
City of Rochester, New York



Contract Proposal Book for

HAZARDOUS SIDEWALK REPLACEMENT PROGRAM

Southeast Quadrant Contract 2016 Phase 2

Project No. 16121

Department of Environmental Services
Bureau of Architecture and Engineering Services

James R. McIntosh, P.E., City Engineer

Issued: 07-25-2016

THIS CONTRACT CONTAINS AN INCENTIVE PROGRAM
FOR EMPLOYING QUALIFIED CITY RESIDENTS

THIS CONTRACT CONTAINS M/WBE AND APPRENTICESHIP TRAINING REQUIREMENTS

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PROJECT SUMMARY

PROJECT TITLE

Street Improvement Program

HAZARDOUS SIDEWALK REPLACEMENT PROGRAM (Southeast Quadrant Contract 2016 Phase 2)

Project No. 16121

PROJECT DESCRIPTION

This Project consists **Hazardous Sidewalk Replacement within the Southeast Quadrant.**

This project consists of improving existing sidewalk conditions by removing and replacing, or where possible, repairing sidewalk flags at various locations within a portion of the Southeast Quadrant of the City of Rochester, referred to as the Target Quadrant, and other areas outside of the Target Areas as ordered by the Project Manager. Refer to the Construction Notes section (CN pages) of this document for the boundaries of the Quadrant area.

A sequential listing will be provided for locating proposed sidewalk flags in need of improvement at the time of contract award. The contractor shall proceed in ascending section order or in a sequence so ordered by the Project Manager. A map illustrating the areas scheduled for sidewalk repair is given within the Construction Notes section of this contract document. Maps are available at City Hall, 30 Church Street, Rochester, New York, in Room 300B for viewing quadrant section locations. Additional requests for sidewalk repairs within the Southeast Quadrant will be received throughout the time period of this contract. Additional sidewalk repairs will be added to this contract and must be completed prior to the end of the contract period.

This project includes 2 Bid Add Alternates. Bid Add Alternate 1 is for improving existing sidewalk conditions within the Center City (Southeast Quadrant 15) by removing and replacing, or where possible, repairing sidewalk flags at various locations within the Center City. Bid Add Alternate 2 is for replacement of damaged stamped, colored concrete walks on the Art Walk in the Neighborhood of the Arts along University Avenue.

Notice to Proceed with construction activities is anticipated in August 2016. The Construction Notes section of this Contract contains a suggested repair order. The Contract must be completed within 270 calendar days. All Construction is to be completed by September 1, 2017, including a winter shutdown if necessary.

PROJECT DESIGN

City of Rochester, New York
Department of Environmental Services
Bureau of Architecture and Engineering, Street Design
James R. McIntosh, P.E., City Engineer

CONTRACT TYPE

This is a UNIT PRICE contract.

CONTRACT DOCUMENTS

- . *City of Rochester Standard Construction Contract Documents, November 1, 1991 Edition*
- B. *NYSDOT Standard Specifications (US Customary Units) latest edition – with specifications as referenced*
- C. Contract Proposal Book for **HAZARDOUS SIDEWALK REPLACEMENT PROGRAM**
- D. Contract Proposal Forms for **HAZARDOUS SIDEWALK REPLACEMENT PROGRAM**

WORK BY OTHERS

The intent of the “WORK BY OTHERS” portion of the Project Summary section is to advise the prospective Bidder of any anticipated work to be done by others for informational and coordination purposes. The information is furnished solely for the convenience of the Contractor, without any warranty expressed or implied as to its accuracy or completeness.

No other work is anticipated at this time.

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SUPPLEMENTARY INSTRUCTIONS TO BIDDERS

These Supplementary Instructions to Bidders amend or supplement the Instructions to Bidders of the City of Rochester Standard Construction Contract Documents and other provisions of the City's Contract Documents as are indicated below. All provisions which are not so amended remain in full force and effect.

A. RECENT CHANGES TO THE CONTRACT DOCUMENTS

The following is a brief recap of the major changes that have been made to the Contract Documents:

- **Revised** the minimum coverage limits of Subsection STC 4.2.1 B 4) Umbrella Excess Liability of the General Terms and Conditions (12/1/2015)
- **Added** Subsection STC 6-21 Buy America to the General Terms and Conditions (12/1/2015)
- **Revised** the Bid Bond requirements of Subsection SIB 5 Requirements for Bid Deposit of the Instructions to Bidders, and Subsection STC 4.1 Bonds of the General Terms and Conditions (8/11/2015)
- **Revised** the Performance and Payment Bond requirements of Subsection SIB 14 Execution of the Agreement of the Instructions to Bidders, and Subsection STC 4.1 Bonds of the General Terms and Conditions (8/11/2015)
- **Revised** the Progress Payment requirements of Subsection STC 13.3 Review of Applications for Progress Payments (8/11/2015)
- **Revised** the Insurance Requirements of Subsections STC 4.2 Insurance and STC 4.3 Contractual Liability Insurance of the General Terms and Conditions (7/15/2015)

An incomplete bid package that is missing the required forms will be declared informal and will not be considered for award.

No required apprenticeship material will be accepted after Bids have been opened.

The Bidder should familiarize themselves not only with these major changes, but also should thoroughly review all of the Contract Documents as other minor changes may also have been made that are not specifically noted herein.

The Bidder is to comply not only with these new requirements, but with all of the other requirements that are listed within the Contract Documents.

