



THE CITY OF WINNIPEG

BID OPPORTUNITY

BID OPPORTUNITY NO. 143-2010

**MECHANICAL DUST FREE CLEANING ON A PORTION OF THE ROADWAY
SYSTEM IN THE NORTH AREA, EAST AREA AND SOUTH AREA**

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PART B - BIDDING PROCEDURES

B1. CONTRACT TITLE

B1.1 MECHANICAL DUST FREE CLEANING ON A PORTION OF ROADWAY SYSTEM IN THE NORTH AREA, EAST AREA, AND SOUTH AREA

B2. SUBMISSION DEADLINE

- B2.1 The Submission Deadline is 4:00 p.m. Winnipeg time, March 17, 2010.
- 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. ADDENDA

- B4.1 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.
- B4.2 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.
- B4.2.1 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>
- B4.2.2 The Bidder is responsible for ensuring that he 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.
- B4.3 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.

B5. SUBSTITUTES

- B5.1 The Work is based on the Plant, Materials and methods specified in the Bid Opportunity.
- B5.2 Substitutions shall not be allowed unless application has been made to and prior approval has been granted by the Contract Administrator in writing.
- B5.3 Requests for approval of a substitute will not be considered unless received in writing by the Contract Administrator at least five (5) Business Days prior to the Submission Deadline.
- B5.4 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.
- B5.5 The Contract Administrator, after assessing the request for approval of a substitute, may in his 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.
- B5.6 The Contract Administrator will provide a response in writing, at least two (2) Business Days prior to the Submission Deadline, only to the Bidder who requested approval of the substitute.
- B5.6.1 The Bidder requesting and obtaining the approval of a substitute shall be entirely responsible for disseminating information regarding the approval to any person or persons he wishes to inform.
- B5.7 If the Contract Administrator approves a substitute as an “approved equal”, any Bidder may use the approved equal in place of the specified item.
- B5.8 If the Contract Administrator approves a substitute as an “approved alternative”, any Bidder bidding that approved alternative may base his 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 B13.
- B5.9 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.
- B5.10 Notwithstanding B5.2 to B5.9, and in accordance with B6.5, deviations inconsistent with the Bid Opportunity document shall be evaluated in accordance with B13.1(a).

B6. BID SUBMISSION

- B6.1 The Bid shall consist of the following components:

- (a) Form A: Bid;
 - (b) Form B: Prices;
- B6.2 Further to B6.1, the Bidder should include the written correspondence from the Contract Administrator approving a substitute in accordance with B5.
- B6.3 All components of the Bid shall be fully completed or provided, and submitted by the Bidder no later than the Submission Deadline, with all required entries made clearly and completely in ink, to constitute a responsive Bid.
- B6.4 Bidders are advised not to include any information/literature except as requested in accordance with B6.1.
- B6.5 Bidders are advised that inclusion of terms and conditions inconsistent with the Bid Opportunity document, including the General Conditions, will be evaluated in accordance with B13.1(a)
- B6.6 The Bid may be submitted by mail, courier or personal delivery, or by facsimile transmission.
- B6.7 If the Bid is submitted by mail, courier or personal delivery, it shall be enclosed and sealed in an envelope clearly marked with the Bid Opportunity number and the Bidder's name and address, and shall be submitted to:
- The City of Winnipeg
Corporate Finance Department
Materials Management Division
185 King Street, Main Floor
Winnipeg, MB, R3B 1J1
- B6.7.1 Samples or other components of the Bid which cannot reasonably be enclosed in the envelope may be packaged separately, but shall be clearly marked with the Bid Opportunity number, the Bidder's name and address, and an indication that the contents are part of the Bidder's Bid Submission.
- B6.8 If the Bid is submitted by facsimile transmission, it shall be submitted to (204) 949-1178.
- B6.8.1 The Bidder is advised that the City cannot take responsibility for the availability of the facsimile machine at any time.
- B6.9 Bids submitted by internet electronic mail (e-mail) will not be accepted.
- B7. BID**
- B7.1 The Bidder shall complete Form A: Bid, making all required entries.
- B7.2 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 own name, his 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 own, the business name and the name of every partner or corporation who is the owner of such business name shall be inserted.
- B7.2.1 If a Bid is submitted jointly by two or more persons, each and all such persons shall identify themselves in accordance with B7.2.
- B7.3 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.
- B7.4 Paragraph 10 of Form A: Bid shall be signed in accordance with the following requirements:

- (a) if the Bidder is a sole proprietor carrying on business in his 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 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.

B7.4.1 The name and official capacity of all individuals signing Form A: Bid should be printed below such signatures.

B7.4.2 All signatures shall be original.

B7.5 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.

B8. PRICES

B8.1 The Bidder shall state a price in Canadian funds for each item of the Work identified on Form B: Prices.

B8.1.1 Notwithstanding C11.1.1, prices on Form B: Prices shall not include the Goods and Services Tax (GST), which shall be extra where applicable.

B8.2 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.

B8.3 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.

B8.4 Prices from Non-Resident Bidders are subject to a Non-Resident Withholding Tax pursuant to the Income Tax Act (Canada).

B9. QUALIFICATION

B9.1 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.

B9.2 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>

B9.3 The Bidder and/or any proposed Subcontractor (for the portion of the Work proposed to be subcontracted to them) shall:

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

B9.4 Further to B9.3(c), the Bidder shall, within five (5) Business Days of a request by the Contract Administrator, provide proof satisfactory to the Contract Administrator that the Bidder/Subcontractor has a workplace safety and health program meeting the requirements of The Workplace Safety and Health Act (Manitoba), by providing:

- (a) a valid COR certification number under the Certificate of Recognition (COR) Program administered by the Manitoba Construction Safety Association or by the Manitoba Heavy Construction Association's Safety, Health and Environment 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>)

B9.5 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.

B9.6 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.

B10. OPENING OF BIDS AND RELEASE OF INFORMATION

B10.1 Bid Submissions will not be opened publicly.

B10.2 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>

B10.3 After award of Contract, the name(s) of the successful Bidder(s) and the Contract Amount(s) will be available on the Closed Bid Opportunities (or Public/Posted Opening & Award Results) page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <http://www.winnipeg.ca/matmgt>

B10.4 The Bidder is advised that any information contained in any Bid may be released if required by City policy or procedures, The Freedom of Information and Protection of Privacy Act (Manitoba), or by other authorities having jurisdiction.

B11. IRREVOCABLE BID

B11.1 The Bid(s) submitted by the Bidder shall be irrevocable for the time period specified in Paragraph 9 of Form A: Bid.

B11.2 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.

B12. WITHDRAWAL OF BIDS

B12.1 A Bidder may withdraw his Bid without penalty by giving written notice to the Manager of Materials at any time prior to the Submission Deadline.

- B12.1.1 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.
- B12.1.2 The City will assume that any one of the contact persons named in Paragraph 3 of Form A: Bid or the Bidder's authorized representatives named in Paragraph 10 of Form A: Bid, and only such person, has authority to give notice of withdrawal.
- B12.1.3 If a Bidder gives notice of withdrawal prior to the Submission Deadline, the Manager of Materials will:
- (a) retain the Bid until after the Submission Deadline has elapsed;
 - (b) open the Bid to identify the contact person named in Paragraph 3 of Form A: Bid and the Bidder's authorized representatives named in Paragraph 10 of Form A: Bid; and
 - (c) if the notice has been given by any one of the persons specified in B12.1.3(b), declare the Bid withdrawn.
- B12.2 A Bidder who withdraws his Bid after the Submission Deadline but before his Bid has been released or has lapsed as provided for in B11.2 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.

B13. EVALUATION OF BIDS

- B13.1 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 B9 (pass/fail);
 - (c) Total Bid Price;
 - (d) economic analysis of any approved alternative pursuant to B5;
 - (e) costs to the City of administering multiple contracts.
- B13.2 Further to B13.1(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.
- B13.3 Further to B13.1(b), the Award Authority shall reject any Bid submitted by a Bidder who does not demonstrate, in his Bid or in other information required to be submitted, that he is responsible and qualified.
- B13.4 Further to B13.1(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.
- B13.4.1 If there is any discrepancy between the Total Bid Price written in figures, the Total Bid Price written in words and the sum of the quantities multiplied by the unit prices for each item, the sum of the quantities multiplied by the unit prices for each item shall take precedence.
- B13.4.2 Further to B13.1(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.
- B13.5 This Contract may be awarded as a whole (Alternative 1) or separately in sections (Alternative 2) as identified on Form B: Prices.
- B13.5.1 Notwithstanding B8.1, the Bidder may, but is not required to, bid on both alternatives, or on any one or more sections in Alternative 2.

B13.5.2 Notwithstanding B14.3, the City shall not be obligated to award any section to the responsible Bidder submitting the lowest evaluated responsive Bid for that section and shall have the right to choose the alternative which is in its best interests. If the Bidder has not bid on both alternatives or on all sections in Alternative 2, he shall have no claim against the City if his partial Bid is rejected in favour of an award of the Contract on the basis of an alternative or section upon which he has not bid.

B14. AWARD OF CONTRACT

B14.1 The City will give notice of the award of the Contract or will give notice that no award will be made.

B14.2 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.

B14.2.1 Without limiting the generality of B14.2, 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.

B14.3 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 B13 .

B14.3.1 Following the award of contract, a Bidder will be provided with information related to the evaluation of his Bid upon written request to the Contract Administrator.

B14.4 Notwithstanding C4.1, the City will issue a Purchase Order to the successful Bidder in lieu of the execution of a Contract.

B14.5 The Contract Documents, as defined in C1.1(n), 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.
- C0.2 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
- C0.3 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 Mechanical Dust Free Cleaning on Portions of the Roadway System in the North Area, East Area, and South Area as listed in APPENDIX A in accordance with the Specifications.

