or otherwise resolved.
- B11.6** The final determination of whether a perceived, potential or actual Conflict of Interest exists shall be made by the City, in its sole discretion.

B12. QUALIFICATION

- B12.1** 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.
- B12.2** 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>
- B12.3** 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;
 - (c) have a written workplace safety and health program, if required, pursuant to The Workplace Safety and Health Act (Manitoba);
 - (d) have performed snow clearing services under contract that utilize similar equipment complement as stated in E4.1.
- B12.4** Further to B12.3(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) Written confirmation of a safety and health certification meeting SAFE Work Manitoba's SAFE Work Certified Standard (e.g., COR™ and SECOR™) or

- (i) 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
 - (ii) 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
- (b) 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/>).

B12.5 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.

B12.6 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.

B13. OPENING OF BIDS AND RELEASE OF INFORMATION

B13.1 Bid Submissions will not be opened publicly.

B13.2 Following the Submission Deadline, the names of the Bidders and their 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/>

B13.3 After award of Contract, the name(s) of the successful Bidder(s), their address(es) 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/>

B13.4 The Bidder is advised that any information contained in any Bid may be released if required by The Freedom of Information and Protection of Privacy Act (Manitoba), by other authorities having jurisdiction, or by law or by City policy or procedures (which may include access by members of City Council).

B13.4.1 To the extent permitted, the City shall treat as confidential information, those aspects of a Bid Submission identified by the Bidder as such in accordance with and by reference to Part 2, Section 17 or Section 18 or Section 26 of The Freedom of Information and Protection of Privacy Act (Manitoba), as amended.

B14. IRREVOCABLE BID

B14.1 The Bid(s) submitted by the Bidder shall be irrevocable for the time period specified in Paragraph 9 of Form A: Bid.

B14.2 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.

B15. WITHDRAWAL OF BIDS

- B15.1** 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.
- B15.1.1** 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.
- B15.1.2** 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 11 of Form A: Bid, and only such person, has authority to give notice of withdrawal.
- B15.1.3** 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 11 of Form A: Bid; and
 - (c) if the notice has been given by any one of the persons specified in B15.1.3(b), declare the Bid withdrawn.
- B15.2** 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 B14.2 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.

B16. EVALUATION OF BIDS

- B16.1** 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 B12 (pass/fail);
 - (c) Total Bid Price;
 - (d) economic analysis of any approved alternative pursuant to B6;
- B16.2** Further to B16.1(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.
- B16.3** Further to B16.1(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.
- B16.4** Further to B16.1(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.
- B16.4.1** Further to B16.1(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.
- B16.5** This Contract will be awarded as a whole.

B17. AWARD OF CONTRACT

- B17.1** The City will give notice of the award of the Contract or will give notice that no award will be made.

- B17.2 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.
- B17.2.1 Without limiting the generality of B17.2, 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.
- B17.3 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 B16 .
- B17.3.1 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.
- B17.4 Notwithstanding C4.1, the City may issue a Purchase Order to the successful Bidder in lieu of the execution of a Contract.
- B17.5 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.

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, 2018 to April 15, 2022, 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 streets, bus route and collector streets, residential streets, and back lanes listed in Appendix A, Appendix B, Appendix C, shown on 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 four (4) winter season from October 15, 2018 to April 15, 2022 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;
 - (f) snow clearing using truck plows on the Priority I, Priority II and Priority III streets noted in Appendices A, B and C and identified on Drawing 1;
 - (g) 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, shown on Drawing 1, 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;
- (h) clearing of drainage inlets in spring.

D3. DEFINITIONS

D3.1 When used in this Bid Opportunity:

- (a) **"User"** means a person, department or other administrative unit of the City authorized by the Contract Administrator to order Work under this Contract.
- (b) **"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.
- (c) **"Roadway"** means the paved portion of the street that is used exclusively for the passage of motorized vehicles.
- (d) **"Street"** means a highway over which the City of Winnipeg has jurisdiction.
- (e) **"Sidewalk"** means the paved portion of the street that is used exclusively for a passage of pedestrians.
- (f) **"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.
- (g) **"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.
- (h) **"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.
- (i) **"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.
- (j) **"Traffic lane"** means a 3.6 metre or greater width of pavement.
- (k) **"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.
- (l) **"Bare pavement"** means that the Contractor shall endeavour to completely clear the full pavement width of snow.
- (m) **"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.
- (n) **"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).

- (o) **"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.
- (p) **"Hauling away"** means the relocation of cleared snow volumes by use of trucks for purposes of transporting to a distant storage location.
- (q) **"Snow"** means all forms of frozen precipitation including ice associated with such snow.
- (r) **"Wing Back"** means the Contractor shall push back the windrow to create storage space for snow in future plowing operations.
- (s) **"Cross walk"** means any sidewalk at street intersections or at signed corridors.
- (t) **"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.
- (u) **"Clearing Operation"** In this Contract, means each such direction by the Contract Administrator for clearing and hauling services for snow removal and the performance thereof by the Contractor.

D4. CONTRACT ADMINISTRATOR

D4.1 The Contract Administrator is:

Jean-Luc Lambert, P.Eng.
Support Services Engineer

Telephone No. 204- 986-7087

Email Address: jeanlambert@winnipeg.ca

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.

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, unlicensed equipment liability (Contractor's equipment) non-owned automobile liability 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-way's during winter months" (i.e. insurance to cover snow removal and ice control of streets, roadways, back lanes/alleys, sidewalks, etc.). And confirmation that the operations include loading, unloading, hauling and dumping.
- 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, 2022, 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 B12.4, 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 B12.4.

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 with respect to the Work; and
 - (e) pedestrian and other traffic on any public or private road is not unduly endangered by the performance of the Work.

MEASUREMENT AND PAYMENT

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 | North Area (West) Snow Clearing Priority Streets |
| 2 | North Area (West) 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 specified in E2.1.7(i) or E2.1.7(ii) 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.

(i) At bus stops that accommodates a non-articulated bus the windrow shall be removed to a distance of twelve (12) meters upstream of the bus stop sign;

(ii) At bus stops that accommodates an articulated bus the windrow shall be removed to a distance of eighteen (18) meters upstream of the bus stop sign;

E2.1.8 Snow windrows at hydrants shall be removed one (1) 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 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 Contract Administrator may direct otherwise and the Contractor shall conform to all such directives, either oral or written.
- E2.1.21 Back lane 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. The relocation work shall consist of moving the container behind area affected by snow clearing and then placing back to original position.

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) truck plow snow clearing;
- (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 that 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) truck plow snow clearing;
- (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 that 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 that results 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 15th 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 Ban. 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 Ban.

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, back lanes and sidewalks 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 - 21,000 lbs. (6803.9 kg – 9525.4 kg); 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 - 30,500 lbs. (9,525.4 kg – 13,834.6 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 150 H.P.;
 - (ii) Operating Weight 30,500 – 42,500 lbs. (13,834.6 kg – 19,277.7 kg); and
 - (iii) Bucket Size 2.7m (8'9") width.
- (e) **K4 Class Motor Graders:** Minimum 140 - 159 Flywheel Horsepower;
- (f) **K5 Class Motor Graders:** Minimum 160 – 179 Flywheel Horsepower;
- (g) **K6 Class Motor Graders:** Minimum 180 and over Flywheel Horsepower;
- (h) **Truck Plows:** As specified in E3.2 and E4.7 of the Specifications.

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 E3.2.1(g).

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.

E3.2 TRUCK PLOW CLEARING OPERATIONS

E3.2.1 Notwithstanding the requirements of E2 of the Specifications, the clearing of snow using truck plows shall be in accordance with the following:

- (a) Truck plowing on Priority I, Priority II and Priority III streets may be required during and after any measurable snowfall. The decision to perform a snow clearing operation will be made by the Contract Administrator or his designate;
- (b) Priority I (Regional) streets shall normally receive the highest priority for snow clearing followed by Priority II (Bus Routes and Collectors) streets and then Priority III (Residential) streets. However, there may be circumstances when Collectors and Bus Routes would be cleared before Regional streets. This shall only be done when so directed by the Contract Administrator;
- (c) Priority I, Priority II and Priority III streets shall be cleared to bare pavement over the full width, except at isolated locations where parked cars make the plowing of the curb lane(s) impossible;
- (d) Notwithstanding E7 the Contractor may be directed to clear only the travel lanes;
- (e) Windrows at all intersections, crosswalks, corridors, railway crossings and private approaches shall be removed if the Contract Administrator or his designate deem that they present a hazard to traffic;
- (f) Reasonable care shall be taken so that snow from the truck plow clearing operations shall not be deposited in sidewalk areas. Snow deposited on the sidewalk areas unnecessarily shall be removed by the Contractor at his expense; and
- (g) Snow may be deposited on centre medians when allowed by the Contract Administrator.

E4. EQUIPMENT

E4.1 The Contractor shall provide the following minimum quantity and type of equipment in first class working condition:

- (a) 9 motor graders;
- (b) 12 loaders;
- (c) 8 truck plows.

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 blue 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.

E4.7 TRUCK PLOWS

E4.7.1 Each truck plow shall conform to the following:

- (a) be capable of providing a level of performance consistent with the front-mounted truck plows currently in use by the City;
- (b) be equipped with a hydraulically reversible straight blade that will ride on the pavement surface;

- (c) the plow blade shall be suitable for clearing a minimum 2.4 m wide path when fully angled (approximately 40°); and
- (d) the plow blade and/or cutting edges shall be spring loaded or flexible to allow deflection when an obstacle is encountered. This deflection shall cause the blade to raise to clear manholes, catch basins, curbs and other obstructions protruding above pavement, without damage.

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 cellular communications with City staff involved in the inspection of contract snow clearing operations. Failure by the Contractor to provide cellular 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 email, text, and facsimile transmission (fax machine) and shall supply the email address, cellular number, and 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 extreme snowfall events 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, E2.4, and E2.5.
- 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 B9 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 128.97 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 130.18 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 219.32 lane km of street for three (3) clearing operations of 0-10 cm;
- (d) **Item No. 4 – Back Lanes:** The approximate quantity is based on 40.78 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 1 indicates the inventory of streets, and 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 annual accumulation of snow based on the meteorological summary of the Records kept by the City of Winnipeg for the last forty one (44) 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 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.

E10.3 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, sidewalk 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.

E10.4 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.

- E10.5 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.
- E10.6 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 $\text{Payment} = R \times L \times F$.
- E10.7 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.
- E10.8 The snow accumulation for purposes of payment for a gradual accumulation or combination of a recent and gradual 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 gradual accumulation will not include snow that has been melted by environmental affects, chemical action, or both as determined by the Contract Administrator.
- 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 Table 1 below and are further detailed in E10.10.1, E10.10.2, E10.10.3, E10.10.4, and E10.10.5.

| 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. $F = 1 + \left[0.90 \left(\frac{x - 10}{10} \right) \right]$ |
| (3) Gradual | Starting after December 15 th 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 after December 15 th 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 after December 15 th 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 x lane kilometres x 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 x lane kilometres x 1.387).

E10.10.3 For a clearing operation required as a result of a Gradual Accumulation, excluding salted or chemically cleared snow, 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 28th, 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 28th 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 x lane kilometres x 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, excluding Gradual Accumulation that was salted or chemically treated, measured starting after December 15th 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 20th of 5.0 cm with severe winds, and in the opinion of the Contract Administrator, there is a 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 20th. 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 20th 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 after December 15th 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 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 20th 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 15th and the commencement of the Recent Accumulation on January 20th. 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 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 truck plowing or 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 snow clearing operations shall be included in the unit price per lane kilometre or kilometre respectively in Form B: Prices, Item no. 1, 2, and 3.
- E10.13 Ice blades and wings specifically requested for Hourly work by the Contract Administrator or his designate will be compensated for at the same rate per hour as those specified in the "Hourly Rental Rate for Public Works Department for the 2018 to 2019 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 31st, 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 28th, 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, identified in Appendix A with an asterisk.
- 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 percent (5%) 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 1st of the previous year to October 1st of the current year. The first inflationary adjustment shall occur on October 1, 2019. The maximum annual adjustment shall not exceed ten percent (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 2018 charged to the Streets Maintenance Division by the City of Winnipeg Fleet Management Agency.
- E12.3 Price adjustments will be assessed on October 1st and on January 1st 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 1st the average price for the month of September will be used and for January 1st 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:
- $\text{Price Adjustment} = (\text{Actual Price} - (1.03 \times \text{Base Price}))$
- 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:
- $\text{Price Adjustment} = ((0.97 \times \text{Base Price}) - \text{Actual Price})$
- E12.4.3 Unit Price is as follows:
- $\text{Unit Price Adjustment} = \text{Unit Price} - (\text{Price Adjustment} \times 0.17 \times \text{Unit Price}).$

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 Contract Administrator 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 30th following the snow clearing season. Damages not rectified by June 30th 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 15th 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 or III streets, sidewalks or back lanes in accordance with the time and quality requirements specified in E2, the Contractor shall be assessed a penalty.

E14.1.1 For Priority I streets, the penalty shall be in the amount of \$3,000.00 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 \$2,000.00 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 E3.2.1(g) 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 E3.2.1(g). 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 E2, 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, sidewalks 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 E2 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.

APPENDIX A – NORTH AREA (WEST) PRIORITY I STREETS

| STREET NAME | FROM STREET | TO STREET | SNOW ROUTE | PRIORITY | LANE KM |
|--------------------|----------------------|----------------------|------------|----------|---------|
| Albany St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Amherst St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Assiniboine Cr | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Banting Dr | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Bedson St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Belvidere St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Berry St | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Best St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Booth Dr | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.02 |
| Booth Dr | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Bourkevale Dr | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Bruce Av | Moray St | Moray St | Regional | P1 | 0.06 |
| Buchanan Bv | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Buchanan Bv | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Caron Av | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.02 |
| Cavalier Dr | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Cavalier Dr | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Charleswood Bridge | Moray St | William R Clement Pw | Regional | P1 | 0.17 |
| Charleswood Bridge | Moray St | William R Clement Pw | Regional | P1 | 0.18 |
| Charleswood Bridge | William R Clement Pw | Moray St | Regional | P1 | 0.17 |
| Charleswood Bridge | William R Clement Pw | Moray St | Regional | P1 | 0.18 |
| Clifton St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Collegiate St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Conway St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Country Club Bv | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Country Club Bv | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Daer Bv | Portage Av | Portage Av | Regional | P1 | 0.04 |
| David St | Portage Av | Portage Av | Regional | P1 | 0.04 |

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|-----------------|-------------|--------------------|----------|----|------|
| Davidson St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Deer Lodge Pl | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Deer Lodge Pl | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Douglas Park Rd | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Duffield St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Erin St | Portage Av | Portage Av | Regional | P1 | 0.05 |
| Ferry Rd | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Flamingo Av | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.02 |
| Garden Rd | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Golf Bv | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Greenacre Bv | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Hallonquist Dr | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.02 |
| Harcourt St | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Harris Bv | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Inglewood St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Isbister St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| King Edward St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Lake St | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Library Pl | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Linwood St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Lodge Av | Moray St | Moray St | Regional | P1 | 0.03 |
| Lyle St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Mandeville St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Moorgate St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Moray St | Ness Av | Ness Av | Regional | P1 | 0.02 |
| Moray St | Ness Av | Ness Av | Regional | P1 | 0.02 |
| Moray St | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Moray St | Lodge Av | Bruce Av | Regional | P1 | 0.64 |
| Moray St | Pinewood Dr | Charleswood Bridge | Regional | P1 | 0.33 |
| Moray St | Portage Av | Charleswood Bridge | Regional | P1 | 0.58 |
| Moray St | Bruce Av | Lodge Av | Regional | P1 | 0.64 |
| Moray St | Moray St | Portage Av | Regional | P1 | 0.05 |

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|----------------|-----------------|-----------------|----------|----|------|
| Moray St | Portage Av | Lodge Av | Regional | P1 | 1.02 |
| Moray St | Moray St | Portage Av | Regional | P1 | 0.06 |
| Moray St | Ness Av | Bruce Av | Regional | P1 | 0.63 |
| Moray St | Lodge Av | Portage Av | Regional | P1 | 1.01 |
| Moray St | Pinewood Dr | Portage Av | Regional | P1 | 0.24 |
| Moray St | Portage Av | Lodge Av | Regional | P1 | 0.03 |
| Moray St | Portage Av | Lodge Av | Regional | P1 | 0.03 |
| Moray St | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Moray St | Bruce Av | Ness Av | Regional | P1 | 0.63 |
| Mount Royal Cr | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Mount Royal Cr | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Murray Park Rd | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.06 |
| Murray Park Rd | Sturgeon Rd | Murray Park Rd | Regional | P1 | 0.17 |
| * Ness Av | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.02 |
| * Ness Av | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.02 |
| * Ness Av | Strathmillan Rd | Whytewold Rd | Regional | P1 | 0.49 |
| * Ness Av | Wallasey St | Thompson Dr | Regional | P1 | 0.24 |
| * Ness Av | Prairie View Rd | Harcourt St | Regional | P1 | 0.57 |
| * Ness Av | Ness Av | Ness Av | Regional | P1 | 0.03 |
| * Ness Av | Harcourt St | Thompson Dr | Regional | P1 | 0.40 |
| * Ness Av | Thompson Dr | Thompson Dr | Regional | P1 | 0.03 |
| * Ness Av | Moray St | Ainslie St | Regional | P1 | 0.18 |
| * Ness Av | Thompson Dr | Thompson Dr | Regional | P1 | 0.03 |
| * Ness Av | Prairie View Rd | Sturgeon Rd | Regional | P1 | 0.81 |
| * Ness Av | Thompson Dr | Prairie View Rd | Regional | P1 | 0.97 |
| * Ness Av | Wallasey St | Moray St | Regional | P1 | 0.34 |
| * Ness Av | Olive St | Olive St | Regional | P1 | 0.08 |
| * Ness Av | Olive St | Whytewold Rd | Regional | P1 | 0.25 |
| * Ness Av | Sturgeon Rd | Prairie View Rd | Regional | P1 | 0.81 |
| * Ness Av | Rita St | Olive St | Regional | P1 | 0.11 |
| * Ness Av | Moray St | Wallasey St | Regional | P1 | 0.35 |
| * Ness Av | Rita St | Braintree Rd | Regional | P1 | 0.42 |