B. PROJECT SPECIFIC INFORMATION

1. Pre-Bid Conference

A pre-bid conference will be held on **August 2 at 10 a.m.** in Room 321B, City Hall, 30 Church Street, Rochester, New York 14614.

All Bidders are urged to attend so that their bid is not rejected due to lack of adequate documentation. Any statements made at the pre-bid meeting do not constitute changes in the Contract Documents. Amendments to the Contract Documents can only be accomplished by means of addenda issued by the City Engineer.

2. Time and Location of Bid Opening

Sealed Proposals for the following improvement:

HAZARDOUS SIDEWALK REPLACEMENT PROGRAM (Southeast Quadrant Contract 2016 Phase 2)
Project No. **16121**

endorsed with the name of the Bidder and stating the Bidder's address must be received by the Office of the Purchasing Agent, City Hall Room 105-A, 30 Church Street, Rochester, NY 14614 prior to the Bid opening. The Bid opening is scheduled at **2 p.m. local time on Tuesday, August 16, 2016**, at City Hall, 30 Church Street, Rochester, NY, at which time and place all Bids will be publicly opened, read and recorded. When the Bidder submits their Bid, the Purchasing Office will inform the Bidder of the room location where the Bids will be opened.

3. Apprenticeship and Subcontractor Data, M/WBE Form P

Submit Apprenticeship Agreements and Subcontractor Data as required by SIB-9 and SLR-17, and M/WBE Form P pages 1 and 2 with the bid as required by SIB-9 and SLR-19.

Complete and sign the checklist on page P-5a of the proposal and submit all required documents. The City will reject bids that lack any of the required documents.

4. Incentive Program for Employing Qualified City Residents

Indicate on page P-5A of the proposal if you expect to submit an application for the incentive program payment after the project is completed. Checking the box on page P-5A does not obligate the bidder to submit an application for payment, but will be used by the City to budget for this additional cost.

5. Start and Completion of the Work

The Contractor will start the work within ten (10) days of receipt of the written Notice to Proceed as issued by the City Engineer.

The Contractor shall complete the work within **One Hundred and Eighty (180)** calendar days from the date the Notice to Proceed was issued less the number of days by which one (1) or more of the following submittals are overdue: Completed M/WBE Utilization Forms; performance and payment bonds required by Article 4.1.2 of the General Terms and Conditions; and certificates of insurance required by Article 4.2 of the General Terms and Conditions, and Section 13.3 of the Supplementary Terms and Conditions.

C. MODIFICATIONS TO THE INSTRUCTIONS ON THE USE OF THE STANDARD CONSTRUCTION CONTRACT DOCUMENTS

SIN 1. Standard and Supplementary Documents

Delete the fourth paragraph of Subsection 1 Standard and Supplementary Documents on page IN-1 in its entirety, and **Replace** with the following:

The Supplementary Documents pertain to specific conditions that exist for a particular Project and list any deviations from the Standard Documents. When a Bidder purchases Supplementary Documents from the City of Rochester for a particular Project, the Bidder will receive one (1) set of Proposal sheets. This set of Proposal sheets is bound separately from but included with the Contract Proposal Book. The Bidder shall submit this set of Proposal sheets along with a bid bond as the bid.

D. MODIFICATIONS TO THE INSTRUCTIONS TO BIDDERS

SIB 2. Qualifications of Bidders

Add the following at the end of Subsection 2 Qualifications of Bidders on page IB-1:

Upon request by the City of Rochester (City Engineer or Purchasing Agent), Bidders will be required to fill out a Confidential Questionnaire - Statement of Bidder's Qualifications. The Confidential Questionnaire is not attached to the Proposal as stated on Page IB-1, Subsection 2. Qualifications of Bidders of the Instruction to Bidders in the *City of Rochester Standard Construction Contract Documents, November 1, 1991, Edition*.

In the event that the City shall require certified supporting data regarding the qualifications of the Bidder in order to determine whether the Bidder is a responsible Bidder, the Bidder will be required to complete and furnish a Confidential Questionnaire within forty-eight (48) hours of the request by the City Engineer or Purchasing Agent. On the Confidential Questionnaire the Bidder will be required to list:

- a. The Bidder's performance record;
- b. The address and description of the Bidder's plant and place of business, principals of the firm and detailed account of work committed;
- c. An itemized list of equipment in inventory. Such list shall include the age and condition of the equipment;
- d. Dollar value of the largest contract that the Bidder has been awarded and completed within the last 5 years;
- e. Description of other contract work the Bidder is engaged in at present time;
- f. Manner in which the Bidder inspected this Project;
- g. Names and experience of personnel responsible for field work on this Project;
- h. Description and dollar value of work to be performed on site with the Bidder's forces;
- i. Number of the Bidder's workers to be assigned to this Project;
- j. Name of the Bidder's bonding company;
- k. Description and dollar value of work to be sublet;
- l. A description of any similar projects which the Bidder has constructed in a satisfactory manner and other pertinent information;
- m. Type of equipment to be rented for this Project.

The City Engineer or Purchasing Agent may also request the Bidder to furnish within forty-eight (48) hours a certified or authenticated financial statement, dated within thirty (30) days prior to the opening of bids. The City may require that any items be further verified. The Bidder agrees to permit the City to verify the line of credit extended to the Bidder by banks or other financial institutions. The City may also use the services of a national mercantile agency such as Dunn & Bradstreet, Inc, in checking financial responsibility. The Bidder agrees further that the City will incur no liability as a result of this procedure. A copy of the Confidential Questionnaire is available in the City of Rochester Purchasing Office, City Hall.