D2.2 The major components of the Work are as follows:

- (a) Mechanical Street Sweeping
- (b) Disposal of Collected Debris

D3. DEFINITIONS

D3.1 When used in this Bid Opportunity:

- (a) "**Adverse Weather Conditions**" means any weather condition, i.e. cold temperatures, rain, snow, strong winds, which may cause or result in street conditions requiring cleaning over and above normal accumulation of debris prior to acceptance of the Work by the City;
- (b) "**Block**" means the length of roadway from centre line of an intersecting roadway to the centre line of the next closest intersecting roadway;
- (c) "**Boulevard**" means the area between the street right-of-way and the nearest edge of a roadway and/or the area separating the roadways or a divided highway;
- (d) "**Debris**" means for the purposes of this Contract, shall include all dirt, garbage and rubbish;
- (e) "**Dirt**" means natural soil, earth, sand and stone;
- (f) "**Garbage**" means animal and vegetable waste, including food packaging material with residual food materials, resulting from the handling, preparation, cooking and serving of foods in households, institutions and commercial concerns and market wastes resulting from the handling, storage and selling of foods in wholesale and retail stores and markets;
- (g) "**Kilometre**" means one kilometre of roadway regardless of width;
- (h) "**Pavement**" or the adjective "**Paved**" when used to describe a street, road, alley sidewalk or other area, means an area which has a surface constructed of Portland Cement concrete, asphaltic concrete, brick, tile or similar material;
- (i) "**Priority 2**" means streets that are designated as collectors and bus routes within the City's street system which carry most of the inter-arterial vehicular and bus traffic. These streets are typically 10 metres in width;
- (j) "**Priority 3**" means streets that are residential streets within the City's street system which mainly carry local traffic. These streets are typically 7.5 metres in width;
- (k) "**Private Approach**" and "**Approach**" means a roadway, culvert crossing or other structure erected, installed or maintained over the boulevard for the use or benefit of the owner or occupant of the property adjoining, but does not include a roadway or other structure constructed for such purposes within an alley;

- (l) **“Regular Cleanup”** means the annual cyclic machine or manual cleanup of all paved roadways to remove abrasives, debris generated by private and commercial means over the summer or fall months. The process commences after the Spring Cleanup is complete and is outside the scope of this Contract;
- (m) **“Road Film”** means fine residual material remaining on the pavement after a sweep that is not normally collected by mechanical methods;
- (n) **“Roadway”** means the paved portion of the street that is used exclusively for the passage of motorized vehicles;
- (o) **“Rubbish”** means “combustibles” consisting of miscellaneous burnable materials such as paper, rags, cartons, boxes, wood excelsior, bedding, rubber, leather and plastics; “non-combustibles” consisting of miscellaneous materials that are not burnable such as tin cans, metals, ceramics, metal foils, glass, detached pieces of curb, concrete and asphalt pavement; and “yard rubbish” consisting of prunings, grass clippings, weeds, leaves, general garden wastes, exclusive of solid wastes otherwise classified herein;
- (p) **“Spring Cleanup”** means the annual machine and manual cleanup of all paved roadways to remove winter abrasives that includes debris generated by private and commercial means over the winter or spring months. The Contract Administrator shall initiate the process as soon as practicable after snow and ice has melted from the pavement;
- (q) **“Street Right-of-Way”** means the limit of the publicly-owned land acquired for and devoted to streets, boulevards, sidewalks, street lights, street furniture, street signs and other appurtenances, as well as underground facilities;
- (r) **“Traffic Lane”** means a width of pavement greater than 3.6 metres but less than 8 metres.

D4. CONTRACT ADMINISTRATOR

D4.1 The Contract Administrator is:

Ken Boyd, P.Eng.
Support Services Engineer
104-1155 Pacific Avenue

Telephone No. (204) 986-5076
Facsimile No. (204) 986-5566

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

D5. CONTRACTOR'S SUPERVISOR

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

D5.2 Before commencement of Work, the Contractor shall identify his 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. NOTICES

D6.1 Notwithstanding C22.3, all notices of appeal to the Chief Administrative Officer shall be sent to the attention of the Chief Financial Officer at the following address or facsimile number:

The City of Winnipeg
Chief Financial Officer
Administration Building, 3rd Floor
510 Main Street
Winnipeg MB R3B 1B9
Facsimile No.: (204) 949-1174

SUBMISSIONS

D7. AUTHORITY TO CARRY ON BUSINESS

D7.1 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.

D8. INSURANCE

D8.1 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, non-owned automobile liability and products and completed operations cover, to remain in place at all times during the performance of the Work;
- (b) if required, automobile liability insurance for owned automobiles used for or in connection with the Work in the amount of at least two million dollars (\$2,000,000.00), to remain in place at all times during the performance of the Work;

D8.2 Deductibles shall be borne by the Contractor.

D8.3 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.

D8.4 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

D9. COMMENCEMENT

D9.1 The Contractor shall not commence any Work until he is in receipt of a notice of award from the City authorizing the commencement of the Work.

D9.2 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 D7;
 - (ii) evidence of the workers compensation coverage specified in C6.14;
 - (iii) evidence of the insurance specified in D8; and
- (b) the Contractor has attended a meeting with the Contract Administrator, or the Contract Administrator has waived the requirement for a meeting.

- (c) has proven procedural comprehension on the placement of Temporary Parking prohibition signs in accordance with APPENDIX "C".

D9.3 Further to D9.1, the Contractor shall commence Work within 24 hours from the time of notification by the Contract Administrator. Failure of such response may be deemed forfeiture of Contract. Commencement of Work shall be subject to suitable weather and scheduling conditions, which is determined at the sole discretion of the Contract Administrator.

D10. TOTAL PERFORMANCE

D10.1 The Contract shall be awarded in Sections or as a whole. The Contractor shall achieve Total Performance within twenty (20) consecutive Working Days of commencement of the Work if awarded two (2) or more sections. The Contract Administrator will determine which Section shall be completed first. If the Sections are awarded individually the Contractor shall achieve Total Performance within ten (10) consecutive Working Days of commencement of the Work.

D10.2 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 re-inspected.

D10.3 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.

D11. LIQUIDATED DAMAGES

D11.1 If the Contractor fails to achieve Total Performance in accordance with the Contract by the day fixed herein for Total Performance, the Contractor shall pay the City three hundred dollars (\$300.00) per Working Day for each and every Working Day following the day fixed herein for Total Performance during which such failure continues.

D11.2 The amount specified for liquidated damages in D11.1 is based on a genuine pre-estimate of the City's damages in the event that the Contractor does not achieve Total Performance by the day fixed herein for same.

D11.3 The City may reduce any payment to the Contractor by the amount of any liquidated damages assessed.

CONTROL OF WORK

D12. JOB MEETINGS

D12.1 Regular weekly job meetings will be held at the Site. These meetings shall be attended by a minimum of one representative of the Contract Administrator, one representative of the City and one representative of the Contractor. Each representative shall be a responsible person capable of expressing the position of the Contract Administrator, the City and the Contractor respectively on any matter discussed at the meeting including the Work schedule and the need to make any revisions to the Work schedule. The progress of the Work will be reviewed at each of these meetings.

D12.2 The Contract Administrator reserves the right to cancel any job meeting or call additional job meetings whenever he deems it necessary.

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. SAFETY

D14.1 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.

D14.2 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.

D14.3 The Contractor shall do whatever is necessary to ensure that:

- (a) no person, property, right, easement or privilege is injured, damaged or infringed by reason of the Contractor's activities in performing the Work;
- (b) the health and safety of all persons employed in the performance of the Work or otherwise is not endangered by the method or means of its performance;
- (c) adequate medical services are available to all persons employed on the Work and at all times during the performance of the Work;
- (d) adequate sanitation measures are taken and facilities provided with respect to the Work.
- (e) pedestrian and other traffic on any public or private road or waterway is not unduly impeded, interrupted or endangered by the performance or existence of the Work or Plant;
- (f) fire hazards in or about the Work are eliminated;

D15. INSPECTION/WORK REPORTS

D15.1 The City will supply the Contractor with Work Report forms, which shall be fully and accurately completed in all applicable areas of the form. The original copy of the Work Report shall be delivered to the Contract Administrator immediately following the completion of each shift.

D15.2 Failure to complete the Work Report properly or to include equipment on the Report not in accordance with E4 will delay the quality inspections subsequent to receipt of Work Report until any concerns are addressed and extend the inspection period therein proportionately.

D15.3 All conditions, which create a hazard to the public, shall be identified as to location/type and reported to the Contract Administrator in the Work Report.

D15.4 The Contractor shall report any damage resulting from the operations under "Comments" on the Work Report.

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.

D17. PAYMENT SCHEDULE

D17.1 Further to C11, payment for shall be in accordance with the following payment schedule:

- (a) Where the Contract is awarded in sections, a payment will be made at the end of each Section completed; or
- (b) Where the Contract is awarded as a whole, a payment will be made at the completion of the first Section and a 2nd payment after the completion of the remaining Sections based

on the number of kilometres of Work satisfactorily completed on each item of Work listed on Form B: Prices accepted by the City as free of deficiencies.

- D17.2 The City will hold back five percent (5%) of each Progress Payment. These funds will be released forty (40) days after the completion of the entire Contract and in accordance with E3.7 of this Contract regarding damages and clearances.

WARRANTY

D18. WARRANTY

- D18.1 Warranty is as stated in C12.

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:
- APPENDIX A Section A (North Area) Priority 2 and 3 streets
Section B (East Area) Priority 2 and 3 streets
Section C (South Area) Priority 2 and 3 streets
 - APPENDIX B By-Law No. 4427/86 (By-Law to amend Traffic By-Law No. 1573/77)
 - APPENDIX C Procedure for Placement of Temporary "No Parking" signs
- 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 B5.