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|--------------|---------------|-----------------------------|----------|----|------|
| * Ness Av | Ness Av | Sturgeon Rd | Regional | P1 | 0.10 |
| * Ness Av | Whytewold Rd | Strathmillan Rd | Regional | P1 | 0.49 |
| * Ness Av | Ainslie St | Rita St | Regional | P1 | 0.53 |
| * Ness Av | Thompson Dr | Wallasey St | Regional | P1 | 0.24 |
| * Ness Av | Olive St | Rita St | Regional | P1 | 0.11 |
| * Ness Av | Braintree Rd | Moray St | Regional | P1 | 0.29 |
| * Ness Av | Whytewold Rd | Olive St | Regional | P1 | 0.33 |
| * Ness Av | Ness Av | Ness Av | Regional | P1 | 0.02 |
| * Ness Av | Moray St | Moray St | Regional | P1 | 0.03 |
| * Ness Av | Moray St | Moray St | Regional | P1 | 0.03 |
| Oakdean Bv | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Old Mill Rd | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Olive St | Ness Av | Ness Av | Regional | P1 | 0.01 |
| Olive St | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Overdale St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Overdale St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Parkview St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| * Portage Av | Woodlands Cr | Woodlands Cr | Regional | P1 | 0.37 |
| * Portage Av | Stewart St | Isbister St | Regional | P1 | 0.27 |
| * Portage Av | School Rd | Banting Dr | Regional | P1 | 0.27 |
| * Portage Av | Buchanan Bv | David St | Regional | P1 | 1.51 |
| * Portage Av | Rouge Rd | Cavalier Dr | Regional | P1 | 0.38 |
| * Portage Av | Cavalier Dr | Rouge Rd | Regional | P1 | 0.34 |
| * Portage Av | Rouge Rd | Westwood Dr | Regional | P1 | 1.26 |
| * Portage Av | Cavalier Dr | Cavalier Dr | Regional | P1 | 0.02 |
| * Portage Av | Cavalier Dr | Cavalier Dr | Regional | P1 | 0.02 |
| * Portage Av | St Charles St | Portage Av WB to PTH 101 NB | Regional | P1 | 0.22 |
| * Portage Av | Shelley St | Vimy Rd | Regional | P1 | 0.19 |
| * Portage Av | Bedson St | Best St | Regional | P1 | 0.27 |
| * Portage Av | Woodlands Cr | Sturgeon Rd | Regional | P1 | 0.05 |
| * Portage Av | Bedson St | David St | Regional | P1 | 0.56 |
| * Portage Av | David St | Knox St | Regional | P1 | 1.21 |

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|--------------|-----------------------------|-----------------|----------|----|------|
| * Portage Av | Best St | Bedson St | Regional | P1 | 0.27 |
| * Portage Av | Seaton St | Sumach St | Regional | P1 | 0.26 |
| * Portage Av | Seaton St | Raquette St | Regional | P1 | 0.26 |
| * Portage Av | Muriel St | Rouge Rd | Regional | P1 | 0.44 |
| * Portage Av | Raquette St | Seaton St | Regional | P1 | 0.26 |
| * Portage Av | Banting Dr | Daer Bv | Regional | P1 | 0.49 |
| * Portage Av | Cavalier Dr | Sumach St | Regional | P1 | 0.63 |
| * Portage Av | Country Club Bv | Country Club Bv | Regional | P1 | 0.08 |
| * Portage Av | Buchanan Bv | Buchanan Bv | Regional | P1 | 0.03 |
| * Portage Av | Isbister St | St Charles St | Regional | P1 | 0.16 |
| * Portage Av | Woodlands Cr | Sturgeon Rd | Regional | P1 | 0.20 |
| * Portage Av | Greenway Cr W | Banting Dr | Regional | P1 | 0.47 |
| * Portage Av | School Rd | School Rd | Regional | P1 | 0.03 |
| * Portage Av | Westwood Dr | Westwood Dr | Regional | P1 | 0.03 |
| * Portage Av | Portage Av | Portage Av | Regional | P1 | 0.04 |
| * Portage Av | St Charles St | Isbister St | Regional | P1 | 0.16 |
| * Portage Av | St Charles St | St Charles St | Regional | P1 | 0.20 |
| * Portage Av | Sturgeon Rd | Woodlands Cr | Regional | P1 | 0.57 |
| * Portage Av | Country Club Bv | Country Club Bv | Regional | P1 | 0.08 |
| * Portage Av | Sumach St | Cavalier Dr | Regional | P1 | 0.37 |
| * Portage Av | Stewart St | Buchanan Bv | Regional | P1 | 0.29 |
| * Portage Av | Buchanan Bv | Stewart St | Regional | P1 | 0.29 |
| * Portage Av | Golf Bv | Greenway Cr W | Regional | P1 | 0.42 |
| * Portage Av | PTH 100 NB to Portage Av EB | St Charles St | Regional | P1 | 0.50 |
| * Portage Av | Isbister St | Stewart St | Regional | P1 | 0.27 |
| * Portage Av | Buchanan Bv | Buchanan Bv | Regional | P1 | 0.03 |
| * Portage Av | Greenacre Bv | Greenway Cr E | Regional | P1 | 0.27 |
| * Portage Av | Woodlands Cr | Country Club Bv | Regional | P1 | 0.46 |
| * Portage Av | Greenacre Bv | Country Club Bv | Regional | P1 | 0.40 |
| * Portage Av | Banting Dr | School Rd | Regional | P1 | 0.27 |
| * Portage Av | Westwood Dr | Westwood Dr | Regional | P1 | 0.04 |
| * Portage Av | Westwood Dr | Parkhill St | Regional | P1 | 0.12 |

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|--------------|-----------------|-----------------|----------|----|------|
| * Portage Av | Country Club Bv | Greenacre Bv | Regional | P1 | 0.38 |
| * Portage Av | Westwood Dr | Shelley St | Regional | P1 | 0.52 |
| * Portage Av | Knox St | Buchanan Bv | Regional | P1 | 0.31 |
| * Portage Av | Golf Bv | Greenacre Bv | Regional | P1 | 0.40 |
| * Portage Av | School Rd | School Rd | Regional | P1 | 0.03 |
| * Portage Av | Parkdale St | Muriel St | Regional | P1 | 0.68 |
| * Portage Av | Parkhill St | Parkdale St | Regional | P1 | 0.39 |
| * Portage Av | Daer Bv | Golf Bv | Regional | P1 | 0.38 |
| * Portage Av | Greenway Cr E | Golf Bv | Regional | P1 | 0.12 |
| * Portage Av | Vimy Rd | Westwood Dr | Regional | P1 | 0.32 |
| * Portage Av | School Rd | Shelley St | Regional | P1 | 0.55 |
| * Portage Av | Kirkfield St | School Rd | Regional | P1 | 0.17 |
| * Portage Av | Shelley St | Kirkfield St | Regional | P1 | 0.38 |
| * Portage Av | Raquette St | Best St | Regional | P1 | 0.27 |
| * Portage Av | Portage Av | Portage Av | Regional | P1 | 0.03 |
| * Portage Av | Portage Av | Portage Av | Regional | P1 | 0.04 |
| * Portage Av | Country Club Bv | Woodlands Cr | Regional | P1 | 0.46 |
| * Portage Av | David St | Bedson St | Regional | P1 | 0.56 |
| * Portage Av | Best St | Raquette St | Regional | P1 | 0.27 |
| * Portage Av | Portage Av | Portage Av | Regional | P1 | 0.04 |
| * Portage Av | Assiniboine Cr | Whytewold Rd | Regional | P1 | 0.39 |
| * Portage Av | Woodbridge Rd | Thompson Dr | Regional | P1 | 0.36 |
| * Portage Av | Harris Bv | Oakdean Bv | Regional | P1 | 0.40 |
| * Portage Av | Albany St | Sackville St | Regional | P1 | 0.62 |
| * Portage Av | Roseberry St | Parkview St | Regional | P1 | 0.36 |
| * Portage Av | Brooklyn St | Winston Rd | Regional | P1 | 0.09 |
| * Portage Av | Rutland St | Inglewood St | Regional | P1 | 0.34 |
| * Portage Av | St James St | St James St | Regional | P1 | 0.04 |
| * Portage Av | Sturgeon Rd | Harris Bv | Regional | P1 | 0.54 |
| * Portage Av | Sturgeon Rd | Harris Bv | Regional | P1 | 0.05 |
| * Portage Av | Sackville St | Douglas Park Rd | Regional | P1 | 0.08 |
| * Portage Av | Library Pl | Amherst St | Regional | P1 | 0.15 |

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|--------------|--------------------------------|--------------------------------|----------|----|------|
| * Portage Av | Ronald St | Woodhaven Bv | Regional | P1 | 0.26 |
| * Portage Av | Moray St | Moray St | Regional | P1 | 0.06 |
| * Portage Av | Linwood St | Deer Lodge Pl | Regional | P1 | 0.22 |
| * Portage Av | Douglas Park Rd | Sackville St | Regional | P1 | 0.08 |
| * Portage Av | Thompson Dr | Woodbridge Rd | Regional | P1 | 0.33 |
| * Portage Av | Traill Av | Davidson St | Regional | P1 | 0.36 |
| * Portage Av | Vernon Rd | Assiniboine Cr | Regional | P1 | 0.19 |
| * Portage Av | Berry St | Hampton St | Regional | P1 | 0.43 |
| * Portage Av | Harris Bv | Sturgeon Rd | Regional | P1 | 0.56 |
| * Portage Av | Moray St | Moray St | Regional | P1 | 0.06 |
| * Portage Av | Ronald St | Old Mill Rd | Regional | P1 | 0.45 |
| * Portage Av | Century St NB to Portage Av WB | Portage Av WB to Century St SB | Regional | P1 | 0.28 |
| * Portage Av | Estella St | Portage Av WB to Century St NB | Regional | P1 | 0.21 |
| * Portage Av | Rita St | Ainslie St | Regional | P1 | 1.07 |
| * Portage Av | Ainslie St | Moray St | Regional | P1 | 0.40 |
| * Portage Av | Moray St | Aldine St | Regional | P1 | 0.39 |
| * Portage Av | Lake St | Moray St | Regional | P1 | 0.46 |
| * Portage Av | Moray St | Rita St | Regional | P1 | 1.47 |
| * Portage Av | Booth Dr | Woodhaven Bv | Regional | P1 | 0.41 |
| * Portage Av | Woodbridge RD | Harcourt St | Regional | P1 | 0.53 |
| * Portage Av | Woodhaven Bv | Booth Dr | Regional | P1 | 0.41 |
| * Portage Av | Kintyre St | St James St | Regional | P1 | 0.25 |
| * Portage Av | Harcourt St | Woodbridge Rd | Regional | P1 | 0.53 |
| * Portage Av | Woodhaven Bv | Ronald St | Regional | P1 | 0.26 |
| * Portage Av | Olive St | Rita St | Regional | P1 | 0.39 |
| * Portage Av | Whytewold Rd | Assiniboine Cr | Regional | P1 | 0.39 |
| * Portage Av | Portage Av | Moray St | Regional | P1 | 0.06 |
| * Portage Av | Olive St | Whytewold Rd | Regional | P1 | 0.54 |
| * Portage Av | Oakdean Bv | Portage Av at Sturgeon Creek | Regional | P1 | 0.14 |
| * Portage Av | Portage Av WB to Century St NB | Century St NB to Portage Av WB | Regional | P1 | 0.39 |
| * Portage Av | Conway St | Moorgate St | Regional | P1 | 0.39 |
| * Portage Av | Garden Rd | Riverbend Cr | Regional | P1 | 0.31 |

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|--------------|-------------------------------------|------------------------------|----------|----|------|
| * Portage Av | Amherst St | Douglas Park Rd | Regional | P1 | 0.24 |
| * Portage Av | Collegiate St | Roseberry St | Regional | P1 | 0.36 |
| * Portage Av | Albany St | Lyle St | Regional | P1 | 0.36 |
| * Portage Av | Overdale St | Overdale St | Regional | P1 | 0.04 |
| * Portage Av | Rita St | Olive St | Regional | P1 | 0.37 |
| * Portage Av | Aldine St | Wallasey St | Regional | P1 | 0.34 |
| * Portage Av | Whytewold Rd | Olive St | Regional | P1 | 0.52 |
| * Portage Av | Portage Av Overpass | Kintyre St | Regional | P1 | 0.56 |
| * Portage Av | Riverbend Cr | Portage Av Overpass | Regional | P1 | 0.25 |
| * Portage Av | Portage Av WB to Century St SB | Garden Rd | Regional | P1 | 0.25 |
| * Portage Av | Portage Av Bridge at Sturgeon Creek | Oakdean Bv | Regional | P1 | 0.10 |
| * Portage Av | Booth Dr | Portage Av at Sturgeon Creek | Regional | P1 | 0.23 |
| * Portage Av | Linwood St | Deer Lodge Pl | Regional | P1 | 0.28 |
| * Portage Av | Mount Royal Cr | Mount Royal Cr | Regional | P1 | 0.89 |
| * Portage Av | Strathmillan Rd | Vernon Rd | Regional | P1 | 0.43 |
| * Portage Av | Assiniboine Cr | Strathmillan Rd | Regional | P1 | 0.61 |
| * Portage Av | Old Mill Rd | Harcourt St | Regional | P1 | 0.15 |
| * Portage Av | Wallasey St | Lake St | Regional | P1 | 0.30 |
| * Portage Av | Wallasey St | Thompson Dr | Regional | P1 | 0.53 |
| * Portage Av | Harcourt St | Old Mill Rd | Regional | P1 | 0.15 |
| * Portage Av | Portage Av Bridge at Sturgeon Creek | Booth Dr | Regional | P1 | 0.22 |
| * Portage Av | Woodlawn St | Duffield St | Regional | P1 | 0.73 |
| * Portage Av | St James St | Estella St | Regional | P1 | 0.21 |
| * Portage Av | Overdale St | Overdale St | Regional | P1 | 0.04 |
| * Portage Av | Portage Av | Portage Av | Regional | P1 | 0.04 |
| * Portage Av | Queen St | King Edward St | Regional | P1 | 0.42 |
| * Portage Av | Overdale St | Mandeville St | Regional | P1 | 0.35 |
| * Portage Av | Deer Lodge Pl | Winchester St | Regional | P1 | 0.20 |
| * Portage Av | Belvidere St | Mandeville St | Regional | P1 | 0.32 |
| * Portage Av | Riverbend Cr | Queen St | Regional | P1 | 0.09 |
| * Portage Av | Winchester St | Deer Lodge Pl | Regional | P1 | 0.20 |
| * Portage Av | Oakdean Bv | Harris Bv | Regional | P1 | 0.40 |

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|--------------|-----------------|-----------------|----------|----|------|
| * Portage Av | Berry St | Winston Rd | Regional | P1 | 0.27 |
| * Portage Av | Inglewood St | Rutland St | Regional | P1 | 0.34 |
| * Portage Av | Rutland St | Library Pl | Regional | P1 | 0.19 |
| * Portage Av | Moorgate St | Conway St | Regional | P1 | 0.39 |
| * Portage Av | Duffield St | Sharp Bv | Regional | P1 | 0.43 |
| * Portage Av | Woodlawn St | Belvidere St | Regional | P1 | 0.32 |
| * Portage Av | Sharp Bv | Duffield St | Regional | P1 | 0.43 |
| * Portage Av | Sharp Bv | Sharp Bv | Regional | P1 | 0.02 |
| * Portage Av | Lyle St | Deer Lodge Pl | Regional | P1 | 0.08 |
| * Portage Av | Belvidere St | Woodlawn St | Regional | P1 | 0.32 |
| * Portage Av | King Edward St | Riverbend Cr | Regional | P1 | 0.33 |
| * Portage Av | Amherst St | Library Pl | Regional | P1 | 0.15 |
| * Portage Av | Deer Lodge Pl | Linwood St | Regional | P1 | 0.22 |
| * Portage Av | Roseberry St | Collegiate St | Regional | P1 | 0.36 |
| * Portage Av | Lyle St | Albany St | Regional | P1 | 0.37 |
| * Portage Av | Deer Lodge Pl | Lyle St | Regional | P1 | 0.08 |
| * Portage Av | Library Pl | Rutland St | Regional | P1 | 0.19 |
| * Portage Av | Riveroaks Dr | Bourkevale Dr | Regional | P1 | 0.33 |
| * Portage Av | Parkview St | Riveroaks Dr | Regional | P1 | 0.35 |
| * Portage Av | Bourkevale Dr | Cavell Dr | Regional | P1 | 0.33 |
| * Portage Av | Douglas Park Rd | Amherst St | Regional | P1 | 0.24 |
| * Portage Av | Windham Rd | Wallasey St | Regional | P1 | 0.11 |
| * Portage Av | Inglewood St | Ferry Rd | Regional | P1 | 0.34 |
| * Portage Av | Sackville St | Albany St | Regional | P1 | 0.62 |
| * Portage Av | Davidson St | Strathmillan Rd | Regional | P1 | 0.37 |
| * Portage Av | Winston Rd | King Edward St | Regional | P1 | 0.41 |
| * Portage Av | Portage Av | Portage Av | Regional | P1 | 0.05 |
| * Portage Av | Strathmillan Rd | Davidson St | Regional | P1 | 0.37 |
| * Portage Av | Davidson St | Mount Royal Cr | Regional | P1 | 0.41 |
| * Portage Av | Ferry Rd | Collegiate St | Regional | P1 | 0.36 |
| * Portage Av | Garden Rd | Queen St | Regional | P1 | 0.26 |
| * Portage Av | Parkview St | Roseberry St | Regional | P1 | 0.36 |

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|--------------|----------------------|----------------|----------|----|------|
| * Portage Av | Marjorie St | Parkview St | Regional | P1 | 0.34 |
| * Portage Av | Hampton St | Marjorie St | Regional | P1 | 0.33 |
| * Portage Av | Ferry Rd | Inglewood St | Regional | P1 | 0.34 |
| * Portage Av | Deer Lodge Pl | Linwood St | Regional | P1 | 0.28 |
| * Portage Av | Portage Av | Sturgeon Rd | Regional | P1 | 0.08 |
| * Portage Av | Queen St | Garden Rd | Regional | P1 | 0.26 |
| * Portage Av | King Edward St | Brooklyn St | Regional | P1 | 0.32 |
| * Portage Av | Collegiate St | Ferry Rd | Regional | P1 | 0.36 |
| * Portage Av | Winston Rd | Berry St | Regional | P1 | 0.23 |
| * Portage Av | Winchester St | Overdale St | Regional | P1 | 0.42 |
| * Portage Av | Mandeville St | Belvidere St | Regional | P1 | 0.32 |
| * Portage Av | Mandeville St | Overdale St | Regional | P1 | 0.35 |
| * Portage Av | Overdale St | Winchester St | Regional | P1 | 0.42 |
| * Portage Av | Mount Royal Cr | Conway St | Regional | P1 | 1.31 |
| * Portage Av | Thompson Dr | Windham Rd | Regional | P1 | 0.36 |
| * Portage Av | Mount Royal Cr | Traill Av | Regional | P1 | 0.93 |
| * Portage Av | Duffield St | Woodlawn St | Regional | P1 | 0.73 |
| * Portage Av | Moorgate St | Sharp Bv | Regional | P1 | 0.40 |
| * Portage Av | Conway St | Mount Royal Rd | Regional | P1 | 1.31 |
| * Portage Av | Sharp Bv | Moorgate St | Regional | P1 | 0.42 |
| * Portage Av | Old Mill Rd | Ronald St | Regional | P1 | 0.45 |
| * Portage Av | Portage Av | Moray St | Regional | P1 | 0.08 |
| * Portage Av | Strathcona St | Empress St | Regional | P1 | 0.70 |
| * Portage Av | Richmond St | St James St | Regional | P1 | 0.33 |
| * Portage Av | Strathcona St | Empress St | Regional | P1 | 0.59 |
| * Portage Av | St John Ambulance Wy | Strathcona St | Regional | P1 | 0.52 |
| * Portage Av | St John Ambulance Wy | Strathcona St | Regional | P1 | 0.59 |
| * Portage Av | Valour Rd | Ashburn St | Regional | P1 | 0.32 |
| * Portage Av | Spruce St | Valour Rd | Regional | P1 | 0.33 |
| * Portage Av | Clifton St | Erin St | Regional | P1 | 0.41 |
| * Portage Av | Raglan Rd | Craig St | Regional | P1 | 0.37 |
| * Portage Av | Strathcona St | Raglan Rd | Regional | P1 | 0.19 |