SIB 3. Inspections and Review of Contract Documents before Submitting Bid

Add the following at the end of Subsection 3 Inspections and Review of Contract Documents Before Submitting Bid on page IB-1:

The following Contract Documents shall be components of the Agreement between the City of Rochester and the Contractor by reference:

- a. *The City of Rochester Standard Construction Contract Documents, November 1, 1991, Edition:*
 1. Instructions on the Use of the Standard Construction Contract Documents (pages IN-1 thru IN-3)
 2. Instructions to Bidders (pages IB-1 thru IB-6)
 3. Bonds and Insurance Forms (pages BI-1 thru BI-10)
 4. Laws and Regulations (pages LR-1 thru LR-7)
 5. General Terms and Conditions (pages GC-1 thru GC-55)
 6. Specifications (pages S-1 thru S-266)
 7. Details (No.R206-1 thru R917-3)
- b. *NYS DOT Standard Specifications (US Customary Units)* latest edition, specifications as referenced.
- c. Notice to Bidders (Advertisement)
- d. The Contract Proposal Book:
 1. Project Summary
 2. Supplementary Instructions to Bidders (pages SIB-1 thru SIB-9)
 3. Proposal (pages P-1 thru P-15)
 4. Supplementary Laws and Regulations (pages SLR-1 thru SLR-24)
 5. Supplementary Terms and Conditions (pages STC-1 thru STC-11)
 6. Supplementary Specifications (pages SS-1 thru SS-28)
 7. Construction Notes (pages CN-1 thru CN-125)
- e. Additional Contract Documents:
 1. Addenda (as issued)
 2. Agreement, Bonds and Insurance Forms (pages A-1 thru A-11)
 3. Any Change Orders Issued after execution of this Agreement

The City of Rochester Standard Construction Contract Documents, November 1, 1991, Edition is issued separately in a bound volume. Copies of this book can be purchased from the City of Rochester Purchasing Office, City Hall, for \$25.00.

Certain Supplementary Specifications may make reference to *NYSDOT Standard Specifications (US Customary Units)* latest edition. Copies of this book may be obtained by contacting NYSDOT Plan and Publication Sales, (518) 457-2124.

The Water Bureau maintains a list of pre-approved materials for use on all construction projects. It is recommended that the Bidder obtain a copy of this list before preparing and submitting a bid. Copies of this list may be obtained either by calling the Water Bureau, at (585) 428-7569, or on the City of Rochester's website, under Services – Contracts, Bids, RFPs – Public Works Construction Documents, Water System Useful Documents, Water Approved Products List.

Any conflicts or questions between these documents are to be identified by the Bidder at the pre-bid meeting.

SIB 5. Requirements for Bid Deposit

Add the following after the first paragraph of Subsection 5 Requirements for Bid Deposit on page IB-2:

A Bid Deposit will not be required for bids less than \$100,000 unless specified in the bid documents.

SIB 6. Subcontractors and Assignments

Add the following after the first paragraph of Subsection 6 Subcontractors and Assignments on page IB-2:

The Contractor shall perform with its own organization contract work amounting to not less than twenty percent (20%) of the original total contract bid price, except that any items designated by the City as "Specialty Items" may be performed by subcontract and the amount of any such "Specialty Items" so performed may be deducted from the original total contract bid price before computing the amount of work required to be performed by the Contractor with its own organization. The contract amount upon which the twenty percent (20%) requirement is computed includes the cost of materials and manufactured products which are to be purchased or produced by the Contractor under the contract provisions.

"Its own organization" shall be construed to include only workers employed and paid directly by the Contractor and equipment owned or rented by it, with or without operators. Employee leasing and other similar arrangements under which workers are employed by a service organization are not considered part of the Contractor's "own organization".

"Specialty Items" shall be construed to be limited to work that requires specialized knowledge, skill or equipment not ordinarily available in contracting organizations qualified to bid on the contract as a whole, and in general are to be limited to minor components of the overall contract.

SIB 9. Requirements for Preparation and Submission of Bids

Add the following after the first paragraph of Subsection 9 Requirements for Preparation and Submission of Bids on page IB-3:

No Bidder will be allowed to price unit items in increments less than one hundredths of a dollar (\$0.01). Bidders must assign unit prices to the nearest penny (\$0.01). Submission of unit prices in increments of less than one hundredths of a dollar (\$0.01) will result in those increments being dropped from the unit prices and the total cost for that unit item recalculated, and the subtotal and total base bids adjusted accordingly. Figures will not be rounded up or down. For example, a unit price submission of \$1.759 will be considered a bid of \$1.75.

Add the following after the fifth paragraph of Subsection 9 Requirements for Preparation and Submission of Bids on page IB-3:

Submit with the Proposal, copies of the appropriate apprenticeship agreements for the Bidder, Bidder's Form AT-10 or if not self-sponsoring the apprenticeship program, Form AP3 and the associated Form AT-10, Form AP1 and appropriate Subcontractor apprenticeship agreements as required by the Rules and Regulations for the "Apprenticeship Training Program for Construction Projects", if:

1. This contract involves work described in the Rules and Regulations for the "Apprenticeship Training Program for Construction Projects"; and
2. The amount of the contract to be awarded is in excess of \$250,000. If any add/deduct alternates alone or in combination with the base bid could result in a contract amount award that exceeds \$250,000, regardless of the base bid amount, submit the apprenticeship documentation.

A Contractor who submits a bid for such a City contract shall include with its bid package the following complete apprenticeship documents which meet the requirements of these Rules and Regulations:

1. Bidder's Form AT-10 or, if not self-sponsoring the apprenticeship program, Form AP3 and the associated Form AT-10.
2. Bidder's Form AP1.