E2. QUANTITIES

- E2.1 The Work to be carried out under this Contract is for the complete street cleaning of Priority 2 streets, Priority 3 streets and cleaning of alleys.
- E2.2 The Contract Administrator reserves the right to exclude portions of roadways in the Contract Area subjected to construction activity. Such designated roadway sections shall be excluded from payment in the Contract.
- E2.3 The streets included in this Contract are identified in APPENDIX "A" attached hereto. The total scope of Work is shown in kilometres and is subject to minor changes at the discretion of the Contract Administrator.

E3. STREET CLEANING

- E3.1 The Work shall be completed in accordance with D9 and as noted below:
- (a) The Contractor shall be responsible for the cleaning of all the debris in the designated routes within the Contract area (APPENDIX A). All the Priority 2 and 3 streets shall be cleaned within each route before advancing on to the next route. The process shall be repeated on subsequent routes.
 - (b) All cleaning shall be done to the quality standards as set out below:
 - (i) All roadway surfaces shall be cleaned to expose bare pavement surface, including the removal of road film, to the satisfaction of the Contract Administrator.
 - (ii) All loose or packed debris, including road film, shall be removed from the roadway surface by means of mechanical sweepers, scrapers, loaders, street flushers, or manual labour, placed into trucks and removed to disposal areas acceptable to the Contract Administrator.
 - (iii) All exposed rebar or partially connected curb which creates a hazard to pedestrians and vehicular traffic in the roadway area shall be reported to the Contract Administrator immediately.
 - (c) All costs incurred by the Contractor in the street cleaning Works shall be included in the Bid Prices as set out in Form B: Prices.

- E3.2 Priority 2 streets generally receive a higher application of winter abrasives. Also, along some of these routes, the Parks and Open Spaces Division will remove accumulated boulevard material in a boulevard sweeping operation. This operation normally deposits material into the adjacent curb lane prior to a haul-away operation.
- E3.3 Any material deposited on the roadway whether due to weather conditions or due to boulevard cleaning by the public or Parks and Open Spaces Division on the Priority 2 and 3 street systems shall be cleaned as part of the portion of the Contract.
- E3.4 The Contractor shall ensure that each route of the completed Work achieves a high level of cleanliness as defined by the Quality Standards detailed in E3.1(b).
- E3.5 All dirt, garbage or rubbish collected during a shift shall be disposed of by the end of the shift. Streets utilized for temporary storage of materials must be signed in strict conformance with E9 and shall not be left overnight. Non-conformance may result in removal by the City at the Contractor's cost.
- E3.5.1 It is mandatory that the Contractor shall dispose of accumulated material and have it stock piled at the designated location at the Brady Landfill. No tipping fees shall apply.
- E3.6 For purposes of minimizing community dust nuisance created by the performance of the Work, the Contractor shall be required to pre-wet streets with a water distributor immediately prior to sweeping. Pre-wetting will not be required if vacuum sweeping equipment is used and no dust nuisance is created during the cleaning. In certain adverse weather conditions and upon specific authorization from the Contract Administrator, Contractors may be allowed to sweep without the use of water.
- E3.7 The Contractor shall be responsible for the arrangement of supply and all associated costs for use of water including sewer charges in the sweeping operation as described in these specifications. Contact Mr. Paul McLeod (B-Shift) and/or Kevin Jones (A-Shift) at 986-4933 of Water Services Division of the Water & Waste Department for information and regulations regarding supply/use of hydrants and associated charges.
- E3.7.1 It is the City of Winnipeg's intent to holdback five (5) percent of Progress Estimates for all Work performed under this contract as a Damage Deposit/Clearance Deposit. The holdback will not be released until such time as letter/s of clearance are received from the Water & Waste Department regarding reimbursements and compliance of regulations, and any negligent damages by the Contractor have been rectified to the satisfaction of the Contract Administrator.
- E3.7.2 If the Contractor has not paid all water and sewer charges applicable to the Bid Opportunity by June 30, 2010, the City shall pay the Water and Waste Department for the charges and deduct from the five (5) percent holdback.
- E3.8 The Contractor shall be responsible for any spillage onto the public roadways resulting from the carrying out of these Works. Spillage shall be cleaned up promptly and completely by the Contractor. Spillage includes solids, oils and other liquids which may leak from equipment and the Contractor shall use appropriate measures as approved by the Contract Administrator, to remove all traces of the spillage promptly and completely
- E3.9 The alternative of power flushing in lieu of sweeping shall not be considered for these Works.
- E4. ALLEY CLEANING**
- E4.1 The Contractor will be given a map indicating the alleys which require cleaning from the Contract Administrator.

E4.2 The Contractor shall coordinate the alley cleaning with the street cleaning for each route in each Section ensuring that each alley requiring cleaning is cleaned prior to the cleaning of surrounding streets.

E4.3 The Contractor will be paid per km for each alley cleaned as per the list supplied by the Contract Administrator.

E5. EQUIPMENT

E5.1 The Contractor shall supply no less than four (4) sweepers at any time during the Contract process and enough equipment to complete the work within the allowable Working Days.

E5.2 The Contractor shall supply a water distributor with a backflow preventor and having a capacity of not less than 2,000 gallons, a spray bar attachment and a pressurized capability to fill sweepers and/or flush streets.

E5.3 Each vehicle shall be provided with all of the necessary lighting prescribed by the motor vehicle laws of the Province of Manitoba. Notwithstanding this general requirement, all equipment must be equipped with the following minimum lighting requirements:

- (a) At least two headlights.
- (b) At least two rear running lights.
- (c) If the machine is in excess of 2 metres wide, it must have at least four clearance lights, one green or amber light on each side at the front facing the front, and one red light on each side at the rear facing rear-ward.
- (d) Turning signals front and rear.
- (e) Four-way hazard lights.
- (f) Stop lights at rear.
- (g) At least one flashing or oscillating amber light with 360° visibility.

E5.4 All equipment working or which travels under 40 km per hour must have a safety triangle mounted at the rear of their piece of equipment or truck.

E5.5 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. These unit numbers shall be used when applicable on the Work Reports required to be completed under D15.

E5.6 The Contractor shall make independent arrangements for the storage and maintenance of all equipment involved in these Works. No storage or maintenance (i.e. washing, etc.) shall be carried out on City streets or in City area yards.

E6. SAFETY

E6.1 The Contractor shall perform the Work in accordance with all applicable laws, by-laws and regulations enacted by the City of Winnipeg and/or Province of Manitoba.

E6.2 Where required, the Contractor shall ensure that all personnel engaged in cleanup wear and utilize a disposable respirator with a N-95 classification and wear a reflectorized safety vest.

E6.3 All sweepers shall travel in the same direction as the flow of traffic.

E7. RESTRICTED HOURS OF WORK

- E7.1 The Contractor may Work at any time of the day or night except as follows:
- (a) Where Work is within one block in any direction from a school yard, cleanup shall not take place between the hours of 08:00 to 09:00 hours, 11:30 to 13:30 hours and 15:30 to 16:30 hours, Monday to Friday, inclusive, except for statutory holidays.
 - (b) Where roadways are posted with restricted stopping or parking hours 07:00-09:00 hours and 15:30-17:30 hours on the Priority 2 street system, cleanup shall not take place between the posted hours.

E8. ROUTING

- E8.1 The Contractor shall establish a routing system for each of the Contract sections shown in APPENDIX "A" in accordance with the requirements of this Section. The Contractor is free to devise and utilize any routing system approved by the Contract Administrator that conforms to these provisions. Routing system approval is necessary for purposes of Contract administration and public liaison, and accordingly, the Contractor shall file a copy of the proposed routing schedules for each Section showing commencement locations, routes and equipment numbers for each shift for approval prior to commencement of the Works of the Contract.
- E8.2 The routing shall be designed to minimize left hand turns and the need to turn around at intersections in the interest of safety. It shall also provide for reasonable continuity and expediency in completing the Work on an "alternate street by street basis" in accordance with the procedure for placing signs enclosed as APPENDIX "C" under Section 1.1(c). High-density areas require alternate street signing. All areas where experience has shown signing to be necessary are identified in contract routes of APPENDIX "A". This requirement mandates a two-day cycle for each Section of cleaning in each Contract route and is intended to provide alternate parking space for residents temporarily prohibited from parking on a fronting street during the Works. The towing practices of APPENDIX "C", Section 2.4, will be carried out to attempt a minimizing of parked car deficiencies but will not relieve the Contractor of the obligation towards deficiency restorations should they occur.
- E8.3 The routing plan to be established for each Contract route shall consider the completion of the total Contract route (or the route where alternate street parking considerations are involved) before commencing a subsequent route using the same equipment. Unless specifically approved by the Contract Administrator, there shall be no exceptions to this requirement other than the correction of deficiencies.
- E8.4 For Works in Section A, B and C the Contractor shall first complete all alleys that require cleaning in a Contract route and then shall immediately complete all streets in that Contract route in order to collect debris unavoidably left at lane intersections before it is significantly spread about by area traffic.

E9. SIGNING FOR TEMPORARY PARKING PROHIBITION

- E9.1 For purposes of street cleaning operations, City Council has invoked Parking By-Law No. 4427/86 and the pertinent Sections are enclosed as APPENDIX "B" for the information and direction of the Contractor. For the majority of the Contract routes and as identified thereon in APPENDIX "A", the utilization of temporary parking prohibition signs may be required. The Parking Prohibition signs to be made available for these Works are furnished solely for the specific purposes of this Contract and shall not be utilized by the Contractor for any other purposes. The Contractor is the designated agent of the City for purposes of Temporary Parking Prohibition signing under the Traffic By-Law No. 1573/77, Section 33 for these Works only. The Contractor shall carry out all desired sign placements, including location maintenance, monitoring, recordings, removals and returns in accordance to Sections 1.1, 1.2,

1.3, 2.1, 2.2 and 2.5 of the Standard Operations Departmental Procedures P91-01 enclosed as APPENDIX "C".