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|-------------------------------------|--------------------------------|--------------------------------|----------|----|------|
| * Portage Av | Raglan Rd | Strathcona St | Regional | P1 | 0.19 |
| * Portage Av | Ashburn St | Raglan Rd | Regional | P1 | 0.18 |
| * Portage Av | Craig St | Valour Rd | Regional | P1 | 0.14 |
| * Portage Av | Tylehurst St | St John Ambulance Wy | Regional | P1 | 0.90 |
| * Portage Av | Clifton St | Telfer St S | Regional | P1 | 0.37 |
| * Portage Av | Stiles St | Telfer St S | Regional | P1 | 0.34 |
| * Portage Av | Erin St | Camden Pl | Regional | P1 | 0.09 |
| * Portage Av | Telfer St S | Clifton St | Regional | P1 | 0.34 |
| * Portage Av | Empress St | Richmond St | Regional | P1 | 1.00 |
| * Portage Av | Camden Pl | Newman St | Regional | P1 | 0.33 |
| * Portage Av | Richmond St | Tylehurst St | Regional | P1 | 0.35 |
| * Portage Av | Erin St | Clifton St | Regional | P1 | 0.32 |
| * Portage Av | Newman St | Wall St | Regional | P1 | 0.17 |
| * Portage Av | St James St | Richmond St | Regional | P1 | 0.33 |
| * Portage Av | Valour Rd | Stiles St | Regional | P1 | 0.18 |
| * Portage Av | Telfer St S | Spruce St | Regional | P1 | 0.16 |
| * Portage Av | Wall St | Erin St | Regional | P1 | 0.67 |
| * Portage Av | Portage Av | Portage Av | Regional | P1 | 0.04 |
| * Portage Av | Cavell Dr | Berry St | Regional | P1 | 0.06 |
| Portage Av Overpass | Century St NB to Portage Av WB | Portage Av WB to Century St SB | Regional | P1 | 0.17 |
| Portage Av Overpass | Riverbend Cr | Kintyre St | Regional | P1 | 0.17 |
| Portage Av Bridge at Sturgeon Creek | Portage Av | Portage Av | Regional | P1 | 0.24 |
| Portage Av Bridge at Sturgeon Creek | Portage Av | Portage Av | Regional | P1 | 0.23 |
| Prairie View Rd | Ness Av | Ness Av | Regional | P1 | 0.02 |
| Queen St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Raglan Rd | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Raquette St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Richmond St | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Rita St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Rita St | Ness Av | Ness Av | Regional | P1 | 0.01 |
| Riveroaks Dr | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Roblin Bv | Roblin Bv | William R Clement Pw | Regional | P1 | 0.11 |

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|-----------------|-----------------|----------------|----------|----|------|
| Ronald St | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Roseberry St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Rouge Rd | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Rutland St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Sackville St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Saskatchewan Av | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.03 |
| Saskatchewan Av | Cavalier Dr | Cavalier Dr | Regional | P1 | 0.02 |
| Saskatchewan Av | Buchanan Bv | Buchanan Bv | Regional | P1 | 0.02 |
| Saskatchewan Av | Sturgeon Rd | Quail Ridge Rd | Regional | P1 | 0.46 |
| Saskatchewan Av | Highwood St | Summit Rd | Regional | P1 | 1.00 |
| Saskatchewan Av | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.05 |
| Saskatchewan Av | Saskatchewan Av | Sturgeon Rd | Regional | P1 | 0.43 |
| Saskatchewan Av | Saskatchewan Av | Buchanan Bv | Regional | P1 | 0.32 |
| Saskatchewan Av | Quail Ridge Rd | Cub Rd | Regional | P1 | 0.38 |
| Saskatchewan Av | Hamilton Av | Hamilton Av | Regional | P1 | 0.02 |
| Saskatchewan Av | Cavalier Dr | Summit Rd | Regional | P1 | 0.37 |
| Saskatchewan Av | Hamilton Av | Cavalier Dr | Regional | P1 | 2.22 |
| Saskatchewan Av | Cub Rd | Hamilton Av | Regional | P1 | 0.66 |
| Saskatchewan Av | Buchanan Bv | Highwood St | Regional | P1 | 0.33 |
| Saskatchewan Av | PTH 101 | Buchanan Bv | Regional | P1 | 0.96 |
| School Rd | Portage Av | Portage Av | Regional | P1 | 0.04 |
| School Rd | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Seaton St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Sharp Bv | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Shelley St | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Silver Av | Hamilton Av | Silver Av | Regional | P1 | 1.41 |
| Silver Av | Sturgeon Rd | Silver Av | Regional | P1 | 0.14 |
| Silver Av | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.06 |
| Silver Av | Silver Av | Sturgeon Rd | Regional | P1 | 0.13 |
| St Charles St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| St James St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| St James St | Portage Av | Portage Av | Regional | P1 | 0.04 |

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|-----------------|-----------------|-----------------------------|----------|----|------|
| Stewart St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Strathcona St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Strathmillan Rd | Ness Av | Ness Av | Regional | P1 | 0.01 |
| Strathmillan Rd | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Sturgeon Access | Sturgeon Rd | North Limit | Regional | P1 | 1.23 |
| Sturgeon Access | North Limit | Sturgeon Rd | Regional | P1 | 1.22 |
| Sturgeon Rd | Woodgreen Pl | Thornton Av | Regional | P1 | 0.20 |
| Sturgeon Rd | Murray Park Rd | Sturgeon Rd | Regional | P1 | 0.25 |
| Sturgeon Rd | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.03 |
| Sturgeon Rd | Caron Av | Flamingo Av | Regional | P1 | 0.36 |
| Sturgeon Rd | Murray Park Rd | Murray Park Rd | Regional | P1 | 0.06 |
| Sturgeon Rd | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.61 |
| Sturgeon Rd | Silver Av | Sturgeon Rd | Regional | P1 | 0.14 |
| Sturgeon Rd | Sturgeon Rd | Murray Park Rd | Regional | P1 | 0.14 |
| Sturgeon Rd | Woodgreen Pl | Sturgeon Rd | Regional | P1 | 0.63 |
| Sturgeon Rd | Sturgeon Rd | Silver Av | Regional | P1 | 0.25 |
| Sturgeon Rd | Silver Av | Silver Av | Regional | P1 | 0.06 |
| Sturgeon Rd | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.04 |
| Sturgeon Rd | Saskatchewan Av | Sturgeon Rd | Regional | P1 | 1.55 |
| Sturgeon Rd | Sturgeon Rd | Saskatchewan Av | Regional | P1 | 1.52 |
| Sturgeon Rd | Tonka Pt | Sturgeon Rd | Regional | P1 | 0.93 |
| Sturgeon Rd | Saskatchewan Av | Sturgeon Rd | Regional | P1 | 0.35 |
| Sturgeon Rd | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.04 |
| Sturgeon Rd | Saskatchewan Av | Saskatchewan Av | Regional | P1 | 0.35 |
| Sturgeon Rd | Saskatchewan Av | Four Mile Rd | Regional | P1 | 3.80 |
| Sturgeon Rd | Caron Av | Booth Dr | Regional | P1 | 0.21 |
| Sturgeon Rd | Flamingo Av | Caron Av | Regional | P1 | 0.36 |
| Sturgeon Rd | Ness Av | Flamingo Av | Regional | P1 | 0.35 |
| Sturgeon Rd | Sturgeon Rd | Saskatchewan Av | Regional | P1 | 0.60 |
| Sturgeon Rd | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Sturgeon Rd | Portage Av | Sturgeon Rd, Sturgeon Creek | Regional | P1 | 0.13 |
| Sturgeon Rd | Sturgeon Rd | Saskatchewan Av | Regional | P1 | 1.22 |

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|-----------------------------|-----------------------------|-----------------------------|----------|----|------|
| Sturgeon Rd | Hallonquist Dr | Sturgeon Rd, Sturgeon Creek | Regional | P1 | 0.47 |
| Sturgeon Rd | Sturgeon Rd, Sturgeon Creek | Portage Av | Regional | P1 | 0.15 |
| Sturgeon Rd | Booth Dr | Caron Av | Regional | P1 | 0.21 |
| Sturgeon Rd | Sturgeon Rd, Sturgeon Creek | Hallonquist Dr | Regional | P1 | 0.46 |
| Sturgeon Rd | Booth Dr | Hallonquist Dr | Regional | P1 | 0.22 |
| Sturgeon Rd | Saskatchewan Av | Saskatchewan Av | Regional | P1 | 0.03 |
| Sturgeon Rd | Emerald Grove Dr | Ness Av | Regional | P1 | 0.39 |
| Sturgeon Rd | Hallonquist Dr | Booth Dr | Regional | P1 | 0.22 |
| Sturgeon Rd | Sturgeon Rd | Ness Av | Regional | P1 | 0.09 |
| Sturgeon Rd | Ness Av | Ness Av | Regional | P1 | 0.02 |
| Sturgeon Rd | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.02 |
| Sturgeon Rd | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Sturgeon Rd | Emerald Grove Dr | Thornton Av | Regional | P1 | 0.16 |
| Sturgeon Rd | Saskatchewan Av | Saskatchewan Av | Regional | P1 | 0.02 |
| Sturgeon Rd | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.02 |
| Sturgeon Rd | Flamingo Av | Ness Av | Regional | P1 | 0.35 |
| Sturgeon Rd | Ness Av | Sturgeon Rd | Regional | P1 | 0.25 |
| Sturgeon Rd | Portage Av | Sturgeon Rd | Regional | P1 | 0.06 |
| Sturgeon Rd | Four Mile Rd | North Limit | Regional | P1 | 1.34 |
| Sturgeon Rd, Sturgeon Creek | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.14 |
| Sturgeon Rd, Sturgeon Creek | Sturgeon Rd | Sturgeon Rd | Regional | P1 | 0.10 |
| Telfer St S | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Thompson Dr | Ness Av | Ness Av | Regional | P1 | 0.01 |
| Thompson Dr | Ness Av | Ness Av | Regional | P1 | 0.01 |
| Thompson Dr | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Valour Rd | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Wall St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Wallasey St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Wallasey St | Ness Av | Ness Av | Regional | P1 | 0.01 |
| Westwood Dr | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Westwood Dr | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Whytewold Rd | Portage Av | Portage Av | Regional | P1 | 0.03 |

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|----------------------|----------------------|------------|----------|----|---------------|
| Whtewold Rd | Ness Av | Ness Av | Regional | P1 | 0.02 |
| William R Clement Pw | Charlewood Bridge | Roblin Bv | Regional | P1 | 0.78 |
| William R Clement Pw | Charleswood Bridge | Roblin Bv | Regional | P1 | 0.77 |
| William R Clement Pw | William R Clement Pw | Roblin Bv | Regional | P1 | 0.21 |
| Winchester St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Winston Rd | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Woodbridge Rd | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Woodhaven Bv | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Woodlands Cr | Portage Av | Portage Av | Regional | P1 | 0.04 |
| Woodlawn St | Portage Av | Portage Av | Regional | P1 | 0.03 |
| Total | | | | | 128.97 |

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.

APPENDIX B - NORTH AREA (WEST) PRIORITY II STREETS

| STREET NAME | FROM STREET | TO STREET | SNOW ROUTE | PRIORITY | LANE KM |
|----------------|---------------------|---------------------|--------------|----------|---------|
| Allard Av | Pontiac By | Rouge Rd | Non Regional | P2 | 0.22 |
| Allard Av | Bedson St | Best St | Non Regional | P2 | 0.18 |
| Allard Av | Raquette St | Seaton St | Non Regional | P2 | 0.18 |
| Allard Av | Pontiac By | Sumach St | Non Regional | P2 | 0.10 |
| Allard Av | Pontiac By | Pontiac By | Non Regional | P2 | 0.16 |
| Allard Av | Seaton St | Sumach St | Non Regional | P2 | 0.18 |
| Allard Av | Raquette St | Best St | Non Regional | P2 | 0.18 |
| Amundsen By | Westwood Dr | Westwood Dr | Non Regional | P2 | 0.02 |
| Apple Ln | Quail Ridge Rd | Cub Rd | Non Regional | P2 | 0.38 |
| Apple Ln | Hamilton Meadows Dr | Quail Ridge Rd | Non Regional | P2 | 0.19 |
| Apple Ln | Hamilton Av | Hamilton Meadows Dr | Non Regional | P2 | 0.11 |
| Apple Ln | Cub Rd | Quail Ridge Rd | Non Regional | P2 | 0.37 |
| Apple Ln | Hamilton Av | Hamilton Av | Non Regional | P2 | 0.02 |
| Assiniboine Av | Barron Dr | Raquette St | Non Regional | P2 | 0.18 |
| Assiniboine Av | Bedson St | Raquette St | Non Regional | P2 | 0.35 |
| Assiniboine Av | Longfellow By | Longfellow By | Non Regional | P2 | 0.18 |
| Assiniboine Av | Longfellow By | Carroll Rd | Non Regional | P2 | 0.35 |
| Assiniboine Av | Rouge Rd | Maureen St | Non Regional | P2 | 0.52 |
| Assiniboine Av | Carroll Rd | Westwood Dr | Non Regional | P2 | 0.44 |
| Assiniboine Av | Barron Dr | Maureen St | Non Regional | P2 | 0.18 |
| Assiniboine Av | Rouge Rd | Scalena Pl | Non Regional | P2 | 0.18 |
| Assiniboine Av | Longfellow By | Scalena Pl | Non Regional | P2 | 0.17 |
| Athlone Dr | Flamingo Av | Prairie View Rd | Non Regional | P3S | 0.18 |
| Augier Av | Gagnon St | St Charles St | Non Regional | P2 | 0.19 |
| Augier Av | Gagnon St | Oxbow Bend Rd | Non Regional | P2 | 0.45 |
| Banting Dr | McBey Av | Portage Av | Non Regional | P2 | 0.59 |
| Bedson St | Sansome Av | Twain Dr | Non Regional | P2 | 0.18 |

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|-------------|-------------------|-------------------|--------------|----|------|
| Bedson St | Dickens Dr | Shakespeare By | Non Regional | P2 | 0.16 |
| Bedson St | Keats Wy | Keats Wy | Non Regional | P2 | 0.16 |
| Bedson St | Twain Dr | Portage Av | Non Regional | P2 | 0.55 |
| Bedson St | Allard Av | Keats Wy | Non Regional | P2 | 0.17 |
| Bedson St | Shakespeare By | Shakespeare By | Non Regional | P2 | 0.16 |
| Bedson St | Keats Wy | Twain Dr | Non Regional | P2 | 0.16 |
| Bedson St | Addison Av | Shakespeare By | Non Regional | P2 | 0.16 |
| Bedson St | Assiniboine Gr | Coleridge Park Dr | Non Regional | P2 | 0.17 |
| Bedson St | Addison Av | Assiniboine Gr | Non Regional | P2 | 0.37 |
| Bedson St | Dickens Dr | Sansome Av | Non Regional | P2 | 0.18 |
| Bedson St | Allard Av | Twain Dr | Non Regional | P2 | 0.33 |
| Bedson St | Coleridge Park Dr | Holt Dr | Non Regional | P2 | 0.59 |
| Booth Dr | Bruce Av | Lodge Av | Non Regional | P2 | 0.36 |
| Booth Dr | Bruce Av | Lodge Av | Non Regional | P2 | 0.15 |
| Booth Dr | Sturgeon Rd | Meadowlark Pl | Non Regional | P2 | 0.37 |
| Booth Dr | Bruce Av | Lodge Av | Non Regional | P2 | 0.07 |
| Booth Dr | Lodge Av | Portage Av | Non Regional | P2 | 0.36 |
| Booth Dr | Meadowlark Pl | Bruce Av | Non Regional | P2 | 0.32 |
| Browning Bv | Reynolds By | Whitegates Cr | Non Regional | P2 | 0.23 |
| Browning Bv | Shelley St | Wordsworth Wy | Non Regional | P2 | 0.33 |
| Browning Bv | Rouge Rd | Wordsworth Wy | Non Regional | P2 | 0.17 |
| Browning Bv | Westwood Dr | Westwood Dr | Non Regional | P2 | 0.02 |
| Browning Bv | Westwood Dr | Wordsworth Wy | Non Regional | P2 | 0.81 |
| Browning Bv | Shelley St | Westwood Dr | Non Regional | P2 | 0.15 |
| Browning Bv | Reynolds By | Rouge Rd | Non Regional | P2 | 0.26 |
| Browning Bv | Raquette St | Whitegates Cr | Non Regional | P2 | 0.35 |
| Browning Bv | Pinehurst Cr | Wordsworth Wy | Non Regional | P2 | 0.17 |
| Bruce Av | Olive St | Rita St | Non Regional | P2 | 0.19 |
| Bruce Av | Aldine St | Wallasey St | Non Regional | P2 | 0.16 |
| Bruce Av | Moray St | Ainslie St | Non Regional | P2 | 0.19 |
| Bruce Av | Strathmillan Rd | Whytewold Rd | Non Regional | P2 | 0.49 |