Submit with the Proposal the complete Subcontractor apprenticeship documents:

1. Subcontractor's Form AT-10 or, if not self-sponsoring the apprenticeship program, Form AP3 and the associated Form AT-10.

If no such subcontracts are proposed which exceed \$100,000 in value, submit the completed City Form AP1 with the word "NONE" inserted under "Subcontract Scope of Work or Work Items" column for subcontractors.

An incomplete bid package that is missing the required forms will be declared informal and will not be considered for award. No required apprenticeship material will be accepted after Bids have been opened.

The apprenticeship agreement requirement also applies to subcontracts proposed following contract award; see the Rules and Regulations for the “Apprenticeship Training Program for Construction Projects” for details.

The Rules and Regulations for the “Apprenticeship Training Program for Construction Projects” are included in the Supplementary Laws and Regulations section, pages SLR-3 thru SLR-10. An Excel spreadsheet version of City Form AP1 is available for download from the City of Rochester’s website, under Services – Contracts, Bids, RFPs – Public Works Construction Documents.

Add the following after the fifth paragraph of Subsection 9 Requirements for Preparation and Submission of Bids on page IB-3:

Submit with the Proposal, M/WBE Form P pages 1 and 2.

SIB 11. Owner’s Discretion to Accept, Reject, or Waive Bid

Add the following under paragraph 3 of Subsection 11 Owner’s Discretion to Accept, Reject, or Waive Bid on page IB-5:

J. Failure to submit Apprenticeship Agreements in accordance with the Rules and Regulations for the “Apprenticeship Training Program for Construction Projects”. See the Supplementary Laws and Regulations section, pages SLR-3 thru SLR-9.

K. Failure to submit M/WBE Form P pages 1 and 2.

SIB 12. Basis of Award

Delete Subsection 12 Basis of Award on page IB-6 in its entirety, and **Replace** with the following:

The contract will be awarded to the lowest responsible Bidder complying with all of the provisions of the Instructions to Bidders and the Supplementary Instructions to Bidders.

The City of Rochester requires any Contractor, prior to entering into a construction contract with the City of Rochester, to have an M/WBE Utilization Plan submitted to and approved by the City.

The City of Rochester requires any Contractor, prior to entering into a construction contract with the City of Rochester, to have apprenticeship agreements, appropriate for the type and scope of work to be performed, which have been registered with and approved by the New York State Commissioner of Labor in accordance with Article 23 of the New York State Labor Law. The Bidder must submit complete and appropriate apprenticeship documentation with the Bid proposal.

For purposes of this article, Contractor shall mean an entity which directly employs labor under a construction contract. A construction contract shall mean a City of Rochester public works contract for an amount in excess of \$250,000 for construction, reconstruction, or improvement of any building, facility or physical structure of any kind, or any subcontract thereto which exceeds \$100,000 in value.

The Rules and Regulations for the “Apprenticeship Utilization Requirement” are included in the Supplementary Laws and Regulations section, pages SLR-3 thru SLR-10.

The City may conduct such investigations as it may deem necessary to assist in the evaluation of any bid and to establish the responsibility, qualifications and financial ability of the Bidders, in accordance with the Contract Documents to the City's satisfaction within the prescribed time.

Add the following new subsections after Subsection 13 Notice of Award on page IB-6:

SIB 14. Execution of the Agreement

The successful Bidder shall be required to execute an agreement upon award of the contract. This agreement provides specific information and highlights contract requirements in the General Terms and Conditions of the *City of Rochester Standard Construction Contract Documents, November 1, 1991, Edition*. The following articles are included in this agreement:

- Article 1. Scope of Work
- Article 2. City Engineer, Design Professional, Project Manager (responsibilities of in accordance with Article 9)
- Article 3. Contract Time
- Article 4. Liquidated Damages (in accordance with Article 10.4)
- Article 5. Contract Price
- Article 6. Payment Procedures (in accordance with Article 13)
- Article 7. Final Payment (in accordance with Article 14)
- Article 8. Availability of Funds (in accordance with Article 15)
- Article 9. Contractor's Representations (in accordance with Article 9)
- Article 10. Accounting Records (the Contractor shall maintain accounting records in accordance with Article 6.10)
- Article 11. Contract Documents (the Contract Documents that comprise the Agreement shall be the same as those stated under SIB 3.d and SIB 3.e with addenda as issued)
- Article 12. Miscellaneous (terms used in this agreement shall have the meaning as defined in Article 1.1)

A Performance Bond and Payment Bond shall be submitted in accordance with Article 4 Bonds and Insurance of the General Terms and Conditions. Samples of the City forms are available in the *City of Rochester Standard Construction Contract Documents, November 1, 1991, Edition*. Performance and Payment bonds will not be required for contracts less than \$100,000 unless specified in the bid documents.

A Certificate of Insurance shall be submitted in accordance with Article 4 Bonds and Insurance of the General Terms and Conditions. A sample of the Certificate of Insurance Form is in the *City of Rochester Standard Construction Contract Documents, November 1, 1991, Edition*.

In addition the approved M/WBE Utilization Plan and Apprenticeship agreements submitted and accepted by the City shall be incorporated into this agreement, along with any amendments to the M/WBE Utilization Plan and Apprenticeship agreements approved during the period of this agreement.