- E9.2 For purposes of this Contract, all references to "the District" in Sections 2.1 and 2.2 of APPENDIX "C" (Sign Placement Procedures) shall apply to the Contractor. Accordingly, daily copies of the lists referenced in Sections 2.1, 2.2 and 2.5 shall be prepared during sign placement and supplied to the Contract Administrator for enforcement purposes by 17:00 and 22:00 hours for each shift respectively. Forms for this purpose are available upon request from the Contract Administrator. It is noted that because of the towing consequences, the enforcement is very sensitive and subject to public challenge and the referenced documentation must be clear, accurate and formalized as noted.
- E9.3 The Contractor is advised that the legal process associated with towing private vehicles involves a risk of Traffic By-Law appeals by vehicle owners claiming innocence. For a period of up to 10 months, the City and its Contractor are exposed to subpoenas for each such appeal for purposes of providing court evidence of the relevant signing particulars. Attendance by the installer of the temporary parking prohibition signs is required by the By-Law Court to verify sign placement, vehicles parked and City notification details.
- E9.4 Such follow-up services by the Contractor are deemed to be a critical aspect of the Work as successfully appealed tickets render the City liable for towing/storage charge reimbursement costs as well as lost ticket (enforcement) revenue. Court attendance services are considered incidental to the Works and all costs shall be included in bid prices submitted.
- E9.5 Should a public challenge to a parking ticket be successfully appealed on the basis of unclear, inaccurate, or unacceptable documentation which do not meet the requirements of APPENDIX "C" or by a failure of the Contractor to provide same, the City will consider such failure to be a breach of Contract and will seek to recover such damages from the Contractor.
- E9.6 Signs will be available from the City area yards. All costs for this aspect of the Works shall be considered as incidental and shall be included in the unit price amounts for each Section.
- E9.7 Where the Contractor fails to return temporary "No Parking" signs to Area offices or signs are returned in a damaged and irreparable state, the Contractor shall be assessed seventy five dollars (\$75.00) per sign. Where signs are returned in a damaged but repairable state, the Contractor shall be assessed forty dollars (\$40.00) per sign at the time of the final Progress Payment.

E10. TOWING COORDINATION

- E10.1 Towing will only be initiated by specific street-by-street requests from the Contractor when and as required. So that the City can carry out its towing responsibilities under E8 properly, and ensure that no cars are parked when each street is to be cleaned, it is important that the Contractor coordinate the street-by-street cleaning operation with the City's towing operation and thereby avoid the additional parking interferences associated with premature towing. To accomplish this, continuous communication capability is fundamental as noted in D5.
- E10.2 The City will not be responsible for towing recalls should the Contractor's cleaning fall behind requested towing requests.
- E10.3 The Contractor shall keep records of the vehicles that are parked on the streets as the signing is being put in place.
- E10.4 The following limitations will affect the scheduling and sweeping for each day:
- (a) only 300 parking control signs are available from each Area;

- (b) availability of commissionaires for ticketing and towing vehicles [see APPENDIX "C" 2.4 (a)];
- (c) availability of constables for towing vehicles to other streets with one tow truck [see APPENDIX "C" 2.4 (b)]; and
- (d) availability/scheduling of tow trucks [see APPENDIX "C", 2.4 (a)].

E11. DEFICIENCIES

- E11.1 Inspection of cleaning adequacy will be provided by the City on a shift by shift basis and deficiencies will be identified for correction and relayed to the Contractor, by the City, within six (6) hours after the receipt of the Work Report (see D15).
- E11.2 The Contractor shall respond immediately to all hazardous deficiencies relating to the Contract and within 24 hours to all non-hazardous deficiencies and correct them to the standard of cleaning identified in E3.1(b).
- E11.3 Failure to respond to deficiencies within the time frame will give the City the option of rectifying said deficiencies and assessing the cost thereof against the payment to the Contractor. Any and all deficiencies remaining unsatisfactorily corrected shall render the total block invalid for payment purposes.
- E11.4 The Contract Administrator will be the sole judge in what constitutes a hazardous/non-hazardous deficiency.

APPENDIX "A"

Section A (NORTH AREA) – PRIORITY 2

Street	From	To	Length (km)
Aberdeen	McGregor	Arlington	0.58
Aberdeen	Arlington	McPhillips	1.23
Airlies	Inkster	Jefferson	0.75
Airlies	Cathedral	Inkster	0.39
Airlies	Cathedral	Mountain	0.53
Annabella	Sutherland	CPR Sutherland	0.12
Atlantic	Airlies	McGregor	1.18
Bannerman	Salter	McGregor	0.58
Burrows	Main	Salter	0.57
Burrows	McGregor	McPhillips	1.75
Burrows	Main	Salter	0.57
Burrows	Salter	McGregor	0.58
Burrows	McGregor	McPhillips	1.75
Burrows	Salter	McGregor	0.58
Cathedral	Airlies	Main	2.49
Cathedral	Main	Scotia	0.68
Church	Main	McPhillips	2.82
Dufferin	McGregor	Sinclair	0.76
Dufferin	Main	Salter	0.77
Euclid	Main	Sutherland	0.63
Inkster	Main	Scotia	0.81
Jarvis	Powers	McPhillips	1.48
Jarvis	Main	King	0.12
King	Sutherland	Selkirk	0.59
McGregor	Jarvis	Dufferin	0.10
Powers	Sutherland	Dufferin	0.22
Redwood	Salter	McPhillips	2.46
Scotia	Inkster	Cathedral	0.55
Sinclair	Jarvis	Burrows	0.76
Sinclair	Inkster	Jefferson	0.75
Sutherland	Higgins	Powers	2.46
Total			29.59

APPENDIX "A"

Section A (NORTH AREA) – PRIORITY 3

Street	From	To	Length (km)
Aberdeen	Main	East End	0.24
Aberdeen	Main	Salter	0.51
Aberdeen	Salter	McGregor	0.58
Aikins	Sutherland	Selkirk	0.55
Aikins	Selkirk	Redwood	0.54
Aikins	Redwood	Inkster	1.14
Alfred	Salter	McGregor	0.58
Alfred	McGregor	Arlington	0.58
Alfred	Arlington	McPhillips	1.30
Alfred	Main	East End	0.23
Alfred	Main	Salter	0.53
Anderson	Main	Salter	0.52
Anderson	Salter	McGregor	0.59
Anderson	McGregor	Parr	0.43
Anderson	Main	St. Cross	0.30
Andrews	Jarvis	Selkirk	0.40
Andrews	Pritchard	Redwood	0.45
Andrews	Redwood	Inkster	1.14
Angus	CPR	Rover Dike	0.18
Annabella	Sutherland	Rover Dike	0.26
Argyle	CPR	Euclid	0.17
Artillery	Pritchard	Redwood	0.35
Artillery	Redwood	College	0.15
Aster	Airlies	Crocus	0.32
Atlantic	Airlies	McPhillips	0.60
Atlantic	Main	Salter	0.48
Atlantic	Salter	McGregor	0.59
Atlantic	Main	Scotia	0.77
Austin	Euclid	Pt. Douglas	0.38
Bannerman	Robertson	Arlington	0.73
Bannerman	Main	Salter	0.48
Bannerman	Main	Scotia	0.72

APPENDIX “A”
Section A (NORTH AREA) – PRIORITY 3

Street	From	To	Length (km)
Bannerman	McGregor	Arlington	0.59
Barber	Euclid	Rover Dike	0.38
Battery	Redwood	College	0.15
Battery Lane	S/Selkirk	Redwood	0.57
Beaconsfield	Lisgar	Lusted	0.18
Bluebell	Daffodil	Sinclair	0.30
Boyd	Main	Salter	0.51
Boyd	Salter	McGregor	0.59
Boyd	McGregor	Arlington	0.59
Boyd	Arlington	McPhillips	1.26
Burrows	Main	East End	0.23
Burrows	Main	East End	0.23
Cairnsmore	Machray	Cathedral	0.11
Cairnsmore	Mountain	Church	0.31
Carruthers	CPR X-ing	West End	1.46
Cathedral	McPhillips	Airlies	0.35
Charles	Flora	Redwood	0.60
Charles	Redwood	Inkster	1.14
Charles	Sutherland	Jarvis	0.10
Cherryhill	Daffodil	Sinclair	0.37
Church	Main	Emslie	0.15
Cochrane	Lansdowne	Lane S/Inkster	0.13
Colish	Cottingham	Pearce	0.29
College	McGregor	Arlington	0.59
College	Arlington	McPhillips	1.25
College	Main	Salter	0.51
College	Salter	McGregor	0.59
Cottingham	Dafoe	Carruthers	0.34
Crocus	Cherryhill	Dahlia	0.18
Daffodil	Dahlia	Teakwood	0.46
Dafoe	McPhillips	Cottingham	0.24