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|-------------|-----------------|-----------------|--------------|----|------|
| Bruce Av | Athlone Dr | Booth Dr | Non Regional | P2 | 0.28 |
| Bruce Av | Aldine St | Moray St | Non Regional | P2 | 0.18 |
| Bruce Av | Sinawik By | Ainslie St | Non Regional | P2 | 0.20 |
| Bruce Av | Rita St | Sinawik By | Non Regional | P2 | 0.21 |
| Bruce Av | Sinawik By | Sinawik By | Non Regional | P2 | 0.12 |
| Bruce Av | Wallasey St | Thompson Dr | Non Regional | P2 | 0.25 |
| Bruce Av | Harcourt St | Nightingale Rd | Non Regional | P2 | 0.18 |
| Bruce Av | Olive St | Whytefold Rd | Non Regional | P2 | 0.25 |
| Bruce Av | Nightingale Rd | Thompson Dr | Non Regional | P2 | 0.22 |
| Bruce Av | Athlone Dr | Ronald St | Non Regional | P2 | 0.26 |
| Bruce Av | Ronald St | Harcourt St | Non Regional | P2 | 0.28 |
| Buchanan Bv | Portage Av | Livinia Av | Non Regional | P2 | 0.61 |
| Buchanan Bv | Lumsden Av | Risbey Cr | Non Regional | P2 | 0.51 |
| Buchanan Bv | Lumsden Av | Peltier Av | Non Regional | P2 | 0.54 |
| Buchanan Bv | Livinia Av | Portage Av | Non Regional | P2 | 0.61 |
| Buchanan Bv | Risbey Cr | Hamilton Av | Non Regional | P2 | 0.18 |
| Buchanan Bv | Saskatchewan Av | Risbey Cr | Non Regional | P2 | 0.13 |
| Buchanan Bv | Hamilton Av | Ness Av | Non Regional | P2 | 0.53 |
| Buchanan Bv | Ness Av | Hamilton Av | Non Regional | P2 | 0.54 |
| Buchanan Bv | Buchanan Bv | Lumsden Av | Non Regional | P2 | 0.13 |
| Buchanan Bv | Peltier Av | Lumsden Av | Non Regional | P2 | 0.55 |
| Buchanan Bv | Buchanan Bv | Saskatchewan Av | Non Regional | P2 | 0.08 |
| Buchanan Bv | Fairlane Av | Ness Av | Non Regional | P2 | 0.51 |
| Buchanan Bv | Ness Av | Fairlane Av | Non Regional | P2 | 0.51 |
| Buchanan Bv | Risbey Cr | Peltier Av | Non Regional | P2 | 0.32 |
| Buchanan Bv | Peltier Av | Risbey Cr | Non Regional | P2 | 0.32 |
| Buchanan Bv | Buchanan Bv | Buchanan Bv | Non Regional | P2 | 0.02 |
| Buchanan Bv | Buchanan Bv | Buchanan Bv | Non Regional | P2 | 0.02 |
| Buchanan Bv | Hamilton Av | Risbey Cr | Non Regional | P2 | 0.18 |
| Buchanan Bv | Buchanan Bv | Buchanan Bv | Non Regional | P2 | 0.02 |
| Buchanan Bv | Risbey Cr | Lumsden Av | Non Regional | P2 | 0.51 |

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|-----------------|------------------|------------------|--------------|-----|------|
| Buchanan Bv | Fairlane Av | Livinia Av | Non Regional | P2 | 0.53 |
| Buchanan Bv | Livinia Av | Fairlane Av | Non Regional | P2 | 0.53 |
| Buchanan Bv | Buchanan Bv | Buchanan Bv | Non Regional | P2 | 0.02 |
| Buchanan Bv | Risbey Cr | Saskatchewan Av | Non Regional | P2 | 0.13 |
| Byrd Av | Westwood Dr | Westwood Dr | Non Regional | P2 | 0.02 |
| Cavalier Dr | Gerrond By | Hamilton Av | Non Regional | P2 | 0.15 |
| Cavalier Dr | Danbury By | Ness Av | Non Regional | P2 | 0.44 |
| Cavalier Dr | Danbury By | Fairlane Av | Non Regional | P2 | 0.13 |
| Cavalier Dr | Portage Av | Cavalier Dr | Non Regional | P2 | 0.47 |
| Cavalier Dr | Cavalier Dr | Portage Av | Non Regional | P2 | 0.06 |
| Cavalier Dr | Portage Av | Cavalier Dr | Non Regional | P2 | 0.11 |
| Cavalier Dr | Hamilton Av | Hamilton Av | Non Regional | P2 | 0.02 |
| Cavalier Dr | Lumsden Av | Voyageur Av | Non Regional | P2 | 0.13 |
| Cavalier Dr | Deloraine Dr | Ashern Rd | Non Regional | P2 | 0.16 |
| Cavalier Dr | Hollingsworth Av | Moccasin By | Non Regional | P2 | 0.16 |
| Cavalier Dr | Bancroft By | Ness Av | Non Regional | P2 | 0.28 |
| Cavalier Dr | Ashern Rd | Cavalier Dr | Non Regional | P2 | 0.11 |
| Cavalier Dr | Hamilton Av | Hillary Cr | Non Regional | P2 | 0.31 |
| Cavalier Dr | Bissett Cr | Lumsden Av | Non Regional | P2 | 0.32 |
| Cavalier Dr | Hedges By | Hollingsworth Av | Non Regional | P2 | 0.16 |
| Cavalier Dr | Saskatchewan Av | Deloraine Dr | Non Regional | P2 | 0.12 |
| Cavalier Dr | Deloraine Dr | Saskatchewan Av | Non Regional | P2 | 0.12 |
| Cavalier Dr | Moccasin By | Voyageur Av | Non Regional | P2 | 0.16 |
| Cavalier Dr | Ashern Rd | Bissett Cr | Non Regional | P2 | 0.29 |
| Cavalier Dr | Fairlane Av | Portage Av | Non Regional | P2 | 0.72 |
| Cavalier Dr | Bancroft By | Hillary Cr | Non Regional | P2 | 0.28 |
| Chapman Rd | South Lake Dr | South Lake Dr | Non Regional | P3S | 0.23 |
| Chapman Rd | Hamilton Av | South Lake Dr | Non Regional | P3S | 0.12 |
| Chapman Rd | Hamilton Av | Hamilton Av | Non Regional | P2 | 0.02 |
| Country Club Bv | Pine Valley Dr | End | Non Regional | P2 | 0.26 |
| Country Club Bv | Hagen Dr | Pinehurst Cr | Non Regional | P2 | 0.38 |

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|-------------------|-----------------|-----------------|--------------|----|------|
| Country Club Bv | Country Club Bv | Meadowside Dr | Non Regional | P2 | 0.14 |
| Country Club Bv | Mcbey Av | Portage Av | Non Regional | P2 | 0.45 |
| Country Club Bv | Meadowside Dr | Pine Valley Dr | Non Regional | P2 | 0.30 |
| Country Club Bv | Meadowside Dr | Mcbey Av | Non Regional | P2 | 0.56 |
| Country Club Bv | Mcbey Av | Meadowside Dr | Non Regional | P2 | 0.56 |
| Country Club Bv | Park Meadows Dr | Pinehurst Cr | Non Regional | P2 | 0.18 |
| Country Club Bv | Pine Valley Dr | Pinehurst Cr | Non Regional | P2 | 0.19 |
| Country Club Bv | Country Club Bv | Country Club Bv | Non Regional | P2 | 0.04 |
| Country Club Bv | Country Club Bv | Country Club Bv | Non Regional | P2 | 0.04 |
| Country Club Bv | Pinehurst Cr | Hagen Dr | Non Regional | P2 | 0.15 |
| Country Club Bv | Portage Av | Mcbey Av | Non Regional | P2 | 0.45 |
| Country Club Bv | Pine Valley Dr | Park Meadows Dr | Non Regional | P2 | 0.03 |
| Cree Cr | Murray Park Rd | Saulteaux Cr | Non Regional | P2 | 0.02 |
| Cree Cr | Murray Park Rd | Murray Park Rd | Non Regional | P2 | 1.99 |
| Cree Cr | Murray Park Rd | Murray Park Rd | Non Regional | P2 | 0.02 |
| Crestview Park Dr | Leisure By | Leisure By | Non Regional | P2 | 0.16 |
| Crestview Park Dr | Carberry Cr | Makinak By | Non Regional | P2 | 0.31 |
| Crestview Park Dr | Hamilton Av | Leisure By | Non Regional | P2 | 0.12 |
| Crestview Park Dr | Inwood Cr | Makinak By | Non Regional | P2 | 0.21 |
| Crestview Park Dr | Inwood Cr | Carberry Cr | Non Regional | P2 | 0.40 |
| Crestview Park Dr | Voyageur Av | Inwood Cr | Non Regional | P2 | 0.36 |
| Crestview Park Dr | Carberry Cr | Inwood Cr | Non Regional | P2 | 0.09 |
| Crestview Park Dr | Inch By | Inch By | Non Regional | P2 | 0.21 |
| Crestview Park Dr | Leisure By | Inch By | Non Regional | P2 | 0.17 |
| Crestview Park Dr | Cavalier Dr | Carberry Cr | Non Regional | P2 | 0.18 |
| Crestview Park Dr | Inch By | Voyageur Av | Non Regional | P2 | 0.26 |
| Fairlane Av | Buchanan Bv | Knox St | Non Regional | P2 | 0.20 |
| Fairlane Av | Isbister St | Stewart St | Non Regional | P2 | 0.18 |
| Fairlane Av | Goswell Rd | Knox St | Non Regional | P2 | 0.64 |
| Fairlane Av | Buchanan Bv | Buchanan Bv | Non Regional | P2 | 0.02 |
| Fairlane Av | Buchanan Bv | Stewart St | Non Regional | P2 | 0.19 |

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|----------------|-------------------------------|-------------------------------|--------------|-----|------|
| Fairlane Av | David St | Freemont By | Non Regional | P2 | 0.50 |
| Fairlane Av | David St | Goswell Rd | Non Regional | P2 | 0.14 |
| Fairlane Av | Cavalier Dr | Ridley St | Non Regional | P2 | 0.36 |
| Fairlane Av | Freemont By | Ridley St | Non Regional | P2 | 0.40 |
| Flamingo Av | Athlone Dr | Meadowlark Pl | Non Regional | P3S | 0.44 |
| Hallonquist Dr | Setter St | Sturgeon Rd | Non Regional | P2 | 0.25 |
| Hamilton Av | Hamilton Av at Sturgeon Creek | Wharton Bv | Non Regional | P2 | 0.09 |
| Hamilton Av | Rogan Dr | Parkdale St | Non Regional | P2 | 0.25 |
| Hamilton Av | Chapman Rd | Redfern Rd | Non Regional | P2 | 0.54 |
| Hamilton Av | Vimy Rd | Parkhill St | Non Regional | P2 | 0.24 |
| Hamilton Av | Buchanan Bv | Buchanan Bv | Non Regional | P2 | 0.02 |
| Hamilton Av | Crestview Park Dr | Parkdale St | Non Regional | P2 | 0.19 |
| Hamilton Av | Redfern Rd | Knox St | Non Regional | P2 | 0.38 |
| Hamilton Av | Hamilton Av at Sturgeon Creek | Valley View Pl | Non Regional | P2 | 0.28 |
| Hamilton Av | Wharton Bv | Hamilton Av at Sturgeon Creek | Non Regional | P2 | 0.10 |
| Hamilton Av | Knox St | Buchanan Bv | Non Regional | P2 | 0.20 |
| Hamilton Av | Rogan Dr | Cavalier Dr | Non Regional | P2 | 0.78 |
| Hamilton Av | Cavalier Dr | Rogan Dr | Non Regional | P2 | 0.78 |
| Hamilton Av | Isbister St | Stewart St | Non Regional | P2 | 0.18 |
| Hamilton Av | Valley View Pl | Hamilton Av at Sturgeon Creek | Non Regional | P2 | 0.26 |
| Hamilton Av | Vimy Rd | Wharton Bv | Non Regional | P2 | 0.17 |
| Hamilton Av | Parkdale St | Rogan Dr | Non Regional | P2 | 0.25 |
| Hamilton Av | Parkdale St | Parkhill St | Non Regional | P2 | 0.19 |
| Hamilton Av | Wharton Bv | Vimy Rd | Non Regional | P2 | 0.16 |
| Hamilton Av | Silver Av | Sonnichsen Pl | Non Regional | P2 | 0.46 |
| Hamilton Av | Knox St | Redfern Rd | Non Regional | P2 | 0.38 |
| Hamilton Av | Buchanan Bv | Stewart St | Non Regional | P2 | 0.19 |
| Hamilton Av | Hamilton Av | Knox St | Non Regional | P2 | 0.18 |
| Hamilton Av | Hamilton Av | Hamilton Av | Non Regional | P2 | 0.02 |
| Hamilton Av | Hamilton Av | Hamilton Av | Non Regional | P2 | 0.02 |
| Hamilton Av | Silver Av | Valley View Pl | Non Regional | P2 | 0.39 |

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|-------------------------------|-----------------|-----------------|--------------|-----|------|
| Hamilton Av | Redfern Rd | Chapman Rd | Non Regional | P2 | 0.55 |
| Hamilton Av | Isbister St | Stradford St | Non Regional | P3S | 0.18 |
| Hamilton Av | Saskatchewan Av | Dohaney Cr | Non Regional | P2 | 0.28 |
| Hamilton Av | Sonnichsen Pl | Silver Av | Non Regional | P2 | 0.46 |
| Hamilton Av | Dohaney Cr | Sonnichsen Pl | Non Regional | P2 | 0.31 |
| Hamilton Av | Parkhill St | Vimy Rd | Non Regional | P2 | 0.24 |
| Hamilton Av | Sonnichsen Pl | Apple Ln | Non Regional | P2 | 0.31 |
| Hamilton Av | Apple Ln | Saskatchewan Av | Non Regional | P2 | 0.28 |
| Hamilton Av | Cavalier Dr | Chapman Rd | Non Regional | P2 | 1.03 |
| Hamilton Av | Chapman Rd | Cavalier Dr | Non Regional | P2 | 1.03 |
| Hamilton Av | Valley View Pl | Silver Av | Non Regional | P2 | 0.39 |
| Hamilton Av at Sturgeon Creek | Hamilton Av | Hamilton Av | Non Regional | P2 | 0.08 |
| Hamilton Av at Sturgeon Creek | Hamilton Av | Hamilton Av | Non Regional | P2 | 0.08 |
| Harris Bv | Assiniboine Av | Emo Av | Non Regional | P2 | 0.72 |
| Harris Bv | Portage Av | Armour Cr | Non Regional | P2 | 0.05 |
| Harris Bv | Armour Cr | Armour Cr | Non Regional | P2 | 0.59 |
| Harris Bv | Armour Cr | Emo Av | Non Regional | P2 | 0.26 |
| Henday By | Westwood Dr | Westwood Dr | Non Regional | P2 | 0.02 |
| Heritage Bv | Carriage By | Pebblewood Ln | Non Regional | P2 | 0.03 |
| Heritage Bv | Carriage By | Carriage By | Non Regional | P2 | 0.26 |
| Heritage Bv | Pebblewood Ln | Ness Av | Non Regional | P2 | 0.15 |
| Heritage Bv | Fieldstone By | Fieldstone By | Non Regional | P2 | 0.16 |
| Heritage Bv | Harvest Ln | Carriage Rd | Non Regional | P2 | 0.16 |
| Heritage Bv | Harvest Ln | Fieldstone By | Non Regional | P2 | 0.36 |
| Heritage Bv | Valley View Dr | Valley View Dr | Non Regional | P2 | 0.16 |
| Isbister St | Capulet Cr | Hamilton Av | Non Regional | P2 | 0.54 |
| Isbister St | Bernadine Cr | Downs Av | Non Regional | P2 | 0.17 |
| Isbister St | Capulet Cr | Lumsden Av | Non Regional | P2 | 0.51 |
| Isbister St | Hamilton Av | Ness Av | Non Regional | P2 | 0.53 |
| Isbister St | Livinia Av | Dundurand Av | Non Regional | P2 | 0.46 |
| Isbister St | Lumsden Av | Risbey Cr | Non Regional | P2 | 0.45 |

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|-------------|-----------------|----------------|--------------|-----|------|
| Isbister St | Dundurand Av | Portage Av | Non Regional | P2 | 0.24 |
| Isbister St | Fairlane Av | Ness Av | Non Regional | P2 | 0.51 |
| Isbister St | Bernadine Cr | Fairlane Av | Non Regional | P2 | 0.06 |
| Isbister St | Downs Av | Livinia Av | Non Regional | P2 | 0.29 |
| Kay Cr | Galbraith Cr | North Lake Dr | Non Regional | P3S | 0.05 |
| Kay Cr | Galbraith Cr | North Lake Dr | Non Regional | P3S | 0.11 |
| Kay Cr | North Lake Dr | Lumsden Av | Non Regional | P3S | 0.15 |
| Kay Cr | North Lake Dr | South Lake Dr | Non Regional | P3S | 0.27 |
| Knox St | Hamilton Av | Hamilton Av | Non Regional | P2 | 0.02 |
| Livinia Av | Buchanan Bv | Buchanan Bv | Non Regional | P2 | 0.02 |
| Lodge Av | Olive St | Whytewold Rd | Non Regional | P2 | 0.25 |
| Lodge Av | Nightingale Rd | Thompson Dr | Non Regional | P2 | 0.22 |
| Lodge Av | Ronald St | Harcourt St | Non Regional | P2 | 0.29 |
| Lodge Av | Golden Gate By | Golden Gate By | Non Regional | P2 | 0.19 |
| Lodge Av | Olive St | Rita St | Non Regional | P2 | 0.19 |
| Lodge Av | Ainslie St | Moray St | Non Regional | P2 | 0.19 |
| Lodge Av | Strathmillan Rd | Vernon Rd | Non Regional | P2 | 0.21 |
| Lodge Av | Wallasey St | Thompson Dr | Non Regional | P2 | 0.25 |
| Lodge Av | Ainslie St | Golden Gate By | Non Regional | P2 | 0.18 |
| Lodge Av | Golden Gate By | Golden Gate By | Non Regional | P2 | 0.16 |
| Lodge Av | Booth Dr | Ronald St | Non Regional | P2 | 0.29 |
| Lodge Av | Bruce Av | Lodge Av | Non Regional | P2 | 0.10 |
| Lodge Av | Whytewold Rd | Vernon Rd | Non Regional | P2 | 0.28 |
| Lodge Av | Aldine St | Wallasey St | Non Regional | P2 | 0.16 |
| Lodge Av | Aldine St | Moray St | Non Regional | P2 | 0.19 |
| Lodge Av | Booth Dr | Ronald St | Non Regional | P2 | 0.06 |
| Lodge Av | Harcourt St | Nightingale Rd | Non Regional | P2 | 0.18 |
| Lumsden Av | Buchanan Bv | Risbey Cr | Non Regional | P2 | 0.20 |
| Lumsden Av | Lake Ridge Rd | Normandy Dr | Non Regional | P2 | 0.16 |
| Lumsden Av | Ashern Rd | Cavalier Dr | Non Regional | P2 | 0.19 |
| Lumsden Av | Kay Cr | Sabine Cr | Non Regional | P2 | 0.54 |