SIB 15. Incentive Program for Public Works Contracts

The City of Rochester provides an Incentive Program for hiring qualified City residents for public works contracts for which the final contract price is for an amount of \$50,000 or more. The Contractor may apply for a monetary incentive payment of twenty percent (20%) of the gross payroll paid to qualified City residents, provided that that ten percent (10%) or more of the gross payroll for the Project was paid to qualified City residents. Qualified City residents are those who live in certain ZIP codes. Prime contractors and first tier subcontractors may apply for the incentive payments. The Incentive Program is described in detail in the Supplementary Laws and Regulations section, pages SLR-11 thru SLR-14.

SIB 16. Iran Divestment Act

The Iran Divestment Act of 2012 was signed into law on January 13, 2012 and is codified at State Finance Law (SFL) Section 165-a and General Municipal Law (GML) Section 103-G. On July 17, 2012, Chapter 106 of the laws of 2012 was signed into law, extending the Iran Divestment Act to State and local public authorities.

The Iran Divestment Act, with certain exceptions, prohibits the City from entering into contracts with persons or entities engaged in investment activities in the energy sector of Iran. To implement the law, each Bidder is required to certify at the time it submits its bid that it is not on the list of entities engaged in investment activities in Iran (Prohibited Entities List). The list of entities determined to be non-responsive Bidders is maintained by the Commissioner of the NYS Office of General Services pursuant to State Finance Law. If a Bidder is on the Prohibited Entities List, the City will be able to award the contract to that Bidder only in situations where the Bidder is taking steps to cease its investments in Iran or where the Bidder is a necessary sole source.

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SUPPLEMENTARY LAWS AND REGULATIONS

SLR 2. Compliance with Policies Prohibiting Discrimination

The City of Rochester Standard Construction Contract Documents, November 1, 1991, Edition, is modified by City Council Ordinance 93-399 that repealed prior Ordinance 85-133 as follows:

Delete the following Subsection A Anti-Apartheid on page LR-1 in its entirety:

A. Anti-Apartheid

The Council of the City of Rochester, New York has reaffirmed its commitment to racial equality and has established in Ordinance Number 85-133, a policy prohibiting any City agency or department from Contracting goods or services with any company or person who supports a policy of apartheid as defined herein except where competitive bidding is required by the General Municipal Law. The Contractor agrees to not support a policy of apartheid as defined herein.

SUPPORTS A POLICY OF APARTHEID shall mean providing loans directly to, underwriting securities of, advertising or otherwise promoting the sale of gold on behalf of, or otherwise providing financial services to the government of the Republic of South Africa or its agencies.

SLR 3. Compliance with Labor Laws

Add the following after the second paragraph of Subsection 3 Compliance with Labor Laws on page LR-2:

Effective April 27, 2008, in addition to the schedule of wage rates, the Contractor is required to post in a conspicuous location at the Project site the name and contact information of the individual who is responsible to collect certified payrolls and review for facial validity.

SLR 9. Safety and Health Requirements

Delete Subsection B Drilling and Blasting on page LR-3 in its entirety, and **Replace** with the following:

B. Drilling and Blasting

The Contractor shall employ only experienced supervisors and workers in the handling, loading and firing of explosives. The Contractor shall fulfill the requirements of the City of Rochester Fire Prevention Code Chapter 54 regarding explosives and blasting agents which, together with other conditions indicated herein shall provide for the possession, handling, storage, transportation, and use of all explosives used at the site. Overnight storage of explosives within the City limits is prohibited unless a specific authorization of such storage is granted in writing to the Contractor, by the City of Rochester Fire Marshal.

Delete Subsection C Explosives in Demolition on page LR-4 in its entirety, and **Replace** with the following:

C. Explosives in Demolition

Demolition work, subject to requirements of OSHA standards and New York Industrial Code Rule 39 and 53, shall not be performed by the use of explosives unless a specific variation of such use is granted in writing to the Contractor, by the City of Rochester Fire Marshal.

Add the following at the end of Subsection 9 Safety and Health Requirements on page LR-4:

F. OSHA Ten (10) Hour Construction Safety and Health Course Certification

The Contractor shall be responsible for ensuring observance of all OSHA provisions and the State of New York Labor Law, including but not limited to Section 240, pertaining to safe performance of the work. Further, the Contractor shall ensure that the methods of performing the work do not involve undue danger to the personnel employed thereon, the public, and public and private property. Should charges of violation of any of the above be issued to the Contractor in the course of the work a copy of each charge shall be immediately forwarded to the Project Manager.

Where the total cost of all work to be performed under the contract is at least \$250,000, all personnel employed in performance of the work on the Project site, either by the Contractor, Subcontractor, or other person or entity doing or Contracting to do the whole or any part of the work under the contract, shall be certified prior to performing any work on the Project site as having successfully completed a course in construction safety and health that is approved by the United States Department of Labor's Occupational Safety and Health Administration (OSHA) that is at least ten (10) hours in duration.

If the Contractor or any Subcontractor performing work under the contract fails to submit its proof of certification, the City may retain five percent (5%) of payment due the prime Contractor on any progress payment until receipt of proper documentation of certification.

Add the following new subsections after Subsection 16 Content of Sub-Agreements on page LR-7:

SLR 17. Apprenticeship Training Program for Construction Contracts

1. Policy and Regulations.

By Ordinance 2003-347 of the City Council, as amended by Ordinance 2009-76, the City of Rochester established a policy to promote apprenticeship training programs, as authorized by Section 816-b of the New York State Labor Law. This policy applies to any City construction contract for an amount in excess of \$250,000, or if any add/deduct alternates alone or in combination could result in a contract amount award that exceeds \$250,000, regardless of the base bid amount, for construction, reconstruction, or improvement of any building, facility, or physical structure of any kind, and any subcontract thereto in excess of \$100,000. Regulations for the implementation and enforcement of the apprenticeship policy follow.