APPENDIX “A”
Section A (NORTH AREA) – PRIORITY 3

Street	From	To	Length (km)
Dahlia	Lane W/Daffodil	Sinclair	0.36
Dalton	Mountain	Machray	0.43
Derby	Sutherland	Dufferin	0.16
Disraeli	Rover Dike	Disraeli Cloverleaf	0.06
Emslie	Church	Atlantic	0.36
Fir	Richardson	Jefferson	0.08
Flora	McGregor	Arlington	0.58
Flora	Arlington	Sinclair	0.18
Flora	Main	Salter	0.66
Flora	Salter	McGregor	0.58
Flora Place	Sinclair	West End	0.53
Flora Place S.	Flora Place	South End	0.13
Fowler	St. John's	Anderson	0.08
Galloway	Mountain	Church	0.31
Garlies	Mountain	Machray	0.43
Gladstone	CPR	Sutherland	0.10
Gomez	CPR	30m N/Sutherland	0.13
Granville	Rover	Euclid	0.29
Grove	Euclid	Rover Dike	0.34
Hallet	Jarvis	Rover	0.35
Jarvis	Main	Euclid	0.59
Jarvis	Main	Aikins	0.59
Kildaroch	Mountain	Machray	0.43
King	CPR	Sutherland	0.07
Lansdowne	McPhillips	Wiginton	0.19
Lansdowne	Airlies	CPR ROW Tracks	0.47
Lisgar	Austin	Beaconsfield	0.14
Lorne	Austin	Beaconsfield	0.20
Lusted	Austin	Beaconsfield	0.25
Luxton	Main	School	0.43
Luxton	Main	Charles	0.05

APPENDIX “A”
Section A (NORTH AREA) – PRIORITY 3

Street	From	To	Length (km)
Luxton	Salter	Powers	0.19
Luxton	St. Cross	Red River	0.35
Machray	CPR	McPhillips	0.89
Machray	McGregor	Arlington	0.59
Machray	Arlington	Sinclair	0.20
Machray	Salter	McGregor	0.59
Machray	Main	Salter	0.51
Machray	Main	St. Cross	0.41
Macklin	Payne	McCurdy	0.41
Magnus	Main	East End	0.28
Magnus	Main	Aikins	0.41
Magnus	Aikins	Salter	0.18
Magnus	Salter	McGregor	0.58
Magnus	McGregor	Arlington	0.58
Magnus	Arlington	McPhillips	1.09
Manitoba	Salter	McGregor	0.58
Manitoba	McGregor	Arlington	0.58
Manitoba	Arlington	McPhillips	0.95
Manitoba	Main	Salter	0.62
Manitoba	Main	East End	0.14
Maple	Pt. Douglas	Sutherland	0.10
Maple	Sutherland	Jarvis	0.10
Maple	Jarvis	Euclid	0.11
Marigold	Sinclair	West Limit	0.10
McAdam	Sinclair	East Limit	0.14
McCurdy	Mellish	Richardson	0.27
McFarlane	CPR	Rover Dike	0.30
McKenzie	Jarvis	Redwood	0.94
McKenzie	Redwood	Inkster	1.14
Meade	Sutherland	Euclid	0.13
Mellish	Cottingham	Airlies	0.28
Minnegaffe	Mountain	Machray	0.43

APPENDIX “A”
Section A (NORTH AREA) – PRIORITY 3

Street	From	To	Length (km)
Monreith	Mountain	Machray	0.43
Mortimer	Machray	St. Cross	0.17
O'Meara	Anderson	Machray	0.21
Parr	Jarvis	Redwood	0.94
Parr	Redwood	Inkster	1.14
Payne	Dafoe	Richardson	0.17
Pearce	Cottingham	Airlies	0.28
Penninghame	Mountain	CPR	0.08
Penninghame	CPR	Machray	0.26
Polson	McGregor	Arlington	0.59
Polson	Arlington	McPhillips	1.21
Polson	Main	Scotia	0.85
Polson	Main	Salter	0.47
Polson	Salter	McGregor	0.59
Polson Bay	1st East	McPhillips	0.14
Polson Bay	2nd East	McPhillips	0.14
Polson Bay	3rd East	McPhillips	0.15
Polson Bay	4th East	McPhillips	0.14
Polson Bay	5th East	McPhillips	0.13
Powers	Dufferin	Redwood	0.83
Powers	Redwood	Inkster	1.14
Primrose	Sinclair	Sinclair	0.52
Prince	Selkirk	Redwood	0.43
Prince	Redwood	College	0.15
Prince Edward	Barber	Rover Dike	0.41
Pritchard	Main	Salter	0.64
Pritchard	Salter	Andrews	0.38
Pritchard	Austin	East End	0.21
Pritchard	McGregor	Arlington	0.58
Pritchard	Arlington	McPhillips	0.91
Pt. Douglas	Main	Maple	0.31
Radford	Aberdeen	Redwood	0.07

APPENDIX “A”
Section A (NORTH AREA) – PRIORITY 3

Street	From	To	Length (km)
Radford	Redwood	Polson	1.03
Rex	Hallet	Grove	0.06
Richardson	McPhillips	McCurdy	0.46
Robertson	Mountain	Cathedral	0.48
Robinson	Sutherland	Jarvis	0.10
Robinson	Jarvis	Selkirk	0.47
Rover	Angus	Syndicate	0.11
Rover	Prince Edward	Grove	0.04
Rover Dike	Rutherford	Granville	1.00
Salter Viaduct (W/S)	Jarvis	Dufferin	0.10
Salvia	Sinclair	East Limit	0.15
Schultz	Flora	Lane North	0.04
Schultz	Sutherland	Jarvis	0.10
Selkirk	Main	East End	0.30
Seymour	Mountain	Church	0.31
Sinclair	Burrows	Redwood	0.21
Sinclair	Redwood	Mountain	0.25
Sinclair	Mountain	Church	0.31
Sinclair	Machray	Atlantic	0.28
Sinclair	Atlantic	Inkster	0.20
St. Cross	Anderson	Inkster	0.85
St. John's	Main	Fowler	0.16
St. John's	Main	Salter	0.52
St. John's	Salter	McGregor	0.59
St. John's	McGregor	Parr	0.43
Stella	Robinson	Salter	0.29
Stella	Salter	McGregor	0.58
Stella	McGregor	Arlington	0.58
Stella	Arlington	Sinclair	0.18
Stella	Main	Lane West	0.06
Stephens	CPR	Rover Dike	0.25
Sutherland	Powers	Yard Street	0.08

APPENDIX "A"

Section A (NORTH AREA) – PRIORITY 3

Street	From	To	Length (km)
Syndicate	CPR	Rover	0.29
Teakwood	Daffodil	Jefferson	0.44
Tinniswood	Mountain	Machray	0.43
Tinniswood	Bay Off	Tinniswood	0.21
Wiginton	Inkster	Carruthers	0.14
Yard Street	Sutherland	Jarvis	0.10
		Total	82.10

APPENDIX “A”
Section B (EAST AREA) - PRIORITY 2

Street	From	To	Length (km)
Bonner Avenue	Henderson Highway	Raleigh Street	1.84
Brazier Street	Donalda Avenue	Midwinter Avenue	1.81
Brazier Street	Cheriton Avenue	Donalda Avenue	2.11
Chalmers Avenue	Watt Street	Raleigh Street	0.58
DeSalabery Avenue	Nairn Avenue	Watt Street	0.24
Donwood Drive	Sutton Avenue	Raleigh Street	2.09
Edison Avenue	Henderson Highway	Raleigh Street	1.87
Gilmore Avenue	Henderson Highway	Raleigh Street	1.95
Golspie Street	Roberta Avenue	Neil Avenue	1.06
Golspie Street	Neil Avenue	Watt Street	0.58
Headmaster Row	Rothsay Street	Raleigh Street	1.36
Kimberly Avenue	Kildonan Drive	Raleigh Street	1.95
Knowles Avenue	Henderson Highway	Raleigh Street	1.94
Leighton Avenue	Kildonan Drive	Watt Street	1.61
Levis Street	Johnson Avenue	Poplar Avenue	0.13
Levis Street	Talbot Avenue	Riverton Avenue	0.06
Mclvor Avenue	Henderson Highway	Raleigh Street	2.01
McLeod Avenue	Henderson Highway	Raleigh Street	1.75
Raleigh Street	Chalmers Avenue	Emerson Avenue	4.35
Roch Street	McKay Avenue	Poplar Avenue	3.84
Rothsay Street	McLeod Avenue	Emerson Avenue	3.15
Stadacona Street	Poplar Avenue	Talbot Avenue	0.49
Sutton Avenue	Henderson Highway	Graduate Path	0.43
Talbot Avenue	Stadacona Street	Elmwood Road	1.34
Watt Street	Leighton Avenue	Munroe Avenue	1.58
Whellams Lane	Henderson Highway	End W/Tamarind	0.68
		Total	40.80

APPENDIX “A”
Section B (EAST AREA) - PRIORITY 3

Street	From	To	Length (km)
Algonquin Avenue	Uxbridge Road	Raleigh Street	0.48
Allan Street	Thames Avenue	Nairn Avenue	0.39
Appleton Street	Whellams Lane	Essar Avenue	0.22
Arbroath Bay	Rothsay Street	End West	0.15
Arby Bay	McKay Avenue	McKay Avenue	0.45
Aspenwood Place	McKay Avenue	End North	0.13
Autumnwood Path	Gilmore Avenue	Morningmead Walk	0.18
Bain Place	Malcana Street	End South	0.02
Bardal Bay	DeGraff Place	DeGraff Place	0.50
Beatrice Street	Martin Avenue	End S/Hespeler	0.44
Bowman Avenue	Henderson Highway	End East of Watt	1.17
Brahms Bay	Bonner Avenue	Uxbridge Road	0.39
Bredin Drive	Henderson Highway	Henderson Highway	0.44
Bret Bay	Donwood Drive	Donwood Drive	0.34
Brian Street	Donwood Drive	Springfield Road	0.35
Bridgewater Crescent	Karen Street	Paufeld Drive	0.24
Broad Bay	Edison Avenue	Edison Avenue	0.45
Bronx Avenue	Henderson Highway	Roch Street	0.62
Bronx Place	Watt Street	Golspie Street	0.35
Bronx Place	Kildonan Drive	Henderson Highway	0.24
Brunlea Key	Gilmore Avenue	End North	0.11
Bunns Grove	Bonner Avenue	End South	0.19
Callum Crescent	Donwood Drive	Donwood Drive	0.38
Cameo Crescent	McLeod Avenue	Raleigh Street	0.93
Canterbury Place	Henderson Highway	Kildonan Drive	0.15
Carmen Avenue	Henderson Highway	Glenwood Crescent	0.55
Carrie Cove	Marcie Street	End East	0.07
Cedarcrest Drive	Mark Pearce Avenue	Corinne Street	0.47
Chalmers Avenue	Henderson Highway	Watt Street	0.88
Charles Hawkins Bay	Headmaster Row	End South	0.05
Chelsea Avenue	Henderson Highway	Golspie Street	1.33