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|---------------|-----------------|-----------------|--------------|-----|------|
| Lumsden Av | Ashern Rd | Normandy Dr | Non Regional | P2 | 0.16 |
| Lumsden Av | Galbraith Cr | Risbey Cr | Non Regional | P2 | 0.18 |
| Lumsden Av | Kay Cr | Lake Ridge Rd | Non Regional | P2 | 0.32 |
| Lumsden Av | Buchanan Bv | Buchanan Bv | Non Regional | P2 | 0.02 |
| Magellan By | Westwood Dr | Westwood Dr | Non Regional | P2 | 0.02 |
| McBey Av | Banting Dr | Kirkfield St | Non Regional | P2 | 0.23 |
| McBey Av | Country Club Bv | Country Club Bv | Non Regional | P2 | 0.04 |
| McBey Av | Country Club Bv | Summerlands Bv | Non Regional | P2 | 0.04 |
| McBey Av | Daer Bv | Golf Bv | Non Regional | P2 | 0.19 |
| McBey Av | Golf Bv | Greenacre Bv | Non Regional | P2 | 0.20 |
| McBey Av | Shelley St | Westwood Dr | Non Regional | P2 | 0.26 |
| McBey Av | Summerlands Bv | Woodlands Cr | Non Regional | P2 | 0.19 |
| McBey Av | Greenacre Bv | Country Club Bv | Non Regional | P2 | 0.19 |
| McBey Av | Shelley St | Kirkfield St | Non Regional | P2 | 0.19 |
| McBey Av | Westwood Dr | Westwood Dr | Non Regional | P2 | 0.02 |
| McBey Av | Banting Dr | Daer Bv | Non Regional | P2 | 0.24 |
| Meadowlark Pl | Athlone Dr | Booth Dr | Non Regional | P3S | 0.20 |
| Meadowlark Pl | Athlone Dr | Flamingo Av | Non Regional | P3S | 0.38 |
| Meadowside Dr | Country Club Bv | Country Club Bv | Non Regional | P2 | 0.04 |
| Moray St | Moray St | Moray St | Non Regional | P2 | 0.02 |
| Moray St | Strauss Dr | Murray Park Rd | Non Regional | P2 | 1.22 |
| Moray St | Moray St | Ness Av | Non Regional | P2 | 0.06 |
| Moray St | Moray St | Moray St | Non Regional | P2 | 0.23 |
| Moray St | Moray St | Moray St | Non Regional | P2 | 0.34 |
| Moray St | Ness Av | Strauss Dr | Non Regional | P2 | 0.43 |
| Moray St | Moray St | Murray Park Rd | Non Regional | P2 | 0.13 |
| Moray St | Strauss Dr | Ness Av | Non Regional | P2 | 0.43 |
| Moray St | Moray St | Murray Park Rd | Non Regional | P2 | 0.17 |
| Moray St | Murray Park Rd | Moray St | Non Regional | P2 | 0.14 |
| Moray St | Saulteaux Cr | Moray St | Non Regional | P2 | 0.33 |
| Moray St | Saulteaux Cr | Saulteaux Cr | Non Regional | P2 | 0.44 |

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|----------------|-----------------|-----------------|--------------|-----|------|
| Moray St | Saskatchewan Av | Saulteaux Cr | Non Regional | P2 | 0.99 |
| Moray St | Murray Park Rd | Murray Park Rd | Non Regional | P2 | 0.03 |
| Moray St | Murray Park Rd | Murray Park Rd | Non Regional | P2 | 0.03 |
| Moray St | Saskatchewan Av | Saskatchewan Av | Non Regional | P2 | 0.02 |
| Moray St | Murray Park Rd | Strauss Dr | Non Regional | P2 | 1.41 |
| Morgan Cr | Carson By | Cavalier Dr | Non Regional | P3S | 0.26 |
| Morgan Cr | Cavalier Dr | Highcliff By | Non Regional | P3S | 0.59 |
| Morgan Cr | Highcliff By | Doran By | Non Regional | P3S | 0.52 |
| Morgan Cr | Carson By | Doran By | Non Regional | P3S | 0.46 |
| Muriel St | Portage Av | Ness Av | Non Regional | P3S | 1.36 |
| Murray Park Rd | Murray Park Rd | Sturgeon Rd | Non Regional | P2 | 0.13 |
| Murray Park Rd | Murray Park Rd | Murray Park Rd | Non Regional | P2 | 0.03 |
| Murray Park Rd | Murray Park Rd | Sturgeon Rd | Non Regional | P2 | 0.22 |
| Murray Park Rd | Cree Cr | Murray Park Rd | Non Regional | P2 | 0.66 |
| Murray Park Rd | Cree Cr | Cree Cr | Non Regional | P2 | 1.15 |
| Murray Park Rd | Moray St | Saulteaux Cr | Non Regional | P2 | 0.30 |
| Murray Park Rd | Saulteaux Cr | Cree Cr | Non Regional | P2 | 1.15 |
| Murray Park Rd | Murray Park Rd | Cree Cr | Non Regional | P2 | 0.30 |
| Murray Park Rd | Murray Park Rd | Saulteaux Cr | Non Regional | P2 | 0.09 |
| Murray Park Rd | Cree Cr | Moray St | Non Regional | P2 | 0.27 |
| Murray Park Rd | Murray Park Rd | Murray Park Rd | Non Regional | P2 | 0.02 |
| Ness Av | Ness Av | Sturgeon Rd | Non Regional | P2 | 0.10 |
| Ness Av | Kirby Dr | Heritage Bv | Non Regional | P2 | 0.42 |
| Ness Av | Sturgeon Rd | Setter St | Non Regional | P2 | 0.25 |
| Ness Av | Pebblewood Ln | Setter St | Non Regional | P2 | 0.25 |
| Ness Av | Vimy Rd | Wharton Bv | Non Regional | P2 | 0.19 |
| Ness Av | Cavalier Dr | Muriel St | Non Regional | P2 | 0.55 |
| Ness Av | Parkhill St | Vimy Rd | Non Regional | P2 | 0.24 |
| Ness Av | Setter St | Pebblewood Ln | Non Regional | P2 | 0.25 |
| Ness Av | Parkdale St | Parkhill St | Non Regional | P2 | 0.19 |
| Ness Av | Buchanan Bv | Buchanan Bv | Non Regional | P2 | 0.02 |

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|-----------------|----------------|-------------------|--------------|-----|------|
| Ness Av | Sage Cr | Muriel St | Non Regional | P2 | 0.15 |
| Ness Av | School Rd | Wharton Bv | Non Regional | P2 | 0.17 |
| Ness Av | School Rd | Kirby Dr | Non Regional | P2 | 0.43 |
| Ness Av | Parkdale St | Sage Cr | Non Regional | P2 | 0.19 |
| Ness Av | Heritage Bv | Pebblewood Ln | Non Regional | P2 | 0.16 |
| Ness Av | Setter St | Sturgeon Rd | Non Regional | P2 | 0.25 |
| Parkdale St | Hamilton Av | Hamilton Av | Non Regional | P2 | 0.02 |
| Parkhill St | Hamilton Av | Crestview Park Dr | Non Regional | P2 | 0.02 |
| Peltier Av | Buchanan Bv | Buchanan Bv | Non Regional | P2 | 0.02 |
| Prairie View Rd | Athlone Dr | Ness Av | Non Regional | P3S | 0.20 |
| Quail Ridge Rd | Apple Ln | Opal Pl | Non Regional | P2 | 0.32 |
| Quail Ridge Rd | Hollyburn Rd | Saskatchewan Av | Non Regional | P2 | 0.14 |
| Quail Ridge Rd | Apple Ln | Hollyburn Rd | Non Regional | P2 | 0.17 |
| Quail Ridge Rd | Apple Ln | Opal Pl | Non Regional | P2 | 1.21 |
| Redfern Rd | Hamilton Av | Hamilton Av | Non Regional | P2 | 0.02 |
| Risbey Cr | Buchanan Bv | Buchanan Bv | Non Regional | P2 | 0.02 |
| Risbey Cr | Isbister St | Stradford St | Non Regional | P3S | 0.18 |
| Risbey Cr | Buchanan Bv | Buchanan Bv | Non Regional | P2 | 0.02 |
| Rogan Dr | Hamilton Av | Hamilton Av | Non Regional | P2 | 0.02 |
| Ronald St | Portage Av | Lodge Av | Non Regional | P2 | 0.54 |
| Rouge Rd | Columbus Cr | Scalena Pl | Non Regional | P2 | 0.12 |
| Rouge Rd | Byrd Av | Portage Av | Non Regional | P2 | 0.44 |
| Rouge Rd | West Av | Columbus Cr | Non Regional | P2 | 0.30 |
| Rouge Rd | Assiniboine Av | Scalena Pl | Non Regional | P2 | 0.17 |
| Rouge Rd | Allard Av | Ericsson By | Non Regional | P2 | 0.17 |
| Rouge Rd | Davis Cr | Ericsson By | Non Regional | P2 | 0.16 |
| Rouge Rd | Scalena Pl | Columbus Cr | Non Regional | P2 | 0.17 |
| Rouge Rd | Browning Bv | Erlandson Dr | Non Regional | P2 | 0.49 |
| Rouge Rd | Galinee By | Galinee By | Non Regional | P2 | 0.16 |
| Rouge Rd | Allard Av | Galinee By | Non Regional | P2 | 0.16 |
| Rouge Rd | Galinee By | Peary Cr | Non Regional | P2 | 0.16 |

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|-----------------|-----------------|-----------------|--------------|----|------|
| Rouge Rd | Erlandson Dr | West Av | Non Regional | P2 | 0.26 |
| Rouge Rd | Byrd Av | Davis Cr | Non Regional | P2 | 0.16 |
| Rouge Rd | Jolliett Cr | Sansome Av | Non Regional | P2 | 0.19 |
| Rouge Rd | Peary Cr | Sansome Av | Non Regional | P2 | 0.19 |
| Rouge Rd | Browning Bv | Jolliett Cr | Non Regional | P2 | 0.52 |
| Sansome Av | Bedson St | Raquette St | Non Regional | P2 | 0.35 |
| Sansome Av | Jolliett Cr | Westwood Dr | Non Regional | P2 | 0.16 |
| Sansome Av | Raquette St | Whitegates Cr | Non Regional | P2 | 0.35 |
| Sansome Av | Peary Cr | Rouge Rd | Non Regional | P2 | 0.35 |
| Sansome Av | Jolliett Cr | Peary Cr | Non Regional | P2 | 0.34 |
| Sansome Av | Rouge Rd | Whitegates Cr | Non Regional | P2 | 0.49 |
| Sansome Av | Westwood Dr | Westwood Dr | Non Regional | P2 | 0.02 |
| Saskatchewan Av | Moray St | Wihuri Rd | Non Regional | P2 | 1.18 |
| Saskatchewan Av | Wihuri Rd | End | Non Regional | P2 | 0.45 |
| Saskatchewan Av | Moray St | Saskatchewan Av | Non Regional | P2 | 0.60 |
| Saskatchewan Av | Sturgeon Rd | Saskatchewan Av | Non Regional | P2 | 0.32 |
| Saskatchewan Av | Saskatchewan Av | Moray St | Non Regional | P2 | 0.24 |
| Saskatchewan Av | Moray St | West Hangar Rd | Non Regional | P2 | 0.02 |
| Saskatchewan Av | Sturgeon Rd | Moray St | Non Regional | P2 | 2.35 |
| Saulteaux Cr | Saulteaux Cr | Murray Park Rd | Non Regional | P2 | 0.09 |
| Saulteaux Cr | Moray St | Moray St | Non Regional | P2 | 1.35 |
| Saulteaux Cr | Murray Park Rd | Moray St | Non Regional | P2 | 1.16 |
| School Rd | Alguire Av | Amarynth Cr | Non Regional | P2 | 0.17 |
| School Rd | Wharton Bv | Portage Av | Non Regional | P2 | 0.19 |
| School Rd | Antoine Av | Amarynth Cr | Non Regional | P2 | 0.20 |
| School Rd | Portage Av | School Rd | Non Regional | P2 | 0.15 |
| School Rd | Alguire Av | Antoine Av | Non Regional | P2 | 0.16 |
| School Rd | Amarynth Cr | Wharton Bv | Non Regional | P2 | 0.42 |
| School Rd | Amarynth Cr | Ness Av | Non Regional | P2 | 0.37 |
| Setter St | Hallonquist Dr | Hallonquist Dr | Non Regional | P2 | 0.26 |
| Setter St | Ness Av | Ness Av | Non Regional | P2 | 0.01 |

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|----------------|----------------|----------------|--------------|-----|------|
| Setter St | Hallonquist Dr | Hallonquist Dr | Non Regional | P2 | 0.22 |
| Silver Av | Hamilton Av | Hamilton Av | Non Regional | P2 | 0.02 |
| Sonnichsen Pl | Hamilton Av | Hamilton Av | Non Regional | P2 | 0.02 |
| South Lake Dr | Kay Cr | Chapman Rd | Non Regional | P3S | 0.16 |
| St Charles St | Augier Av | End | Non Regional | P2 | 0.33 |
| St Charles St | Lepine Av | Sansome Av | Non Regional | P2 | 0.33 |
| St Charles St | Oxbow Bend Rd | Portage Av | Non Regional | P2 | 0.14 |
| St Charles St | St Charles St | St Charles St | Non Regional | P2 | 0.17 |
| St Charles St | Augier Av | Sansome Av | Non Regional | P2 | 0.34 |
| St Charles St | Allard Av | Lepine Av | Non Regional | P2 | 0.34 |
| St Charles St | Allard Av | Oxbow Bend Rd | Non Regional | P2 | 0.29 |
| Stradford St | Capulet Cr | Risbey Cr | Non Regional | P3S | 0.69 |
| Stradford St | Risbey Cr | Risbey Cr | Non Regional | P3S | 0.25 |
| Stradford St | Capulet Cr | Capulet Cr | Non Regional | P3S | 0.37 |
| Stradford St | Capulet Cr | Hamilton Av | Non Regional | P3S | 0.16 |
| Strauss Dr | Thompson Dr | Moray St | Non Regional | P2 | 1.39 |
| Strauss Dr | Moray St | Moray St | Non Regional | P2 | 0.03 |
| Sturgeon Rd | Ness Av | Ness Av | Non Regional | P2 | 0.02 |
| Thompson Dr | Ness Av | Strauss Dr | Non Regional | P2 | 0.77 |
| Thompson Dr | Bruce Av | Lodge Av | Non Regional | P3S | 0.65 |
| Thompson Dr | Thompson Dr | Ness Av | Non Regional | P2 | 0.06 |
| Thompson Dr | Thompson Dr | Thompson Dr | Non Regional | P2 | 0.03 |
| Thompson Dr | Strauss Dr | Ness Av | Non Regional | P2 | 0.54 |
| Thornton Av | Carriage Rd | Sturgeon Rd | Non Regional | P2 | 0.26 |
| Tonka Point | Sturgeon Rd | End | Non Regional | P3S | 1.23 |
| Valley View Dr | Heritage Bv | Valley View Pl | Non Regional | P3S | 0.70 |
| Valley View Pl | Hamilton Av | Hamilton Av | Non Regional | P2 | 0.02 |
| Valley View Pl | Carriage Rd | Hamilton Av | Non Regional | P3S | 0.09 |
| Valley View Pl | Carriage Rd | Valley View Dr | Non Regional | P3S | 0.12 |
| Vimy Rd | Hamilton Av | Hamilton Av | Non Regional | P2 | 0.02 |
| Voyageur Av | Bellavista Cr | Moccasin By | Non Regional | P2 | 0.18 |

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|-------------|-------------------|-------------------|--------------|----|------|
| Voyageur Av | Bissett Cr | Moccasin By | Non Regional | P2 | 0.27 |
| Voyageur Av | Deerhorn Ln | Radar Pl | Non Regional | P2 | 0.26 |
| Voyageur Av | Radar Pl | Sandylands Pl | Non Regional | P2 | 0.14 |
| Voyageur Av | Bellavista Cr | Sandylands Pl | Non Regional | P2 | 0.21 |
| Voyageur Av | Crestview Park Dr | Deerhorn Ln | Non Regional | P2 | 0.17 |
| Voyageur Av | Cavalier Dr | Bissett Cr | Non Regional | P2 | 0.18 |
| Westwood Dr | Westwood Dr | Westwood Dr | Non Regional | P2 | 0.03 |
| Westwood Dr | Assiniboine Av | Connor Pl | Non Regional | P2 | 0.17 |
| Westwood Dr | Sansome Av | Magellan By | Non Regional | P2 | 0.18 |
| Westwood Dr | McBey Av | Byrd Av | Non Regional | P2 | 0.24 |
| Westwood Dr | Portage Av | Byrd Av | Non Regional | P2 | 0.44 |
| Westwood Dr | Westwood Dr | Wordsworth Wy | Non Regional | P2 | 0.15 |
| Westwood Dr | Byrd Av | Portage Av | Non Regional | P2 | 0.44 |
| Westwood Dr | Wordsworth Wy | Carlyle Cr | Non Regional | P2 | 0.18 |
| Westwood Dr | Browning Bv | Sansome Av | Non Regional | P2 | 0.48 |
| Westwood Dr | Wordsworth Wy | Browning Bv | Non Regional | P2 | 0.17 |
| Westwood Dr | Amundsen By | McBey Av | Non Regional | P2 | 0.09 |
| Westwood Dr | Haliburton By | Robert Service By | Non Regional | P2 | 0.18 |
| Westwood Dr | Kilmer Av | Haliburton By | Non Regional | P2 | 0.18 |
| Westwood Dr | Henday By | Amundsen By | Non Regional | P2 | 0.33 |
| Westwood Dr | Leacock Av | Frost Av | Non Regional | P2 | 0.18 |
| Westwood Dr | Westwood Dr | Westwood Dr | Non Regional | P2 | 0.02 |
| Westwood Dr | Henday By | Henday By | Non Regional | P2 | 0.16 |
| Westwood Dr | McBey Av | Amundsen By | Non Regional | P2 | 0.09 |
| Westwood Dr | Magellan By | Magellan By | Non Regional | P2 | 0.16 |
| Westwood Dr | Magellan By | Henday By | Non Regional | P2 | 0.33 |
| Westwood Dr | Thackeray Av | Carlyle By | Non Regional | P2 | 0.20 |
| Westwood Dr | Byrd Av | Amundsen By | Non Regional | P2 | 0.16 |
| Westwood Dr | Amundsen By | McBey Av | Non Regional | P2 | 0.07 |
| Westwood Dr | Magellan By | Sansome Av | Non Regional | P2 | 0.18 |
| Westwood Dr | Henday By | Magellan By | Non Regional | P2 | 0.16 |