2. Requirement for Contractors and Subcontractors.

For any bids subject to the apprenticeship requirements as defined in Section 1, the City of Rochester requires the Contractor, prior to entering into the construction contract, and any Subcontractor proposed to perform a subcontract thereto in excess of \$100,000, to have apprenticeship agreements, appropriate for the type and scope of work to be performed and which have been registered with and approved by the New York State Commissioner of Labor in accordance with Article 23 of the New York Labor Law.

3. Submittals with Bid Proposal.

The Bidder shall submit for itself and for any Subcontractor(s) whom the Bidder proposes at the time of the bid to perform a subcontract in excess of \$100,000 in value, copies of the following documents with the bid Proposal for each apprenticeship training program, approved by the New York State Department of Labor, which the Bidder or Subcontractor(s) will need to satisfy the requirements of the Apprenticeship Training Program requirement:

1. If the Bidder is sponsor of an apprenticeship training program, a copy of the Form AT-10, "New York State Department of Labor Apprenticeship Training Program Registration Agreement", issued to the Bidder in approval of that apprenticeship training program.
2. If the Bidder does not self-sponsor an apprenticeship program but is party to an agreement with the sponsor of apprentices who are enrolled in an apprenticeship training program that is sponsored by a trade union, a joint apprenticeship committee, or other organization other than the Bidder,
 - a. An "Agreement to Utilize Apprentices for a City Construction Contract" form (City Form AP3) signed by the Bidder and the apprenticeship training program sponsor; and
 - b. A copy of the current "New York State Department of Labor Apprenticeship Training Program Registration Agreement", Form AT-10, issued to the sponsor in approval of that program.
3. The Bidder shall also submit with the bid package, the following:
 - a. City Form AP1, "Schedule of Subcontracts and Apprenticeship Agreements," a listing of any contractor proposed to hold a subcontract that exceeds \$100,000 in value, including the name of the subcontractor, the scope and value of work proposed to be performed, and the name of any apprenticeship trade for which an approved apprenticeship agreement will be submitted; and

b. Copies of approved apprenticeship agreements as detailed in 2.a and 2.b above that are held by the proposed subcontractors and intended to meet the requirements of the Apprenticeship Training Program.

c. An Excel spreadsheet version of City Form AP1 is available for download from City of Rochester's website, under Services – Contracts, Bids, RFPs – Public Works Construction Documents.

4. Any apprenticeship agreement submitted shall be:

a. Submitted completely with Bid;

b. Current and valid;

c. Represent an apprenticeship training program that is active and in good standing with the New York State Department of Labor; and

d. Appropriate to the scope and nature of the work to be performed under the contract.

5. Submit complete apprenticeship documentation with Bid proposal. An incomplete package will be declared informal and will not be considered for award. No required apprenticeship material will be accepted after Bids have been opened.

4. Enforcement.

If the Bidder fails to comply with the requirements of the "Apprenticeship Training Program for Construction Contracts", the City will deem the Bidder non-responsive and disqualify the Bidder from consideration for the pending contract.

**Agreement to Utilize Apprentices
on a
City of Rochester Construction Contract**

To be used when a Bidder on a City of Rochester construction contract utilizes one or more apprentices supplied by an apprenticeship training program that the Bidder does not sponsor to satisfy the requirements of the City of Rochester Apprenticeship Training Program.

Bidder: _____, "Bidder"

Apprenticeship Training
Program Sponsor: _____,
"Sponsor"

ATTACH VALID NYSDOL AT-10 FORM

City of Rochester
Construction Contract: _____,
"Contract"

The Bidder and sponsor agree as follows:

1. The sponsor will provide the Bidder with one or more apprentices for employment on the contract in the following occupation. Each apprentice is enrolled in an active apprentice training program that is registered with, approved by, and is in good standing with the New York State Department of Labor and has an apprenticeship agreement that has been registered with, and approved by, the New York State Commissioner of Labor in accordance with Article 23 of the New York State Labor Law:

Occupation

2. The Bidder will employ the apprentice(s) to perform work on the contract under terms and conditions applicable to construction contract work in New York State.

Attach a copy of the sponsor's currently valid and signed New York State Department of Labor form AT-10, "Apprentice Training Program Registration Agreement", for the occupation listed above.

ss/ _____
Bidder Representative

ss/ _____
Sponsor Representative

ss/ _____
Date

Date

Apprenticeship Training Program for Construction Contracts RULES AND REGULATIONS

Authorization

These RULES AND REGULATIONS are promulgated under authority of City Ordinance 2003-347, which was adopted by the City Council on October 21, 2003, and amended by Ordinance 2009-76, which was adopted by City Council on March 18, 2009. These Ordinances were enacted under authority granted by Chapter 571 of the Laws of 2001, as codified in Section 816-b of the New York State Labor Law.