APPENDIX “A”
Section B (EAST AREA) – PRIORITY 3

Street	From	To	Length (km)
Chelsea Place	Henderson Highway	Kildonan Drive	0.19
Cheriton Avenue	Kildonan Drive	Rothsay Street	1.06
Chernichan Drive	Edkar Crescent	End South	0.08
Chopin Boulevard	Uxbridge Road	Wiebe's Drive	0.31
Chornick Drive	Gilmore Avenue	Mclvor Avenue	0.38
Claudia Place	Donwood Drive	End South	0.06
Claus Bay	Whellams Lane	Whellams Lane	0.26
Cobourg Avenue	Henderson Highway	Glenwood Crescent	0.61
Colvin Avenue	Brazier Street	Roch Street	0.28
Continental Avenue	Chornick Drive	Malcana Street	0.41
Corinne Street	Mark Pearce Avenue	Oakland Avenue	0.15
Corne Street	Slater Avenue	End South	0.08
Cranlea Path	Gilmore Avenue	Mclvor Avenue	0.38
Dalglish Bay	Headmaster Row	End North	0.08
Daman Street	Knowles Avenue	Glenway Avenue	0.14
Dan H. Young Bay	Headmaster Row	End South	0.06
Dearborn Avenue	Henderson Highway	Lacy Street	0.31
Deborah Place	Reiny Drive	End South	0.06
DeFehr Street	Edison Avenue	Oakland Avenue	0.48
DeGraff Bay	DeGraff Place	DeGraff Place	0.42
DeGraff Place	Mark Pearce Avenue	DeGraff Bay	0.51
Del Rio Place	Slater Avenue	End South	0.08
Delbrook Crescent	Foxdale Avenue	Foxdale Avenue	0.44
Devon Avenue	Henderson Highway	Rothsay Street	0.78
Diamond Crescent	Strood Avenue	Rothsay Street	0.36
Digby Avenue	Silvia Street	Glenwood Crescent	0.14
Dobbie Street	Gospie Street	Raleigh Street	0.46
Donald McClintock Bay	Headmaster Row	End South	0.05
Donalda Avenue	Brazier (North)	Roch Street	0.19
Donalda Avenue	Brazier Street (N)	Brazier Street (S)	0.10
Donalda Avneue	Henderson Highway	Brazier (South)	0.28
Douglas Lawrence Bay	Headmaster Row	End South	0.04

APPENDIX “A”
Section B (EAST AREA) – PRIORITY 3

Street	From	To	Length (km)
Dounreay Bay	McLeod Avenue	End South	0.04
Dunbeath Avenue	Brazier Street	Roch Street	0.28
Dundoon Street	Knowles Avenue	Glenway Avenue	0.14
Dundoon Street	Oakland Avenue	McLeod Avenue	0.06
Dunrobin Avenue	Kildonan Drive	Raleigh Street	2.14
Dunvegan Street	Mosssdale Avenue	Rossmere Crescent	0.16
Durness Bay	McLeod Avenue	End South	0.04
Eade Crescent	Vreyenhoek Crescent	Raleigh Street	0.37
Eastwood Drive	Henderson Highway	Glenway Avenue	0.18
Edelweiss Crescent	Donwood Drive	Springfield Road	1.26
Edith Bay	Continental Avenue	End North	0.06
Edkar Crescent	Pentland Street	Mclvor Avenue	0.31
Elaine Place	Donwood Drive	End South	0.06
Elmwood Road	Thames Avenue	William Newton Ave.	0.39
Emerson Avenue	Henderson Highway	Raleigh Street	1.92
Essar Avenue	Henderson Highway	Kildonan Drive	0.68
Euston Street	Oakland Avenue	End North	0.18
Evenlea Walk	Gilmore Avenue	Gilmore Avenue	0.52
Fair Place	Mclvor Avenue	End North	0.10
Fearn Avenue	Brazier Street	Roch Street	0.28
Fortier Avenue	Henderson Highway	Summerfield Way	0.41
Fraser’s Grove	Henderson Highway	Woodvale Street	0.38
Gemini Avenue	Paufeld Drive	Edelweiss Crescent	0.56
Glencoe Avenue	Mosssdale Avenue	Woodvale Street	0.33
Glenwood Crescent	Harbison Avenue	Hespeler Avenue	0.43
Glenwood Crescent	Digby Avenue	Hespeler Avenue	0.19
Golspie Street	Oakand Avenue	McLeod Avenue	0.06
Gordon Avenue	Henderson Highway	Stadacona Street	0.57
Graduate Path	Sutton Avenue	Springfield Road	0.14
Grandview Street	Irving Place	Henderson Highway	0.25
Greene Avenue	Kildonan Drive	Raleigh Street	2.83
Greenlea Cove	Gilmore Avenue	Gilmore Avenue	0.28

APPENDIX “A”
Section B (EAST AREA) – PRIORITY 3

Street	From	To	Length (km)
Halkirk Bay	McLeod Avenue	End South	0.04
Hanson Street	Knowles Avenue	Emerson Avenue	0.07
Harbison Avenue	Henderson Highway	Glenwood Crescent	0.31
Harbison Avenue	Henderson Highway	End E/Watt	1.35
Harewood Close	Hathway Road	End North	0.06
Hart Avenue	Henderson Highway	Glenwood Crescent	0.65
Hathway Road	Rothesay Street	Cranlea Path	0.41
Hawthorne Avenue	Kildonan Drive	Rothesay Street	1.06
Hawthorne Place	Hawthorne Avenue	End South	0.07
Hazel Dell Avenue	Kildonan Drive	Golspie Street	1.84
Headmaster Row	Rothesay Street	End West	0.12
Heidelberg Bay	Gilmore Avenue	End South	0.05
Helmsdale Avenue	Kildonan Drive	Raleigh Street	1.99
Helmsdale Avenue	Kildonan Drive	Kildonan Drive	0.07
Henderson Highway	Midwinter Avenue	Talbot Avenue	0.06
Honeywood Street	Donwood Drive	Roselawn Bay	0.14
Hooper Street	Gilmore Avenue	End North	0.10
Huntsman Circle	Hathway Road	End North	0.06
Ian Place	DeGraff Place	Edison Avenue	0.28
Irving Place	Kildonan Drive	Henderson Highway	0.45
Jack Hawkins Bay	Headmaster Row	End South	0.02
Jamison Avenue	Henderson Highway	Trueman Street	1.24
Jodonndra Bay	Bonner Avenue	Bonner Avenue	0.24
Karen Street	Donwood Drive	Springfield Road	0.35
Kayhans Drive	Mclvor Avenue	End North	0.18
Keith Black	Bay Headmaster Row	End South	0.05
Kellas Street	Gilmore Avenue	Stuart Avenue	0.06
Kildonan Drive	Leighton Avenue	Henderson Highway	1.91
Kildonan Drive	Rossmere Crescent	Leighton Avenue	0.39
Kildonan Drive	North of Irving	South of Larchdale	1.21
Kinbrace Bay	McLeod Avenue	End South	0.04
Kingsford Avenue	Henderson Highway	Kingsford Place	1.47

APPENDIX “A”
Section B (EAST AREA) – PRIORITY 3

Street	From	To	Length (km)
Kingsford Place	Mark Pearce Avenue	Kingsford Avenue	0.24
Kirkwall Crescent	Cameo Crescent	Cameo Crescent	0.47
Kronstal Place	Malcana Street	End South	0.02
Lacy Street	Gordon Avenue	End S/Dearborn	0.10
Larchdale Cr. (ALL)	Kildonan Drive (2)	Fraser’s Grove	0.78
Larsen Avenue	Henderson Highway	End East of Watt	1.13
Lauder Avenue	Cameo Crescent	Kirkwall Crescent	0.23
Leatherwood Cove	Headmaster Row	End North	0.14
Leatherwood Crescent	Headmaster Row	Headmaster Row	0.45
Lerwick Bay	McLeod Avenue	End South	0.03
Leslie Avenue	Silvia Street	Glenwood Crescent	0.15
Levis Street	Poplar Avenue	End South	0.04
Linden Avenue	Kildonan Drive	Raleigh Street	2.29
Litz Place	Appleton Street	Henderson Highway	0.31
MacAulay Crescent	Edison Avenue	Rothsay Street	0.60
MacAulay Place	Edison Avenue	MacAulay Crescent	0.20
Malcana Street	Gilmore Avenue	Chornick Drive	0.70
Marcie Street	Gilmore Street	Douglas Avenue	0.19
Mark Pearce Avenue	DeFehr Street	Cedarcrest Dive	0.77
Martin Avenue	Henderson Highway	End East of Watt	1.25
Martin Avenue	Henderson Highway	Glenwood Crescent	0.45
Matthew Bay	Headmaster Row	End North	0.05
Mattinee Bay	Donwood Drive	Donwood Drive	0.39
Maxim Bay	Continental Avenue	End North	0.06
Maxwell Place	Brazier Street	End West	0.12
McIntosh Avenue	Henderson Highway	End East of Brazier	0.40
McKay Avenue	Henderson Highway	Rothsay Street	0.78
McPhail Street	Gordon Avenue	Dearborn Avenue	0.11
Melbourne Avenue	Henderson Highway	End East of Watt	1.23
Mellowmead Cove	Gilmore Avenue	Gilmore Avenue	0.31
Melmar Place	Rothsay Street	End West	0.11
Melness Bay	McLeod Avenue	End South	0.04