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|---------------|---------------|------------------|--------------|----|---------------|
| Westwood Dr | Amundsen By | Henday By | Non Regional | P2 | 0.16 |
| Westwood Dr | Westwood Dr | Westwood Dr | Non Regional | P2 | 0.02 |
| Westwood Dr | Frost Av | Haliburton By | Non Regional | P2 | 0.18 |
| Westwood Dr | Browning Bv | Wordsworth Wy | Non Regional | P2 | 0.17 |
| Westwood Dr | Sandburg By | Thackeray Av | Non Regional | P2 | 0.18 |
| Westwood Dr | Browning Bv | Sansome Av | Non Regional | P2 | 0.47 |
| Wharton Bv | Hamilton Av | Hamilton Av | Non Regional | P2 | 0.02 |
| Whytewold Rd | Cornwall Av | Jameswood Dr | Non Regional | P2 | 0.16 |
| Whytewold Rd | Beaverbend Cr | Lodge Av | Non Regional | P2 | 0.16 |
| Whytewold Rd | Beaverbend Cr | Dallas Rd | Non Regional | P2 | 0.17 |
| Whytewold Rd | Lodge Av | Portage Av | Non Regional | P2 | 0.96 |
| Whytewold Rd | Carnarvan Rd | Baffin Cr | Non Regional | P2 | 0.16 |
| Whytewold Rd | Ness Av | Baffin Cr | Non Regional | P2 | 0.17 |
| Whytewold Rd | Cornwall Av | Bourkewood Pl | Non Regional | P2 | 0.41 |
| Whytewold Rd | Silver Av | Jameswood Dr | Non Regional | P2 | 0.11 |
| Whytewold Rd | Carnarvan Rd | Baffin Cr | Non Regional | P2 | 0.15 |
| Whytewold Rd | Bruce Av | Beaverbend Cr | Non Regional | P2 | 0.16 |
| Whytewold Rd | Bourkewood Pl | Ness Av | Non Regional | P2 | 0.15 |
| Whytewold Rd | Bruce Av | Baffin Cr | Non Regional | P2 | 0.16 |
| Whytewold Rd | Beaverbend Cr | Dallas Rd | Non Regional | P2 | 0.16 |
| Wihuri Rd | Whytewold St | Saskatchewan Av | Non Regional | P2 | 1.77 |
| Wihuri Rd | Silver Av | Wihuri Rd | Non Regional | P2 | 1.34 |
| Woodhaven Bv | Woodhaven Cr | Woodhaven Cr | Non Regional | P2 | 0.10 |
| Woodhaven Bv | Woodhaven Cr | Woodhaven Cr | Non Regional | P2 | 0.15 |
| Woodhaven Bv | Woodhaven Bv | Woodhaven Bv | Non Regional | P2 | 0.19 |
| Woodhaven Bv | Portage Av | Woodhaven Bridge | Non Regional | P2 | 0.14 |
| Woodhaven Bv | Woodhaven Cr | Woodhaven Bv | Non Regional | P2 | 0.36 |
| Woodhaven Bv | Wooddale Dr | Assiniboine Av | Non Regional | P2 | 0.49 |
| Woodhaven Bv | Woodhaven Bv | Wooddale Dr | Non Regional | P2 | 0.39 |
| Wordsworth Wy | Westwood Dr | Westwood Dr | Non Regional | P2 | 0.02 |
| Total | | | | | 130.18 |

APPENDIX C – NORTH AREA (WEST) PRIORITY III STREETS

| STREET NAME | FROM STREET | TO STREET | SNOW ROUTE | PRIORITY | LANE KM |
|-------------|-----------------|---------------|------------|----------|---------|
| Acheson Dr | Dohaney Cr | Goodridge Cr | N/A | P3 | 0.17 |
| Acheson Dr | Dohaney Cr | Dohaney Cr | N/A | P3 | 0.59 |
| Acheson Dr | Arthur Creak Dr | Dohaney Cr | N/A | P3 | 0.17 |
| Acheson Dr | Goodridge Cr | Sonnichsen Pl | N/A | P3 | 0.12 |
| Acheson Dr | Arthur Creak Dr | Sonnichsen Pl | N/A | P3 | 0.18 |
| Acheson Dr | Arthur Creak Dr | End | N/A | P3 | 0.15 |
| Addison Av | Addison Cr | Bedson St | N/A | P3 | 0.18 |
| Addison Cr | Addison Av | Raquette St | N/A | P3 | 0.51 |
| Addison Cr | Addison Av | Raquette St | N/A | P3 | 0.65 |
| Ainslie St | Lodge Av | Portage Av | N/A | P3 | 1.08 |
| Ainslie St | Bruce Av | Ness Av | N/A | P3 | 0.63 |
| Ainslie St | Bruce Av | Lodge Av | N/A | P3 | 0.64 |
| Alcott St | Amarynth Cr | Alcott St | N/A | P3 | 0.42 |
| Aldine St | Bruce Av | Wallasey St | N/A | P3 | 0.69 |
| Aldine St | Bruce Av | Lodge Av | N/A | P3 | 0.65 |
| Aldine St | Lodge Av | Portage Av | N/A | P3 | 0.95 |
| Aldrich Av | Shelley St | Wordsworth Wy | N/A | P3 | 0.33 |
| Alguire Av | Amarynth Cr | School Rd | N/A | P3 | 0.46 |
| Allard Av | St Charles St | Stewart St | N/A | P3 | 0.28 |
| Allard Av | Bedson St | Twain Dr | N/A | P3 | 0.42 |
| Allard Av | St Charles St | Gagnon St | N/A | P3 | 0.19 |
| Allard Av | Stewart St | Buchanan Bv | N/A | P3 | 0.17 |
| Amarynth Cr | School Rd | Antoine Av | N/A | P3 | 0.69 |
| Amarynth Cr | School Rd | Alcott St | N/A | P3 | 0.16 |
| Amarynth Cr | Alguire Av | Antoine Av | N/A | P3 | 0.20 |
| Amarynth Cr | Alguire Av | Alcott St | N/A | P3 | 0.35 |
| Amundsen By | Westwood Dr | Westwood Dr | N/A | P3 | 0.82 |

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|-----------------|----------------|------------------|-----|----|------|
| Antoine Av | Amarynth Cr | School Rd | N/A | P3 | 0.50 |
| Armour Cr | Harris Bv | Harris Bv | N/A | P3 | 0.93 |
| Arthur Creak Dr | Acheson Dr | Acheson Dr | N/A | P3 | 0.65 |
| Arthur Creak Dr | Acheson Dr | Goodridge Cr | N/A | P3 | 0.20 |
| Ashern Rd | Deloraine Dr | Cavalier Dr | N/A | P3 | 0.56 |
| Ashern Rd | Deloraine Dr | Lumsden Av | N/A | P3 | 0.18 |
| Assiniboine Av | Glendale Bv | End | N/A | P3 | 0.74 |
| Assiniboine Av | Glendale Bv | Woodhaven Bv | N/A | P3 | 0.25 |
| Assiniboine Av | Westboine Pl | Westwood Dr | N/A | P3 | 0.14 |
| Assiniboine Av | Oakdean Bv | Sunnyside Bv | N/A | P3 | 0.24 |
| Assiniboine Av | Harris Bv | Oakdean Bv | N/A | P3 | 0.22 |
| Assiniboine Av | Westboine Pl | End | N/A | P3 | 0.07 |
| Assiniboine Av | Sunnyside Bv | Woodhaven Bv | N/A | P3 | 0.28 |
| Assiniboine Cr | Olive St | Pinewood Dr | N/A | P3 | 0.16 |
| Assiniboine Cr | Pinewood Dr | Pinewood Dr | N/A | P3 | 0.88 |
| Assiniboine Cr | Portage Av | Olive St | N/A | P3 | 0.72 |
| Assiniboine Cr | Windham Rd | Thompson Dr | N/A | P3 | 0.22 |
| Assiniboine Cr | WINDHAM Rd | Lake St | N/A | P3 | 0.21 |
| Assiniboine Cr | Thompson Dr | Woodbridge Rd | N/A | P3 | 0.21 |
| Assiniboine Gr | Assiniboine Gr | Assiniboine Gr | N/A | P3 | 0.09 |
| Assiniboine Gr | Bedson St | End | N/A | P3 | 0.53 |
| Athlone Dr | Bruce Av | Ronald St | N/A | P3 | 0.67 |
| Athlone Dr | Flamingo Av | Meadowlark Pl | N/A | P3 | 0.54 |
| Athlone Dr | Red Robin Pl | Red Robin Pl | N/A | P3 | 0.71 |
| Athlone Dr | Flamingo Av | Flamingo Av | N/A | P3 | 0.60 |
| Athlone Dr | Bruce Av | Red Robin Pl | N/A | P3 | 0.39 |
| Athlone Dr | Red Robin Pl | Prairie View Rd | N/A | P3 | 0.20 |
| Augier Av | Oxbow Bend Rd | Perimeter 100 Hw | N/A | P3 | 0.10 |
| Augier Av | St Charles St | End | N/A | P3 | 0.11 |
| Baffin Cr | Carnarvan Rd | Whytewold Rd | N/A | P3 | 0.48 |
| Baffin Cr | Carnarvan Rd | Whytewold Rd | N/A | P3 | 0.42 |

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|---------------|----------------|-----------------|-----|----|------|
| Bancroft By | Cavalier Dr | Cavalier Dr | N/A | P3 | 0.89 |
| Barron Dr | Assiniboine Av | Maureen St | N/A | P3 | 0.80 |
| Barron Dr | Maureen St | Whitegates Cr | N/A | P3 | 0.30 |
| Beaverbend Cr | Dallas Rd | Whytewold Rd | N/A | P3 | 0.47 |
| Beaverbend Cr | Dallas Rd | Whytewold Rd | N/A | P3 | 0.47 |
| Belcourt By | Whitegates Cr | Whitegates Cr | N/A | P3 | 0.76 |
| Bellavista Cr | Rogan Dr | Rogan Dr | N/A | P3 | 0.63 |
| Bellavista Cr | Rogan Dr | Voyageur Av | N/A | P3 | 0.35 |
| Bering Av | Erlandson Dr | Cook Rd | N/A | P3 | 0.53 |
| Bernadine Cr | Stradford St | Isbister St | N/A | P3 | 0.18 |
| Bernadine Cr | Downs Av | Olson Wy | N/A | P3 | 0.27 |
| Bernadine Cr | Olson Wy | St Charles St | N/A | P3 | 0.44 |
| Bernadine Cr | Downs Av | St Charles St | N/A | P3 | 0.59 |
| Bernadine Cr | Stradford St | Downs Av | N/A | P3 | 0.37 |
| Best St | Allard Av | Portage Av | N/A | P3 | 0.93 |
| Bissett Cr | Cavalier Dr | Voyageur Av | N/A | P3 | 0.52 |
| Blue Oaks Cv | Oak Forest Cr | Oak Forest Cr | N/A | P3 | 0.22 |
| Bourkewood Pl | Leicester Sq | Strathmillan Rd | N/A | P3 | 0.59 |
| Bourkewood Pl | Paisley Pl | Strathmillan Rd | N/A | P3 | 0.33 |
| Bourkewood Pl | Paisley Pl | Whytewold Rd | N/A | P3 | 0.16 |
| Bourkewood Pl | Jameswood Dr | Silver Av | N/A | P3 | 0.09 |
| Bourkewood Pl | Jameswood Dr | Leicester Sq | N/A | P3 | 0.16 |
| Braid Pl | Pine Valley Dr | End | N/A | P3 | 0.09 |
| Braintree Cr | Ladywood Dr | Olive St | N/A | P3 | 0.25 |
| Braintree Cr | Braintree Rd | Listowel By | N/A | P3 | 0.33 |
| Braintree Cr | Ladywood Dr | Silverwood By | N/A | P3 | 0.16 |
| Braintree Cr | Braintree Rd | Silverwood By | N/A | P3 | 0.13 |
| Braintree Cr | Listowel By | Ladywood Dr | N/A | P3 | 0.32 |
| Braintree Cr | Olive St | Cornwall Bv | N/A | P3 | 0.17 |
| Braintree Cr | Listowel By | Listowel By | N/A | P3 | 0.56 |
| Braintree Rd | Braintree Cr | Ness Av | N/A | P3 | 0.15 |

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|--------------|-------------------|-------------------|-----|----|------|
| Brendalee By | Gagnon St | Gagnon St | N/A | P3 | 0.20 |
| Buchanan Bv | Buchanan Bv | Portage Av | N/A | P3 | 0.17 |
| Buchanan Bv | Portage Av | Allard Av | N/A | P3 | 0.56 |
| Buffie By | Goswell Rd | Goswell Rd | N/A | P3 | 0.96 |
| Bur Oaks Cv | Oak Forest Cr | Oak Forest Cr | N/A | P3 | 0.28 |
| Byrd Av | Davis Cr | Westwood Dr | N/A | P3 | 0.50 |
| Byrd Av | Davis Cr | Rouge Rd | N/A | P3 | 0.34 |
| Byron By | Kirkfield St | Kirkfield St | N/A | P3 | 0.64 |
| Calpine Pl | Carriage Rd | Carriage Rd | N/A | P3 | 0.15 |
| Canoe By | Sumach St | Sumach St | N/A | P3 | 0.77 |
| Capulet Cr | Isbister St | Stradford St | N/A | P3 | 0.18 |
| Capulet Cr | Stradford St | Stradford St | N/A | P3 | 0.74 |
| Carberry Cr | Crestview Park Dr | Crestview Park Dr | N/A | P3 | 0.87 |
| Carlyle By | Westwood Dr | Westwood Dr | N/A | P3 | 0.67 |
| Carlyle Cr | Westwood Dr | Westwood Dr | N/A | P3 | 0.19 |
| Carnarvan Rd | Baffin Cr | Whytewold Rd | N/A | P3 | 0.30 |
| Caron Av | Setter St | Sturgeon Rd | N/A | P3 | 0.25 |
| Carriage By | Heritage Bv | Heritage Bv | N/A | P3 | 0.55 |
| Carriage Rd | Calpine Pl | Granada Cr | N/A | P3 | 0.16 |
| Carriage Rd | Pebblewood Ln | Heritage Bv | N/A | P3 | 0.29 |
| Carriage Rd | Thornton Av | Pebblewood Ln | N/A | P3 | 0.36 |
| Carriage Rd | Granada Cr | Uplands Cr | N/A | P3 | 0.16 |
| Carriage Rd | Granada Cr | Granada Cr | N/A | P3 | 0.16 |
| Carriage Rd | Calpine Pl | Valley View Pl | N/A | P3 | 0.35 |
| Carriage Rd | Uplands Cr | Thornton Av | N/A | P3 | 0.69 |
| Carriage Rd | Uplands Cr | Uplands Cr | N/A | P3 | 0.43 |
| Carroll Rd | Columbus Cr | Frost Av | N/A | P3 | 0.08 |
| Carroll Rd | Leacock Av | Frost Av | N/A | P3 | 0.16 |
| Carroll Rd | Leacock Av | Thackeray Av | N/A | P3 | 0.16 |
| Carroll Rd | Columbus Cr | Kilmer Av | N/A | P3 | 0.42 |
| Carroll Rd | Assiniboine Av | Kilmer Av | N/A | P3 | 0.21 |

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|-------------------|-----------------|---------------|-----|----|------|
| Carroll Rd | Thackeray Av | Wordsworth Wy | N/A | P3 | 0.28 |
| Carson By | Morgan Cr | Morgan Cr | N/A | P3 | 0.99 |
| Chapman Rd | Costello Dr | Hamilton Av | N/A | P3 | 0.12 |
| Coleridge Park Dr | Galsworthy Pl | Masefield Pl | N/A | P3 | 0.18 |
| Coleridge Park Dr | Bedson St | Galsworthy Pl | N/A | P3 | 0.58 |
| Coleridge Park Dr | Masefield Pl | Bedson St | N/A | P3 | 0.51 |
| Columbus Cr | Erlandson Dr | Franklin By | N/A | P3 | 0.19 |
| Columbus Cr | Cook Rd | Rouge Rd | N/A | P3 | 0.17 |
| Columbus Cr | Carroll Rd | Erlandson Dr | N/A | P3 | 0.17 |
| Columbus Cr | Cook Rd | Franklin By | N/A | P3 | 0.56 |
| Compton Pl | Pinehurst Cr | Pinehurst Cr | N/A | P3 | 0.16 |
| Connor Pl | Westwood Dr | Westwood Dr | N/A | P3 | 0.21 |
| Cook Rd | Bering Av | Erlandson Dr | N/A | P3 | 0.16 |
| Cook Rd | Bering Av | Columbus Cr | N/A | P3 | 0.40 |
| Cora Av | Whitegates Cr | Maureen St | N/A | P3 | 0.31 |
| Corbett Dr | Costello Dr | Costello Dr | N/A | P3 | 0.85 |
| Corbett Dr | Goswell Rd | Costello Dr | N/A | P3 | 0.50 |
| Cornwall Av | Cornwall Bv | Whytewold Rd | N/A | P3 | 0.16 |
| Cornwall Bv | Braintree Cr | Ladywood Dr | N/A | P3 | 0.56 |
| Cornwall Bv | Braintree Cr | Cornwall Av | N/A | P3 | 0.40 |
| Cortez By | Erlandson Dr | Erlandson Dr | N/A | P3 | 0.73 |
| Costello Dr | Goswell Rd | Gowler Rd | N/A | P3 | 0.24 |
| Costello Dr | Chapman Rd | Corbett Dr | N/A | P3 | 0.06 |
| Costello Dr | Corbett Dr | Goswell Rd | N/A | P3 | 0.16 |
| Costello Dr | Chapman Rd | Gowler Rd | N/A | P3 | 0.76 |
| Cub Rd | Saskatchewan Av | Hollyburn Rd | N/A | P3 | 0.14 |
| Cub Rd | Apple Ln | Hollyburn Rd | N/A | P3 | 0.17 |
| Daer Bv | Portage Av | McBey Av | N/A | P3 | 0.55 |
| Dallas Rd | Whytewold Rd | Beaverbend Cr | N/A | P3 | 0.33 |
| Danbury By | Cavalier Dr | Cavalier Dr | N/A | P3 | 1.29 |
| David St | Fairlane Av | Livinia Av | N/A | P3 | 0.50 |