Summary of City Ordinance 2003-347, as amended

City Ordinance 2003-347, as amended, makes it the policy of the City of Rochester “to promote apprenticeship training programs.” The scope of the Ordinance includes any construction contracts, as defined in the Ordinance, that are in excess of \$250,000. The Ordinance further requires that the contractors for such a contract and for any subcontract thereto in excess of \$100,000, prior to entering into such public works contracts, “have apprenticeship agreements, appropriate to the type and scope of work to be performed, which have been registered with and approved by the New York State Commissioner of Labor.” The Ordinance authorizes the Commissioner of Environmental Services “to promulgate such rules and regulations necessary and appropriate for the implementation and enforcement of this ordinance.” The Ordinance also requires that the “City shall provide assistance to contractors to its greatest extent possible in obtaining State approval of apprenticeship programs;” Such approval shall be obtained before a contractor submits a bid for a construction contract or is awarded a subcontract.

Definitions

Appendix A contains definitions of terms used. Appendix A is an integral part of these RULES AND REGULATIONS.

Effective Date and Administration

The RULES and REGULATIONS shall be effective for contracts advertised for public bid after January 1, 2004, and, as revised, shall be effective for contracts advertised for public bid after March 19, 2009. They shall be administered by the Commissioner of Environmental Services. Direct inquiries to:

Commissioner of Environmental Services
City of Rochester
30 Church Street, Room 300B
Rochester, NY 14614-1278
(585) 428-6855 office
(585) 428-6010 fax

Application

1. These RULES AND REGULATIONS shall apply to any construction contract in excess of \$250,000, and that is subject to the Rules and Regulations, and to any subcontract thereto in excess of \$100,000. The contract value for determination of application shall be the original contract price, including any items that are bid as alternates and accepted in the original contract or subcontract. Any field changes, made after contract award, made for any reason, shall not be counted in determining if a contract or subcontract exceeds the threshold value.
2. These RULES AND REGULATIONS shall only apply to public works contracts as defined in Appendix A. Accordingly, they shall not apply to any of the following types of contracts:
 - Contracts for the incidental or routine repair, operation or maintenance of any city building, street or street appurtenance, facility or structure and for major repair or maintenance where the City determines that the contract does not afford an opportunity for an apprentice to accumulate a significant amount of required on-the-job training;
 - Contracts for the delivery of public services;
 - Contracts for any professional service, whether associated with a public works construction contract or not;
 - Contracts for the purchase of materials, supplies or equipment;
 - Contracts for the purchase, delivery and/or installation of furnishings, furniture and/or equipment; and
 - Any other contract that does not meet the definition of a construction contract as defined in Appendix A.
3. These RULES AND REGULATIONS shall not apply in the following situations:
 - Any services procured through New York State Contracts as administered by the New York State Office of General Services; and,
 - Any contracts utilizing federal, state, county or other funding assistance to the extent that the funding agency has indicated in writing that use of such funding precludes application of the Apprenticeship Training Program or the City determines that funding provisions make such application impractical. If the agency has an approved program available that provides for or encourages apprenticeship training, the City shall investigate applying that program to the contract and, if feasible, do so to the fullest practical extent.

Procedures

1. A contractor who submits a bid for a City contract for which the contract amount exceeds \$250,000 shall submit with the bid package a copy of the following for each apprentice agreement intended to meet the requirements of this regulation:
 - a. The current New York State Department of Labor Form AT-10, "Apprentice Training Program Registration Agreement," issued to the contractor or other sponsor of the apprentice training program; and
 - b. If the apprentice training program is not sponsored by the contractor, an executed copy of City Apprenticeship Training Program Form AP3, "Agreement to Utilize Apprentices on a City of Rochester Construction Contract."
 - c. The Contractor shall also submit with the bid package the following:
 - (1) A listing of any contractor proposed to hold a subcontract that exceeds \$100,000 in value, including the name of the subcontractor, the scope and value of work proposed to be performed, and the name of any apprenticeship trade for which an approved apprenticeship agreement will be submitted, and
 - (2) Copies of approved apprenticeship agreements intended to meet the requirements of this regulation as detailed in 1.a and 1.b above.

2. A contractor who, subsequent to contract award, proposes to enter subcontract that exceeds \$100,000 in value, shall submit apprenticeship agreements as described in 1a or 1b above with the proposed subcontract documents to the City Project Manager for approval prior to entering the subcontract.
3. The City may verify that any apprenticeship agreement submitted by a contractor is current and valid.
4. If a contractor fails to timely submit valid apprenticeship agreements, the contractor may be deemed to be non-responsive, and may be disqualified from further consideration for the pending contract or subcontract.

Assistance

The City shall provide assistance to contractors to its greatest extent possible in obtaining State approval of apprenticeship programs by:

1. Referral to the New York State Department of Labor Rochester regional office and apprenticeship training representatives for apprenticeship training program sponsorship, referral to State-approved programs, recruitment of apprentices, assistance with program maintenance, and other technical assistance;
2. Supporting programs and activities that encourage or assist contractors to develop or participate in apprenticeship training programs;
3. Other means which may be determined on a case by case basis.

Waivers

1. No waivers shall be provided to the general requirement that contractors have current, valid apprenticeship agreements, appropriate to the scope and nature of the work to be performed under the contract, registered with the New York State Commissioner of Labor. Failure to document such agreements will result in a contractor being deemed non-responsive, and such contractor will be disqualified from consideration for the pending contract.
2. The Commissioner may grant a waiver for an apprenticeship agreement specific to a particular trade that is appropriate to the scope and nature of the work to be performed under the contract if:
 - a. The New York State Department of Labor certifies that no apprenticeship training is available or may be approved for that trade within the Rochester Labor Market by the time of contract award or of any subcontract proposed for approval subsequent to contract award;
 - b. The application of the requirements of the apprenticeship program for City construction contracts would prevent the City or the bidder from obtaining a contractor or subcontractor that is qualified to perform specific contract work, regardless of the price for that work.