APPENDIX “A”
Section B (EAST AREA) – PRIORITY 3

Street	From	To	Length (km)
Melonlea Cove	Gilmore Avenue	Gilmore Avenue	0.30
Mighton Avenue	Henderson Highway	Brazier Street	0.26
Mildred Street	Knowles Avenue	Headmaster Row	0.13
Moir Avenue	Dunvegan Street	Rossmere Crescent	0.13
Monson Street	Knowles Avenue	Glenway Avenue	0.14
Mornefortune Crescent	Mclvor Avenue	Pentland Street	0.29
Morningmead Walk	Autumnlea Path	Cranlea Path	0.52
Mosssdale Avenue	Henderson Highway	Kildonan Drive	0.69
Natalie Bay	Stuart Avenue	End South	0.06
Neil Avenue	Henderson Highway	End East of Watt	0.87
Neil Avenue	Golspie Street (N)	Golspie Street (S)	0.22
Neil Place	Henderson Highway	End West	0.12
Noble Avenue	Henderson Highway	Glenwood Crescent	0.65
Northcote Bay	Headmaster Row	End North	0.07
Oakland Avenue	Henderson Highway	Raleigh Street	1.82
Oakview Avenue	Kildonan Drive	Golspie Street	1.79
Ottawa Avenue	Henderson Highway	Trueman Street	1.17
Parkway Place	Mclvor Avenue	End North	0.15
Paufeld Drive	Rothsay Street	Gemini Avenue	0.89
Pennefather Bay	Pennefather Street	Bonner Avenue	0.18
Pennefather Street	Headmaster Row	Bonner Avenue	0.17
Pentland Street	Strood Avneue	Reiny Drive	0.06
Pentland Street	Douglas Avenue	Mclvor Avenue	0.98
Peters Bay	Headmaster Row	End South	0.05
Peters Street	Knowles Avenue	Headmaster Row	0.10
Pinecrest Bay	Donwood Drive	Donwood Drive	0.31
Placid Cove	Mclvor Avenue	End South	0.06
Pleasant Bay	Brazier Street	Brazier Street	0.46
Poplar Avenue	Henderson Highway	Levis Street	0.68
Principal Bay	Headmaster Row	End South	0.05
Puffin Place	Pentland Street	End East	0.04
Quiring Bay	Donwood Drive	Donwood Drive	0.39

APPENDIX “A”
Section B (EAST AREA) – PRIORITY 3

Street	From	To	Length (km)
Rachel Street	Continental Avenue	Malcana Street	0.15
Radium Cove	Mclvor Avenue	Uxbridge Road	0.30
Ranch Place	Ranch Road	End East	0.04
Ranch Road	Mclvor Avenue	Mclvor Avenue	0.21
Regula Bay	Knowles Avenue	End South	0.06
Reichert Street	Gilmore Avenue	End North	0.10
Reinhard Place	Donwood Drive	End South	0.06
Reiny Drive	Mclvor Avenue	Reiny Drive	0.06
Riverton Avenue	Henderson Highway	Elmwood Road	1.20
Riverton Avenue	Talbot Avenue	Midwinter Avenue	0.19
Roberta Avenue	Woodvale Street	Raleigh Street	2.07
Roman Street	Oakland Avenue	End North	0.18
Roosevelt Place	Henderson Highway	Bredin Drive	0.12
Roselawn Bay	Donwood Drive	Donwood Drive	0.43
Rosewell Place	Sharron Bay	DeFehr Street	0.23
Rossmere Crescent	Kildonan Drive	Mossdale Avenue	0.74
Rowandale Avenue	Henderson Highway	Rowandale Crescent	0.25
Rowandale Cr.(S. Leg)	Rowandale Avenue	Kildonan Drive	0.24
Rowandale Crescent	Kildonan Drive	Kildonan Drive	0.16
Rowe Street	Oakland Avenue	End North	0.18
Serenity Cove	Gilmore Avenue	Gilmore Avenue	0.27
Sharron Bay	Rothsay Street	DeFehr Street	0.65
Shelagh Crescent	Edelweiss Crescent	Edelweiss Crescent	0.19
Silvia Street	Hespeller Avenue	Digby Avenue	0.18
Slater Avenue	Henderson Highway	Corne Street	0.29
Solace Key	Evenlea Walk	End North	0.05
Springlea Path	Gilmore Avenue	Morningmead Walk	0.16
Stalker Bay	Mark Pearce Avenue	Mark Pearce Avenue	0.35
Stanier Street	Gordon Avenue	Dearborn Avenue	0.08
Stoneham Crescent	Bonner Avenue	Pennefather	0.47
Strood Avenue	Henderson Highway	Rothsay Street	0.07
Stuart Avenue	Henderson Highway	Natalie Bay	0.73

APPENDIX “A”
Section B (EAST AREA) – PRIORITY 3

Street	From	To	Length (km)
Summerfield Way	Gilmore Avenue	Gilmore Avenue	0.70
Sutton Avenue	Graduate Path	Karen Street	0.65
Swiss Bay	Rothsay Street	End West	0.17
Sydney Avenue	Henderson Highway	End East of Watt	1.18
Tain Bay	McLeod Avenue	End South	0.04
Talbot Avenue	Henderson Highway	End W/Riverton	0.31
Tamarind Drive	Whellams Lane	End South	0.32
Thames Avenue	Allan Street	Elmwood Road	0.40
Tranquility Cove	Gimore Avenue	Summerfield Way	0.29
Trent Avenue	Henderson Highway	Dobbie Avenue	1.06
Trueman Street	Washington Avenue	Jamison Avenue	0.08
Tweed Avenue	Stadacona Street	Elmwood Road	0.65
Union Avenue	Brazier Avenue	End East of Watt	0.80
Uxbridge Road	Mclvor Avenue	Radium Cove	0.09
Uxbridge Road	Bonner Avenue	End S/Algonquin	0.40
Valhalla Drive	Henderson Highway	End West	0.27
Vryenhoek Crescent	DeGraff Place	Eade Crescent	0.76
Vryenhoek Place	Vryenhoek Crescent	End North	0.12
Washington Avenue	Henderson Highway	Raleigh Street	1.52
Wiebe's Drive	Algonquin Avenue	Bonner Avenue	0.39
Wilfred Knowles Bay	Headmaster Row	End South	0.05
Willart Place	Pentland Street	End West	0.05
William Dixon Bay	Headmaster Row	End South	0.02
William Newton Ave.	Stadacona Street	Elmwood Road	0.72
Willowdale Place	Kildonan Drive	Larchdale Crescent	0.15
Winmart Cove	Mclvor Avenue	End South	0.06
Winters Way	Pentland Stret	End East	0.03
Winterton Avenue	Henderson Highway	Watt Street	1.05
Woodvale Street	Rossmere Crescent	Helmsdale Avenue	1.62
Zacharias Place	Zeglinski Crescent	End North	0.03
Zeglinski Crescent	Chopin Boulevard	Wiebe's Drive	0.36
Total			106.55

APPENDIX “A”
Section C (SOUTH AREA) – PRIORITY 2

Street	From	To	Length (km)
Argue St.	Lilac St.	Berwick Pl.	0.37
Beresford	Daly	Cockburn	0.35
Berwick Pl.	Argue St.	Daly St	0.41
Brandon	Churchill	Osborne	0.25
Bus Loop	Eccles	Clare	0.10
Churchill	Brandon	Eccles North	0.72
Churchill*	Eccles South	Cockburn	1.91
Cockburn	Wellington Cr.	Pembina	0.88
Cockburn	Rathgar	Churchill	0.38
Daly	Morley	Beresford	0.49
Eccles	Churchill	Churchill	0.92
Fleet	Stafford	Pembina	1.14
Lilac	Grosvenor	Pembina	1.40
Lilac	Argue St.	Jubilee	0.10
Morley	Eccles	Daly	1.45
Nassau	Roslyn Rd.	Stradbrook	0.39
Rathgar	Daly	Cockburn	0.35
Roslyn Rd.	Osborne	Nassau	0.26
Scott	River	Stradbrook	0.19
Scott	Stradbrook	Donald	0.31
		Total	12.37

APPENDIX “A”
Section C (SOUTH AREA) – PRIORITY 3

Street	From	To	Length (km)
Arbuthnot	Wellington Cr.	Scotland	1.01
Argue	Beresford	South End	0.32
Arnold	Eccles	Hugo	1.61
Ashland	Churchill	Osborne	1.23
Balfour	Eccles	Osborne	0.93
Balfour	Darling	Churchill	0.13
Baltimore	Churchill	Osborne	1.27
Bartlett	Eccles	Osborne	0.93
Beresford	Cockburn	Argue	0.47
Beresford	Osborne	Daly	0.52
Berwick Pl	Berwick Pl	Berwick Pl	0.13
Brandon	Osborne	Lane West	0.41
Carlaw	Osborne	Daly	0.52
Casey	Arnold	Morley	0.08
Casey	Morley	Churchill	1.03
Churchill	Eccles North	Eccles South	1.32
Clare	Eccles	Osborne	0.93
Cockburn	Kylemore	Rathgar	0.16
Daly	Beresford	Churchill	0.38
Daly	Carlaw	Morley	0.25
Don	East Limit	Osborne	0.09
Fisher	Arnold	Churchill	1.08
Fortune	Stinson	South End	0.04
Glasgow	East Limit	Osborne	0.13
Hay	Brandon	Montgomery	1.17
Hethrington	Osborne	West Limit	0.60
Kylemore	Osborne	Cockburn	0.91
Mable	Arnold	Montgomery	0.91
Maplewood	Eccles	Osborne	0.94
McNaughton	Osborne	Daly	0.51
Montague	Osborne	Churchill	0.44