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|------------------|-----------------|-----------------|-----|----|------|
| David St | Livinia Av | Portage Av | N/A | P3 | 0.36 |
| Davis Cr | Byrd Av | Rouge Rd | N/A | P3 | 0.49 |
| Deerhorn Ln | Sandylands Pl | Voyageur Av | N/A | P3 | 0.44 |
| Deloraine Dr | Ashern Rd | Cavalier Dr | N/A | P3 | 0.98 |
| Dennis By | Gagnon St | Gagnon St | N/A | P3 | 0.20 |
| Dickens Dr | Bedson St | Bedson St | N/A | P3 | 1.31 |
| Dohaney Cr | Hamilton Av | Acheson Dr | N/A | P3 | 0.18 |
| Dohaney Cr | Acheson Dr | Acheson Dr | N/A | P3 | 0.52 |
| Doran By | Morgan Cr | Morgan Cr | N/A | P3 | 1.31 |
| Downs Av | Bernadine Cr | Bernadine Cr | N/A | P3 | 0.20 |
| Downs Av | Bernadine Cr | Isbister St | N/A | P3 | 0.19 |
| Drummond Pl | Shelley St | Shelley St | N/A | P3 | 0.14 |
| Dundurand Av | Isbister St | St Charles St | N/A | P3 | 0.23 |
| Dundurand Av | Optimist Wy | Magnan St | N/A | P3 | 0.09 |
| Dundurand Av | Magnan St | St Charles St | N/A | P3 | 0.19 |
| Emerald Grove Dr | Prairie View Rd | Woodgreen Pl | N/A | P3 | 1.01 |
| Emerald Grove Dr | Sturgeon Rd | Prairie View Rd | N/A | P3 | 0.15 |
| Emo Av | Harris Bv | Oakdean Bv | N/A | P3 | 0.21 |
| Emo Av | Oakdean Bv | Sunnyside Bv | N/A | P3 | 0.23 |
| Ericsson By | Rouge Rd | Rouge Rd | N/A | P3 | 0.83 |
| Erlandson Dr | Bering Av | Cortez By | N/A | P3 | 0.26 |
| Erlandson Dr | Cook Rd | Rouge Rd | N/A | P3 | 0.17 |
| Erlandson Dr | Columbus Cr | Bering Av | N/A | P3 | 0.16 |
| Erlandson Dr | Cortez By | Cortez By | N/A | P3 | 0.43 |
| Fieldstone By | Heritage Bv | Heritage Bv | N/A | P3 | 0.88 |
| Flamingo Av | Athlone Dr | Sturgeon Rd | N/A | P3 | 0.20 |
| Flamingo Av | Athlone Dr | Meadowlark Pl | N/A | P3 | 0.17 |
| Four Oaks Cv | Oak Forest Cr | Oak Forest Cr | N/A | P3 | 0.55 |
| Franklin By | Columbus Cr | Columbus Cr | N/A | P3 | 0.63 |
| Freemont By | Fairlane Av | Fairlane Av | N/A | P3 | 1.12 |
| Frost Av | Carroll Rd | Westwood Dr | N/A | P3 | 0.44 |

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|----------------|-------------------|-------------------|-----|----|------|
| Gagnon St | Lepine Av | Suzanne By | N/A | P3 | 0.18 |
| Gagnon St | Augier Av | Jeannette By | N/A | P3 | 0.19 |
| Gagnon St | Allard Av | Oxbow Bend Rd | N/A | P3 | 0.23 |
| Gagnon St | Sansome Av | Suzanne By | N/A | P3 | 0.16 |
| Gagnon St | Brendalee By | Dennis By | N/A | P3 | 0.18 |
| Gagnon St | Sansome Av | Jeannette By | N/A | P3 | 0.15 |
| Gagnon St | Dennis By | Allard Av | N/A | P3 | 0.15 |
| Galbraith Cr | Kay Cr | Lumsden Av | N/A | P3 | 0.84 |
| Galinee By | Rouge Rd | Rouge Rd | N/A | P3 | 0.83 |
| Galsworthy Pl | Coleridge Park Dr | Coleridge Park Dr | N/A | P3 | 0.28 |
| Gerrond By | Cavalier Dr | Cavalier Dr | N/A | P3 | 0.63 |
| Gibraltar By | Normandy Dr | Normandy Dr | N/A | P3 | 0.60 |
| Glendale Bv | Assiniboine Av | Wooddale Dr | N/A | P3 | 0.46 |
| Golden Gate By | Lodge Av | Lodge Av | N/A | P3 | 0.62 |
| Golf Bv | McBey Av | Meadowside Dr | N/A | P3 | 0.54 |
| Golf Bv | McBey Av | Portage Av | N/A | P3 | 0.52 |
| Goodridge Cr | Arthur Creak Dr | Acheson Dr | N/A | P3 | 0.39 |
| Goswell Rd | Buffie By | Fairlane Av | N/A | P3 | 0.17 |
| Goswell Rd | Buffie By | Costello Dr | N/A | P3 | 0.17 |
| Goswell Rd | Buffie By | Corbett Dr | N/A | P3 | 0.18 |
| Gowler Rd | Costello Dr | Mackie By | N/A | P3 | 0.17 |
| Gowler Rd | Mackie By | Mackie By | N/A | P3 | 0.18 |
| Gowler Rd | Corbett Dr | Mackie By | N/A | P3 | 0.17 |
| Granada Cr | Granada Cr | Granada Cr | N/A | P3 | 0.13 |
| Granada Cr | Carriage Rd | Carriage Rd | N/A | P3 | 0.50 |
| Grand Oaks Cv | Oak Forest Cr | Oak Forest Cr | N/A | P3 | 0.29 |
| Greenacre Bv | McBey Av | Meadowside Dr | N/A | P3 | 0.56 |
| Greenacre Bv | Portage Av | McBey Av | N/A | P3 | 0.49 |
| Greenway Cr E | Portage Av | End | N/A | P3 | 0.40 |
| Greenway Cr W | Portage Av | End | N/A | P3 | 0.62 |
| Grey Oaks Cv | Oak Forest Cr | Oak Forest Cr | N/A | P3 | 0.28 |

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| Hagen Dr | Country Club Bv | Pinehurst Cr | N/A | P3 | 0.73 |
| Haliburton By | Westwood Dr | Westwood Dr | N/A | P3 | 0.41 |
| Hamilton Av | Stradford St | Stradford St | N/A | P3 | 0.57 |
| Hamilton Meadows Dr | Apple Ln | Opal Pl | N/A | P3 | 0.30 |
| Hamilton Meadows Dr | Opal Pl | Opal Pl | N/A | P3 | 0.35 |
| Harcourt St | Bruce Av | Lodge Av | N/A | P3 | 0.65 |
| Harcourt St | Bruce Av | Ness Av | N/A | P3 | 0.70 |
| Harcourt St | Lodge Av | Portage Av | N/A | P3 | 0.66 |
| Harvest Ln | Heritage Bv | Valley View Dr | N/A | P3 | 0.73 |
| Harvlong Av | Lake Ridge Rd | Nemy Cr | N/A | P3 | 0.16 |
| Harvlong Av | Topaz Rd | Nemy Cr | N/A | P3 | 0.15 |
| Haultain Cr | Raquette St | Raquette St | N/A | P3 | 0.65 |
| Hedges By | Hollingsworth Av | Cavalier Dr | N/A | P3 | 0.50 |
| Henday By | Westwood Dr | Westwood Dr | N/A | P3 | 0.82 |
| Heritage Bv | Heritage Bv | Heritage Bv | N/A | P3 | 0.14 |
| Hidden Oaks Cv | Oak Forest Cr | End | N/A | P3 | 0.25 |
| Highcliff By | Morgan Cr | Morgan Cr | N/A | P3 | 1.25 |
| Hillary By | Hillary Cr | Hillary Cr | N/A | P3 | 0.53 |
| Hillary Cr | Hillary By | Hillary By | N/A | P3 | 0.38 |
| Hillary Cr | Cavalier Dr | Hillary By | N/A | P3 | 0.22 |
| Hillary Cr | Muriel St | Muriel St | N/A | P3 | 0.61 |
| Hillary Cr | Hillary By | Muriel St | N/A | P3 | 0.18 |
| Hollingsworth Av | Cavalier Dr | Hedges By | N/A | P3 | 0.27 |
| Hollingsworth Av | Hedges By | Normandy Dr | N/A | P3 | 0.17 |
| Hollingsworth Av | Normandy Dr | Normandy Dr | N/A | P3 | 0.16 |
| Hollyburn Rd | Cub Rd | Quail Ridge Rd | N/A | P3 | 0.38 |
| Holt Dr | Bedson St | Raquette St | N/A | P3 | 0.72 |
| Inch By | Crestview Park Dr | Crestview Park Dr | N/A | P3 | 0.76 |
| Inwood Cr | Crestview Park Dr | Crestview Park Dr | N/A | P3 | 0.68 |
| Isbister St | Risbey Cr | End | N/A | P3 | 0.09 |
| Jameswood Dr | Paisley Pl | Whytewold Rd | N/A | P3 | 0.16 |

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|---------------|-------------------|-------------------|-----|----|------|
| Jameswood Dr | Bourkewood Pl | Paisley Pl | N/A | P3 | 0.51 |
| Jeannette By | Gagnon St | Gagnon St | N/A | P3 | 0.21 |
| Jolliett Cr | Sansome Av | Wordsworth Wy | N/A | P3 | 0.68 |
| Jolliett Cr | Rouge Rd | Wordsworth Wy | N/A | P3 | 0.17 |
| Kay Cr | Redfern Rd | South Lake Dr | N/A | P3 | 0.59 |
| Kay Cr | Redfern Rd | Redfern Rd | N/A | P3 | 0.29 |
| Keats Wy | Bedson St | Bedson St | N/A | P3 | 0.65 |
| Kilmer Av | Carroll Rd | Longfellow By | N/A | P3 | 0.35 |
| Kilmer Av | Carroll Rd | Westwood Dr | N/A | P3 | 0.44 |
| Kirby Dr | Pebblewood Ln | Setter St | N/A | P3 | 0.25 |
| Kirby Dr | Lonsdale Dr | Ness Av | N/A | P3 | 0.52 |
| Kirby Dr | Lonsdale Dr | Pebblewood Ln | N/A | P3 | 0.18 |
| Kirkfield St | Byron By | McBey Av | N/A | P3 | 0.45 |
| Kirkfield St | Byron By | Wordsworth Wy | N/A | P3 | 0.15 |
| Kirkfield St | Byron By | Byron By | N/A | P3 | 0.19 |
| Kirkfield St | McBey Av | Portage Av | N/A | P3 | 0.59 |
| Knox St | Livinia Av | Fairlane Av | N/A | P3 | 0.53 |
| Knox St | Livinia Av | Portage Av | N/A | P3 | 0.56 |
| Knox St | Ness Av | Hamilton Av | N/A | P3 | 0.55 |
| Ladywood Dr | Silver Av | Cornwall Bv | N/A | P3 | 0.09 |
| Ladywood Dr | Braintree Cr | Silverwood By | N/A | P3 | 0.42 |
| Ladywood Dr | Braintree Cr | Silverwood By | N/A | P3 | 0.16 |
| Lake Ridge Rd | Lumsden Av | Harvlong Av | N/A | P3 | 0.16 |
| Lake Ridge Rd | Harvlong Av | Lumsden Av | N/A | P3 | 1.72 |
| Lake St | Portage Av | Assiniboine Cr | N/A | P3 | 0.56 |
| Leacock Av | Carroll Rd | Westwood Dr | N/A | P3 | 0.45 |
| Leicester Sq | Leicester Sq | Leicester Sq | N/A | P3 | 0.45 |
| Leicester Sq | Leicester Sq | Leicester Sq | N/A | P3 | 0.45 |
| Leicester Sq | Paisley Pl | Leicester Sq | N/A | P3 | 0.16 |
| Leicester Sq | Leicester Sq | Bourkewood Pl | N/A | P3 | 0.16 |
| Leisure By | Crestview Park Dr | Crestview Park Dr | N/A | P3 | 0.70 |

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| Lepine Av | St Charles St | End | N/A | P3 | 0.10 |
| Lepine Av | Gagnon St | St Charles St | N/A | P3 | 0.19 |
| Listowel By | Braintree Cr | Braintree Cr | N/A | P3 | 0.56 |
| Livinia Av | Parkdale St | Parkhill St | N/A | P3 | 0.19 |
| Livinia Av | Parkdale St | End | N/A | P3 | 0.09 |
| Livinia Av | Buchanan Bv | Knox St | N/A | P3 | 0.20 |
| Livinia Av | David St | End | N/A | P3 | 0.10 |
| Livinia Av | Stewart St | Buchanan Bv | N/A | P3 | 0.19 |
| Livinia Av | Isbister St | Stewart St | N/A | P3 | 0.17 |
| Longfellow By | Assiniboine Av | Kilmer Av | N/A | P3 | 0.24 |
| Longfellow By | Assiniboine Av | Kilmer Av | N/A | P3 | 0.42 |
| Lonsdale Dr | Setter St | Stillwell St | N/A | P3 | 0.15 |
| Lonsdale Dr | Sayer Av | Stillwell St | N/A | P3 | 0.65 |
| Lonsdale Dr | Kirby Dr | Sayer Av | N/A | P3 | 0.16 |
| Lumsden Av | Buchanan Bv | Russenholt St | N/A | P3 | 0.19 |
| Lumsden Av | Russenholt St | Isbister St | N/A | P3 | 0.17 |
| Mackie By | Gowler Rd | Gowler Rd | N/A | P3 | 0.63 |
| Magellan By | Westwood Dr | Westwood Dr | N/A | P3 | 0.82 |
| Magnan St | Dundurand Av | End | N/A | P3 | 0.11 |
| Magnan St | Dundurand Av | End | N/A | P3 | 0.23 |
| Makinak By | Crestview Park Dr | Crestview Park Dr | N/A | P3 | 0.60 |
| Manitou By | Sumach St | Sumach St | N/A | P3 | 0.77 |
| Masefield Pl | Coleridge Park Dr | Coleridge Park Dr | N/A | P3 | 0.26 |
| Maureen St | Whitegates Cr | Assiniboine Av | N/A | P3 | 0.19 |
| Maureen St | Cora Av | Whitegates Cr | N/A | P3 | 0.16 |
| Maureen St | West Av | Barron Dr | N/A | P3 | 0.17 |
| Maureen St | Cora Av | West Av | N/A | P3 | 0.17 |
| McCarthy St | Oxbow Bend Rd | Portage EB to PTH 100 SB | N/A | P3 | 0.23 |
| Meadowside Dr | Golf Bv | Park Meadows Dr | N/A | P3 | 0.08 |
| Meadowside Dr | Park Meadows Dr | Greenacre Bv | N/A | P3 | 0.12 |
| Meadowside Dr | Country Club Bv | Greenacre Bv | N/A | P3 | 0.19 |

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| Moccasin By | Cavalier Dr | Voyageur Av | N/A | P3 | 0.53 |
| Mossy Oaks Cv | Oak Forest Cr | Oak Forest Cr | N/A | P3 | 0.38 |
| Muriel St | Hillary Cr | Hillary Cr | N/A | P3 | 0.27 |
| Muriel St | Sage Cr | Hillary Cr | N/A | P3 | 0.16 |
| Muriel St | Ness Av | Sage Cr | N/A | P3 | 0.45 |
| Nemy Cr | Harvlong Av | Topaz Rd | N/A | P3 | 0.61 |
| Nemy Cr | Topaz Rd | Topaz Rd | N/A | P3 | 0.57 |
| Ness Av | Buchanan Bv | Stewart St | N/A | P3 | 0.19 |
| Ness Av | Isbister St | Stradford St | N/A | P3 | 0.18 |
| Ness Av | Stewart St | Isbister St | N/A | P3 | 0.18 |
| Ness Av | Knox St | Buchanan Bv | N/A | P3 | 0.17 |
| Nightingale Rd | Lodge Av | Thompson Dr | N/A | P3 | 0.72 |
| Nightingale Rd | Bruce Av | Lodge Av | N/A | P3 | 0.65 |
| Nightingale Rd | Bruce Av | Thompson Dr | N/A | P3 | 0.66 |
| Normandy Dr | Gibraltar By | Lumsden Av | N/A | P3 | 0.18 |
| Normandy Dr | Hollingsworth Av | Hollingsworth Av | N/A | P3 | 0.57 |
| Normandy Dr | Gibraltar By | Gibraltar By | N/A | P3 | 0.16 |
| Normandy Dr | Gibraltar By | Hollingsworth Av | N/A | P3 | 0.16 |
| North Lake Dr | Kay Cr | Kay Cr | N/A | P3 | 0.79 |
| Oak Forest Cr | Camp Manitou Rd | Hidden Oaks Cv | N/A | P3 | 0.34 |
| Oak Forest Cr | Grey Oaks Cv | Bur Oaks Cv | N/A | P3 | 0.25 |
| Oak Forest Cr | Blue Oaks Cv | Grey Oaks Cv | N/A | P3 | 0.27 |
| Oak Forest Cr | Blue Oaks Cv | Oxbow Bend Rd | N/A | P3 | 0.42 |
| Oak Forest Cr | Four Oaks Cv | Grand Oaks Cv | N/A | P3 | 0.55 |
| Oak Forest Cr | Four Oaks Cv | Mossy Oaks Cv | N/A | P3 | 0.36 |
| Oak Forest Cr | Hidden Oaks Cv | Mossy Oaks Cv | N/A | P3 | 0.20 |
| Oak Forest Cr | Blue Oaks Cv | Oxbow Bend Rd | N/A | P3 | 0.38 |
| Oak Forest Cr | Bur Oaks Cv | Grand Oaks Cv | N/A | P3 | 0.23 |
| Oakdean Bv | Oakdean Cr | Portage Av | N/A | P3 | 0.21 |
| Oakdean Bv | Emo Av | Assiniboine Av | N/A | P3 | 0.74 |
| Oakdean Bv | Emo Av | Oakdean Cr | N/A | P3 | 0.40 |

| | | | | | |
|-----------------|---------------------|----------------|-----|----|------|
| Oakdean Bv | Oakdean Cr | Oakdean Cr | N/A | P3 | 0.22 |
| Oakdean Cr | Oakdean Bv | Oakdean Bv | N/A | P3 | 0.45 |
| Old Mill Rd | Portage Av | Woodbridge Rd | N/A | P3 | 0.79 |
| Olive St | Assiniboine Cr | Portage Av | N/A | P3 | 0.33 |
| Olive St | Portage Av | Lodge Av | N/A | P3 | 1.01 |
| Olive St | Braintree Cr | Ness Av | N/A | P3 | 0.16 |
| Olive St | Bruce Av | Lodge Av | N/A | P3 | 0.64 |
| Olive St | Bruce Av | Ness Av | N/A | P3 | 0.64 |
| Olson Wy | Optimist Wy | Bernadine Cr | N/A | P3 | 0.23 |
| Opal Pl | Hamilton Meadows Dr | Quail Ridge Rd | N/A | P3 | 0.17 |
| Optimist Wy | Olson Wy | Dundurand Av | N/A | P3 | 0.50 |
| Optimist Wy | Olson Wy | Olson Wy | N/A | P3 | 0.24 |
| Oxbow Bend Rd | Gagnon St | St Charles St | N/A | P3 | 0.20 |
| Oxbow Bend Rd | McCarthy St | Augier Av | N/A | P3 | 1.19 |
| Oxbox Bend Rd | Augier Av | Gagnon St | N/A | P3 | 1.45 |
| Oxbox Bend Rd | Augier Av | Augier Av | N/A | P3 | 2.66 |
| Oxbox Bend Rd | PTH 100 | Augier Av | N/A | P3 | 0.02 |
| Paisley Pl | Jameswood Dr | Leicester Sq | N/A | P3 | 0.42 |
| Paisley Pl | Bourkewood Pl | Leicester Sq | N/A | P3 | 0.16 |
| Park Meadows Dr | Country Club Bv | Golf Bv | N/A | P3 | 0.31 |
| Parkdale St | Hamilton Av | Ness Av | N/A | P3 | 1.05 |
| Parkdale St | Livinia Av | Ness Av | N/A | P3 | 1.03 |
| Parkdale St | Livinia Av | Portage Av | N/A | P3 | 0.34 |
| Parkhill St | Livinia Av | Ness Av | N/A | P3 | 1.03 |
| Parkhill St | Livinia Av | Portage Av | N/A | P3 | 0.37 |
| Parkhill St | Hamilton Av | Ness Av | N/A | P3 | 1.05 |
| Peary Cr | Rouge Rd | Sansome Av | N/A | P3 | 0.52 |
| Pebblewood Ln | Ness Av | Kirby Dr | N/A | P3 | 0.17 |
| Pebblewood Ln | Heritage Bv | Carriage Rd | N/A | P3 | 0.45 |
| Peltier Av | Buchanan Bv | Risbey Cr | N/A | P3 | 0.20 |
| Pine Valley Dr | Braid Pl | Vardon Pl | N/A | P3 | 0.38 |

| | | | | | |
|-----------------|------------------|-----------------|-----|----|------|
| Pine Valley Dr | Vardon Pl | Country Club Bv | N/A | P3 | 0.28 |
| Pine Valley Dr | Country Club Bv | Braid Pl | N/A | P3 | 0.28 |
| Pinehurst Cr | Country Club Bv | Hagen Dr | N/A | P3 | 0.31 |
| Pinehurst Cr | Compton Pl | Browning Bv | N/A | P3 | 0.20 |
| Pinehurst Cr | Compton Pl | Country Club Bv | N/A | P3 | 0.40 |
| Pinehurst Cr | Browning Bv | Hagen Dr | N/A | P3 | 0.66 |
| Pinewood Dr | Pinewood Dr | Assiniboine Cr | N/A | P3 | 0.81 |
| Pinewood Dr | Assiniboine Cr | Moray St | N/A | P3 | 0.10 |
| Pontiac By | Allard Av | Allard Av | N/A | P3 | 0.55 |
| Poole Cr | Shelley St | Shelley St | N/A | P3 | 0.14 |
| Prairie Oaks Cv | Oak Forest Cr | End | N/A | P3 | 0.44 |
| Prairie View Rd | Emerald Grove Dr | Ness Av | N/A | P3 | 1.07 |
| Quail Ridge Rd | Quail Ridge Rd | Quail Ridge Rd | N/A | P3 | 0.18 |
| Radar Pl | Rogan Dr | Voyageur Av | N/A | P3 | 0.19 |
| Raquette St | Addison Cr | Haultain Cr | N/A | P3 | 0.33 |
| Raquette St | Haultain Cr | Browning Bv | N/A | P3 | 0.19 |
| Raquette St | Browning Bv | Trigwell By | N/A | P3 | 0.18 |
| Raquette St | Holt Dr | Trigwell By | N/A | P3 | 0.55 |
| Raquette St | Addison Cr | Trigwell By | N/A | P3 | 0.04 |
| Raquette St | Addison Cr | Sansome Av | N/A | P3 | 0.18 |
| Raquette St | Allard Av | Portage Av | N/A | P3 | 0.96 |
| Raquette St | Assiniboine Av | Holt Dr | N/A | P3 | 0.24 |
| Raquette St | Addison Cr | Trigwell By | N/A | P3 | 0.13 |
| Red Robin Pl | Athlone Dr | Athlone Dr | N/A | P3 | 0.46 |
| Redfern Rd | Hamilton Av | Kay Cr | N/A | P3 | 0.25 |
| Reynolds By | Browning Bv | Whitegates Cr | N/A | P3 | 0.40 |
| Ridley Pl | Ridley St | Ridley St | N/A | P3 | 0.54 |
| Ridley Pl | Ridley St | Ridley St | N/A | P3 | 0.54 |
| Ridley St | Ridley Pl | Ridley Pl | N/A | P3 | 0.24 |
| Ridley St | Ridley Pl | Fairlane Av | N/A | P3 | 0.16 |
| Risbey Cr | Buchanan Bv | Lumsden Av | N/A | P3 | 0.73 |

| | | | | | |
|-------------------|---------------|----------------|-----|----|------|
| Risbey Cr | Buchanan Bv | Russenholt St | N/A | P3 | 0.19 |
| Risbey Cr | Isbister St | Russenholt St | N/A | P3 | 0.18 |
| Risbey Cr | Buchanan Bv | Peltier Av | N/A | P3 | 0.51 |
| Risbey Cr | Stradford St | Stradford St | N/A | P3 | 0.55 |
| Risbey Cr | Lumsden Av | Peltier Av | N/A | P3 | 0.55 |
| Rita St | Ness Av | Bruce Av | N/A | P3 | 0.64 |
| Rita St | Portage Av | Lodge Av | N/A | P3 | 1.05 |
| Rita St | Bruce Av | Lodge Av | N/A | P3 | 0.64 |
| Robert Service By | Westwood Dr | Westwood Dr | N/A | P3 | 0.69 |
| Rogan Dr | Radar Pl | Bellavista Cr | N/A | P3 | 0.37 |
| Rogan Dr | Hamilton Av | Bellavista Cr | N/A | P3 | 0.12 |
| Rogan Dr | Bellavista Cr | Radar Pl | N/A | P3 | 0.48 |
| Ronald St | Athlone Dr | Lodge Av | N/A | P3 | 0.11 |
| Ronald St | Bruce Av | Athlone Dr | N/A | P3 | 0.57 |
| Russenholt St | Lumsden Av | Risbey Cr | N/A | P3 | 0.48 |
| Sabine Cr | Lumsden Av | Topaz Rd | N/A | P3 | 0.46 |
| Sage Cr | Ness Av | Muriel St | N/A | P3 | 0.63 |
| Sandburg By | Westwood Dr | Westwood Dr | N/A | P3 | 0.42 |
| Sandylands Pl | Deerhorn Ln | Voyageur Av | N/A | P3 | 0.17 |
| Sandylands Pl | Deerhorn Ln | Sandylands Pl | N/A | P3 | 0.20 |
| Sansome Av | St Charles St | End | N/A | P3 | 0.10 |
| Sansome Av | Gagnon St | St Charles St | N/A | P3 | 0.19 |
| Sansome Av | Bedson St | End | N/A | P3 | 0.50 |
| Sayer Av | Setter St | Stillwell St | N/A | P3 | 0.16 |
| Sayer Av | Lonsdale Dr | Stillwell St | N/A | P3 | 0.25 |
| Scalena Pl | Rouge Rd | Assiniboine Av | N/A | P3 | 0.39 |
| School Rd | Ness Av | Ness Av | N/A | P3 | 0.39 |
| Seaton St | Allard Av | Portage Av | N/A | P3 | 0.98 |
| Setter St | Kirby Dr | Ness Av | N/A | P3 | 0.17 |
| Setter St | Kirby Dr | Sayer Av | N/A | P3 | 0.16 |
| Setter St | Caron Av | Lonsdale Dr | N/A | P3 | 0.14 |

| | | | | | |
|-----------------|---------------|---------------|-----|----|------|
| Setter St | Caron Av | Sayer Av | N/A | P3 | 0.38 |
| Setter St | Setter St | End | N/A | P3 | 0.08 |
| Shakespeare By | Bedson St | Bedson St | N/A | P3 | 0.66 |
| Shelley St | McBey Av | Wordsworth Wy | N/A | P3 | 0.79 |
| Shelley St | Browning Bv | Drummond Pl | N/A | P3 | 0.25 |
| Shelley St | Poole Cr | Wordsworth Wy | N/A | P3 | 0.08 |
| Shelley St | Portage Av | McBey Av | N/A | P3 | 0.63 |
| Shelley St | Aldrich Av | Drummond Pl | N/A | P3 | 0.11 |
| Shelley St | Aldrich Av | Poole Cr | N/A | P3 | 0.08 |
| Silver Av | Whytewold Rd | End | N/A | P3 | 0.26 |
| Silver Av | Whytewold Rd | End | N/A | P3 | 0.03 |
| Silverwood By | Ladywood Dr | Braintree Cr | N/A | P3 | 0.56 |
| Sinawik By | Bruce Av | Bruce Av | N/A | P3 | 0.74 |
| Sonnichsen Pl | Hamilton Av | Acheson Dr | N/A | P3 | 0.18 |
| South Lake Dr | Chapman Rd | Chapman Rd | N/A | P3 | 0.50 |
| St Charles St | Dundurand Av | Portage Av | N/A | P3 | 0.30 |
| St Charles St | Dundurand Av | Bernadine Cr | N/A | P3 | 0.19 |
| Stewart St | Fairlane Av | Livinia Av | N/A | P3 | 0.53 |
| Stewart St | Fairlane Av | Ness Av | N/A | P3 | 0.51 |
| Stewart St | Allard Av | Portage Av | N/A | P3 | 0.49 |
| Stewart St | Livinia Av | Portage Av | N/A | P3 | 0.66 |
| Stewart St | Hamilton Av | Ness Av | N/A | P3 | 0.53 |
| Stillwell St | Lonsdale Dr | Sayer Av | N/A | P3 | 0.52 |
| Stradford St | Bernadine Cr | Ness Av | N/A | P3 | 0.57 |
| Stradford St | Hamilton Av | Hamilton Av | N/A | P3 | 0.17 |
| Stradford St | Hamilton Av | Ness Av | N/A | P3 | 0.37 |
| Strathmillan Rd | Lodge Av | Portage Av | N/A | P3 | 0.86 |
| Strathmillan Rd | Bruce Av | Ness Av | N/A | P3 | 0.64 |
| Strathmillan Rd | Bruce Av | Lodge Av | N/A | P3 | 0.64 |
| Strathmillan Rd | Bourkewood Pl | Ness Av | N/A | P3 | 0.15 |
| Sturgeon Rd | Sturgeon Rd | Sturgeon Rd | N/A | P3 | 0.22 |

| | | | | | |
|----------------|----------------|----------------|-----|----|------|
| Sturgeon Rd | Sturgeon Rd | Sturgeon Rd | N/A | P3 | 0.51 |
| Sumach St | Manitou By | Manitou By | N/A | P3 | 0.16 |
| Sumach St | Canoe By | Canoe By | N/A | P3 | 0.16 |
| Sumach St | Canoe By | Portage Av | N/A | P3 | 0.27 |
| Sumach St | Manitou By | Canoe By | N/A | P3 | 0.24 |
| Sumach St | Allard Av | Manitou By | N/A | P3 | 0.16 |
| Summerlands Bv | Mcbey Av | Woodlands Cr | N/A | P3 | 0.61 |
| Sunnyside Bv | Assiniboine Av | Emo Av | N/A | P3 | 0.74 |
| Suzanne By | Gagnon St | Gagnon St | N/A | P3 | 0.20 |
| Thackeray Av | Carroll Rd | Westwood Dr | N/A | P3 | 0.38 |
| Thompson Dr | Nightingale Rd | Portage Av | N/A | P3 | 0.28 |
| Thompson Dr | Bruce Av | Nightingale Rd | N/A | P3 | 0.45 |
| Thompson Dr | Lodge Av | Nightingale Rd | N/A | P3 | 0.53 |
| Thompson Dr | Ness Av | Nightingale Rd | N/A | P3 | 0.03 |
| Thompson Dr | Ness Av | Nightingale Rd | N/A | P3 | 0.19 |
| Thompson Dr | Thompson Dr | Assiniboine Cr | N/A | P3 | 0.04 |
| Thompson Dr | Portage Av | Assiniboine Cr | N/A | P3 | 0.59 |
| Topaz Rd | Nemy Cr | Sabine Cr | N/A | P3 | 0.16 |
| Topaz Rd | Nemy Cr | Nemy Cr | N/A | P3 | 0.19 |
| Topaz Rd | Harvlong Av | Sabine Cr | N/A | P3 | 0.09 |
| Trigwell By | Raquette St | Raquette St | N/A | P3 | 0.50 |
| Twain Dr | Allard Av | Bedson St | N/A | P3 | 0.91 |
| Twain Dr | Allard Av | Bedson St | N/A | P3 | 0.75 |
| Uplands Cr | Carriage Rd | Carriage Rd | N/A | P3 | 0.79 |
| Valley View Dr | Heritage Bv | Heritage Bv | N/A | P3 | 0.61 |
| Valley View Dr | Harvest Ln | Ness Av | N/A | P3 | 0.92 |
| Valley View Dr | Harvest Ln | Valley View Pl | N/A | P3 | 0.47 |
| Vardon Pl | Pine Valley Dr | End | N/A | P3 | 0.09 |
| Vernon Rd | Lodge Av | Portage Av | N/A | P3 | 0.90 |
| Vimy Rd | Ness Av | Portage Av | N/A | P3 | 1.45 |
| Vimy Rd | Hamilton Av | Ness Av | N/A | P3 | 1.04 |

| | | | | | |
|---------------|------------------|------------------|-----|----|------|
| Wallasey St | Aldine St | Bruce Av | N/A | P3 | 0.54 |
| Wallasey St | Lodge Av | Portage Av | N/A | P3 | 0.89 |
| Wallasey St | Aldine St | Ness Av | N/A | P3 | 0.09 |
| Wallasey St | Bruce Av | Lodge Av | N/A | P3 | 0.65 |
| West Av | Rouge Rd | Whitegates Cr | N/A | P3 | 0.18 |
| West Av | Maureen St | Whitegates Cr | N/A | P3 | 0.31 |
| Westboine Pl | Assiniboine Av | End | N/A | P3 | 0.08 |
| Wharton Bv | Ness Av | School Rd | N/A | P3 | 1.46 |
| Wharton Bv | Hamilton Av | Ness Av | N/A | P3 | 1.08 |
| Whitegates Cr | Belcourt By | Belcourt By | N/A | P3 | 0.17 |
| Whitegates Cr | Barron Dr | Browning Bv | N/A | P3 | 0.82 |
| Whitegates Cr | Browning Bv | Reynolds By | N/A | P3 | 0.18 |
| Whitegates Cr | Cora Av | West Av | N/A | P3 | 0.17 |
| Whitegates Cr | Barron Dr | West Av | N/A | P3 | 0.22 |
| Whitegates Cr | Belcourt By | Sansome Av | N/A | P3 | 0.18 |
| Whitegates Cr | Cora Av | Maureen St | N/A | P3 | 0.46 |
| Whitegates Cr | Belcourt By | Reynolds By | N/A | P3 | 0.17 |
| Windham Rd | Assiniboine Cr | Portage Av | N/A | P3 | 0.66 |
| Woodbridge Rd | Assiniboine Cr | Old Mill Rd | N/A | P3 | 0.13 |
| Woodbridge Rd | Old Mill Rd | Portage Av | N/A | P3 | 0.44 |
| Woodbridge Rd | Assiniboine Cr | End | N/A | P3 | 0.07 |
| Wooddale Dr | Woodhaven Bv | Glendale Bv | N/A | P3 | 0.21 |
| Woodgreen Pl | Emerald Grove Dr | Sturgeon Rd | N/A | P3 | 0.15 |
| Woodgreen Pl | Emerald Grove Dr | Emerald Grove Dr | N/A | P3 | 0.78 |
| Woodhaven Bv | Sunnyside Bv | Woodhaven Bv | N/A | P3 | 0.14 |
| Woodhaven Cr | Woodhaven Bv | End | N/A | P3 | 0.17 |
| Woodhaven Cr | Woodhaven Cr | Woodhaven Bv | N/A | P3 | 0.05 |
| Woodlands Cr | Portage Av | Woodlands Cr | N/A | P3 | 0.83 |
| Woodlands Cr | Woodlands Cr | Woodlands Cr | N/A | P3 | 0.18 |
| Woodlands Cr | End | Woodlands Cr | N/A | P3 | 0.05 |
| Woodlands Cr | Woodlands Cr | Summerlands Bv | N/A | P3 | 0.03 |

| | | | | | |
|---------------|---------------|----------------|-----|----|---------------|
| Woodlands Cr | McBey Av | Portage Av | N/A | P3 | 0.41 |
| Woodlands Cr | Woodlands Cr | End | N/A | P3 | 0.05 |
| Woodlands Cr | McBey Av | Summerlands Bv | N/A | P3 | 0.43 |
| Wordsworth Pl | Wordsworth Wy | Wordsworth Wy | N/A | P3 | 0.21 |
| Wordsworth Wy | Browning Bv | Carroll Rd | N/A | P3 | 0.84 |
| Wordsworth Wy | Browning Bv | Wordsworth Pl | N/A | P3 | 0.18 |
| Wordsworth Wy | Kirkfield St | Shelley St | N/A | P3 | 0.19 |
| Wordsworth Wy | Wordsworth PL | Aldrich Av | N/A | P3 | 0.17 |
| Wordsworth Wy | Carroll Rd | Westwood Dr | N/A | P3 | 0.21 |
| Wordsworth Wy | Aldrich Av | Kirkfield St | N/A | P3 | 0.30 |
| Wordsworth Wy | Browning Bv | Jolliett Cr | N/A | P3 | 0.50 |
| Wordsworth Wy | Browning Bv | Westwood Dr | N/A | P3 | 0.56 |
| Total | | | | | 219.32 |

APPENDIX D – HISTORICAL 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 |
| 2014-2015 | 82.0 |
| 2015-2016 | 124.0 |
| 2016-2017 | 81.2 |
| 2017-2018 | 48.8 |