APPENDIX “A”
Section C (SOUTH AREA) – PRIORITY 3

Street	From	To	Length (km)
Montgomery	Churchill	Osborne	0.87
Morley	Daly	Hugo	0.16
Mulvey East	East Limit	Osborne	0.08
Nassau	Brandon	Montague	1.18
Oakwood	Darling	Osborne	1.11
Rathgar	Osborne	Daly	0.52
Rathgar	Cockburn	Argue	0.34
Rosedale	Osborne	Argue	1.43
Stinson	Daly	Taft	0.17
Taft Cr.	Nassau	Lane South	0.15
Togo	East Limit	Osborne	0.10
Walker	Osborne	Argue	1.12
Wavell	Fisher	Osborne	0.55
Woodward	East Limit E/Osborne	West Limit W/Osborne	0.36
Arbuthnot	Weatherdon	Pembina	0.16
Arctic	Stradbrook	Bell	0.07
Avonherst	Harvard	Yale	0.12
Bell	Main	Clarke	0.25
Bole	River	Lane South	0.11
Bryce	River	Lane South	0.12
Bryce	Roslyn Road	River	0.09
Carter	Stafford	Pembina	0.57
Cauchon	River	Lane South	0.11
Clarke	River	Donald	0.15
Daly	Wardlaw	Lorette	0.88
Dorchester	Stafford	Wellington Cr.	0.62
Dudley	Stafford	Arbuthnot	0.50
Dudley	W. Limit	E. Limit	0.43
Ebby	Stafford	East Limit	0.43
Evergreen	Roslyn Rd.	North Limit	0.07
Fleet	Pembina	East Limit	0.11
Garwood	Stafford	Arbuthnot	0.50

APPENDIX “A”
Section C (SOUTH AREA) – PRIORITY 3

Street	From	To	Length (km)
Garwood	Cockburn	E. Limit	0.48
Gerard	River	Lane South	0.12
Gertrude	Wellington Cr.	Donald	1.09
Harvard	Stafford	Ruskin Row	0.22
Hector	Stafford	Pembina Hwy.	0.47
Hugo	Wellington Cr.	Pembina Hwy.	0.83
Jackson	Stafford	Pembina Hwy.	0.28
Jackson	Pembina Hwy.	East Limit	0.13
Jessie	Stafford	East Limit	1.67
Kingsway	Stafford	Wellington Cr.	0.36
Lagopoulos	Donald	East Limit	0.21
Lewis	River	Lane South	0.12
Lorette	Stafford	Daly	0.97
Mayfair	River	East Limit	0.20
McMillan	Stafford	Osborne	1.33
Mulvey	Stafford	East Limit	1.27
Nassau	Stradbrook	Pembina Hwy.	0.63
Nassau	Pembina Hwy.	East Limit	0.13
Norquay	River	Lane South	0.12
Palk	Wellington Cr.	Ruskin Row	0.15
Pulford	River	Lane South	0.12
River	Harkness	East Limit	0.22
Roslyn Rd.	East Limit	Osborne	0.36
Roslyn Cr.	Roslyn Rd.	Roslyn Rd.	0.30
Roslyn Rd.	Nassau	Roslyn Cr.	0.17
Ruskin Row	Grosvenor	Kingsway	0.38
Scotland	Stafford	East Limit	0.83
Wardlaw	Wellington Cr.	Donald	1.01
Warsaw	Stafford	East Limit	1.49
Weatherdon	Stafford	Pembina	0.65
Wentworth	L/N Grosvenor	Pembina	1.51
Wilmot	North Limit	South Limit	0.20

APPENDIX "A"
Section C (SOUTH AREA) – PRIORITY 3

Street	From	To	Length (km)
Wood	Bell	South Lane	0.05
Yale	Avonherst	Ruskin Row	0.11
Yale	Stafford	Avonherst	0.18
		Total	52.24

APPENDIX "B"

By-Law No. 4427/86 (By-Law to Amend Traffic By-Law No. 1573/77)

Section 33(1) and 33(2) of By-Law No. 4427/86 states that:

- 33(1) "Except when otherwise directed by a peace officer, no person shall park or leave unattended, a vehicle on any portion of a street between the hours of 10:00 p.m. and 7:00 a.m. of the following day or between the hours of 9:00 a.m. and 5:00 p.m. of any day, when signs have been erected indicating that street Work is under way or is to be commenced at the time first indicated on the sign.
- 33(2) "The signs referred to in Sub-Section (1) shall be erected on the portions of the highway to be affected by the street Work (a) by 4:00 p.m. on the day that the said street Work is to commence when Work is to be carried out between 10:00 p.m. and 7:00 a.m. of the following day, or (b) after 5:00 p.m. and prior to 9:00 p.m. on the day before, when Work is to be carried out between 9:00 a.m. and 5:00 p.m. of the following day."

APPENDIX "C"

PROCEDURE FOR PLACEMENT OF TEMPORARY "NO PARKING" SIGNS

Procedure No. P91-01

Page 1 of 3

SUBJECT: PLACEMENT OF TEMPORARY "NO PARKING" SIGNS

PURPOSE:

To ensure the proper use of temporary "No Parking" signs during snow removal and street cleaning operations.

PROCEDURE:

1.0 **SIGN PLACEMENT**

1.1 **Timing**

- (a) Temporary "No Parking" signs used to prohibit vehicle parking on streets between the hours of 10:00 p.m. and 7:00 a.m. of the following day must be erected by 4:00 p.m. on the day the Work is to be carried out.
- (b) Temporary "No Parking" signs used to prohibit vehicle parking on streets between the hours of 9:00 a.m. and 5:00 p.m. of any day must be erected after 5:00 p.m. and prior to 9:00 p.m. on the day before.
- (c) In high density residential areas, street Work should be done on an "Alternate Street" basis.

1.2 **Spacing**

- (a) The first sign at each location shall be erected approximately 15 metres from the street or lane intersection that traffic on the signed side of the street first approaches.
- (b) The maximum spacing between temporary "No Parking" signs shall be 60 metres.
- (c) Intersection with another street or public lane ends the parking ban. Any continuation of signing shall be in accordance with 1.2(a) and 1.2(b).
- (d) Both sides of one-way streets shall be signed if parking is permitted on both sides.

1.3 **Alignment**

Temporary "No Parking" signs shall be erected in visible unobstructed locations and at an angle to face oncoming traffic.

APPENDIX "C" (cont'd)

PROCEDURE FOR PLACEMENT OF TEMPORARY "NO PARKING" SIGNS

Procedure No. P91-01

Page 2 of 3

SUBJECT: PLACEMENT OF TEMPORARY "NO PARKING" SIGNS

2.0 **ENFORCEMENT**

2.1 **Parked Vehicle Report**

District staff will prepare a "Parked Vehicle Report" recording the necessary information for all vehicles parked prior to the placement of the temporary "No Parking" signs.

Information required is as follows:

- (a) Date
- (b) Time of sign placement
- (c) Location (street number preferred)
- (d) License plate number
- (e) Vehicle description (make, colour, etc.)
- (f) Foreman's name and signature

Information must be written in a clear and legible manner.

2.2 **Street Work List**

District staff will prepare a prioritized list of streets to be cleared/cleaned during the next shift for the information of the Police Department. This listing shall be a starting point.

2.3 **Commissionaires**

- (a) The Parked Vehicle Report and the Street Work List shall be faxed to the Commissionaires, c/o Traffic Division, FAX No. 942-4932 at the earliest opportunity.

The top of each page shall be marked as follows:

"For Commissionaires Use"

APPENDIX "C" (cont'd)

PROCEDURE FOR PLACEMENT OF TEMPORARY "NO PARKING" SIGNS

Procedure No. P91-01
Page 3 of 3

SUBJECT:	PLACEMENT OF TEMPORARY "NO PARKING" SIGNS	
2.0	<p><u>ENFORCEMENT</u> (cont'd)</p> <p style="margin-left: 40px;">2.3 (cont'd)</p> <p style="margin-left: 80px;">(b) All Commissionaires have police radios in their vehicles and contact and/or inquiries can be made through their office at 986-6281. If there is no answer at these numbers, contact can be made through the District Police stations.</p> <p style="margin-left: 40px;">2.4 <u>Towing</u></p> <p style="margin-left: 80px;">(a) Vehicles parked on the street after the signs have been erected and still parked on the street during the time period displayed on the temporary signs, will be ticketed by the Commissionaires and towed to a compound at the vehicle owner's expense.</p> <p style="margin-left: 80px;">(b) Vehicles that were parked prior to sign placement and still parked when Work commences shall be towed "around the corner" by the Operations Department under the coordination of the District By-Law Enforcement Officer, or his designate, and no tickets shall be issued.</p> <p style="margin-left: 40px;">2.5 <u>Sign Removal</u></p> <p style="margin-left: 80px;">When signs are removed, the location of all signs that are down or missing shall be recorded to assist in complaint resolution.</p>	
3.0	<p><u>REFERENCE</u></p> <p style="margin-left: 40px;">By-Law No. 4427/86 (A By-Law to Amend Traffic By-Law No. 1573/77)</p>	
<u>Date of Issue:</u>	<u>Supersedes Issue of:</u>	APPROVED:
March 25, 1991	NEW	<u>ORIGINAL SIGNED BY</u> G. K. Stewart, P. Eng. Director of Operations