Enforcement

If the contractor fails to comply with the requirements of the Apprenticeship Training Program for Construction Contracts, the City will deem the contractor non-responsive and disqualify the contractor from consideration for the pending contract.

Appendix A

Definitions

The following definitions apply to the RULES AND REGULATIONS promulgated herein to provide guidance on the implementation and enforcement of City of Rochester Ordinance 2003-347, as amended. The definitions provided here are an integral part of these RULES AND REGULATIONS.

Alteration - the process of improving real property that adds value to its permanent value and prolongs its intended life appreciably; does not include repair, operation, or routine maintenance of existing real property.

Apprenticeship Agreement - shall be:

- a. The current New York State Department of Labor Form AT-10, "Apprentice Training Program Registration Agreement," issued to the contractor or other sponsor of the apprentice training program; and,
- b. If the apprentice training program is not sponsored by the contractor, an executed copy of City Apprenticeship Utilization Program Form AP3, "Agreement to Utilize Apprentices on a City of Rochester Construction Contract."

Construction contract - shall mean any City public works contract for an amount in excess of \$250,000, or subcontract thereto in excess of \$100,000, for construction, reconstruction or improvement of any building, facility or physical structure of any kind.

Construction - the process of building, altering, or improving any public structure or building, demolition of existing real property, or other public improvement of any kind to any public real property; does not include the operation or routine maintenance and repair of existing real property.

Contractor - shall mean a contractor which directly employs labor under a construction contract or subcontract.

Demolition - the process of taking down or removing a facility or physical structure from real property.

Improvement - the process of alteration or renovation of real property that adds value to its permanent value and prolongs its intended life appreciably, and major maintenance and repair of real property that affords an opportunity for an apprentice to accumulate a significant amount of on-the-job training; does not include the incidental or routine repair, operation, or routine maintenance of existing real property.

Installation - the process of installing material and

equipment in relation to a construction contract as defined above; does not include the operation or routine maintenance and repair of existing real property.

Maintenance and Repair - shall mean the upkeep of real property that neither adds to its permanent value nor prolongs its intended life appreciably, but instead keeps it in an efficient operating condition.

Real Property - is the land and its permanently affixed buildings and structures.

Reconstruction - the process of rebuilding, altering, or improving any public structure or building, or other public improvement of any kind to any public real property; does not include the operation or routine maintenance and repair of existing real property.

Rehabilitation - the process of reconstruction, improvement, alteration, installation, or renovation of real property that adds value to its permanent value and prolongs its intended life appreciably; does not include the operation, or routine maintenance and repair of existing real property.

Renovation - the process of reconstruction, improvement, installation and alteration of real property that adds value to its permanent value and prolongs its intended life appreciably; does not include the operation or routine maintenance and repair of existing real property.

Rochester Labor Market - shall mean those counties served by the Rochester Regional Office of the New York State Department of Labor.

[Note: In January 2004 that area includes the following nine counties: Genesee; Livingston; Monroe; Ontario; Orleans; Seneca; Wayne; Wyoming; and Yates]

Subcontractor - shall mean an individual, partnership, corporation or joint venture to whom the construction contractor sublets any part of the project.

SLR 18. Incentive Program for Public Works Contracts

Section 1 Incentive Program

The City of Rochester will provide an incentive program for hiring City residents residing in certain City zip codes for public works contracts for which the final contract price is for an amount of \$50,000 or more.

The City of Rochester will provide a monetary incentive equal to twenty percent (20%) of gross payroll paid to qualified City residents directly employed by the prime contractor or City approved first-tier subcontractor(s) on this project. A qualified City resident is a person residing in the City in the following zip codes at the time they were employed on this contract: 14604, 14605, 14606, 14608, 14609, 14611, 14613, 14614, and 14621. A listing of City property addresses in the above listed zip codes is available for review at the office of the Purchasing Agent, 30 Church Street, Room 105-A, Rochester, NY, 14614. Employees who live in these zip codes outside the City boundaries do not qualify.

The prime contractor and any first tier subcontractor(s) approved by the City may apply for the incentive program payments. All contract work must have been completed and paid by the City prior to a contractor applying for the incentive program payment.

In order to qualify for the incentive program payment for this project, the contractor must prove that ten percent (10%) or more of the contractor's total gross payroll was paid to qualified City residents.

Section 2 Definitions

Employee – an individual who works for the contractor and for whom wages and benefits reported on a W-2 are paid for work on the specific project for which the incentive program payment is requested.

Residence - the term residence shall be deemed to mean that place where a person maintains a fixed, permanent and principal home and to which that person, wherever temporarily located, always intends to return. To qualify, the residence must be a City of Rochester address.

Resident - the individual residing at the residence.

Qualified City resident - an individual residing at the residence as heretofore defined in City zip codes 14604, 14605, 14606, 14608, 14609, 14611, 14613, 14614, and 14621. In order to be qualified, the individual must reside at the residence during the entire term of the contract for which they were employed.

Contractor - the individual, partnership, corporation or joint venture undertaking the execution of the work with the City under the terms of the Contract Documents, and acting directly or through their or its agents or employees. The term Contractor shall mean a Contractor which directly employs labor under a public works contract and includes City approved first-tier Subcontractors.

Total Gross Payroll - the total payroll dollars paid to Contractor's employees working on the project for which the incentive program payment is requested. Only employees of that Contractor or Subcontractor shall be included for purposes of calculating the incentive program payment to the Contractor or Subcontractor.

City Residents Total Gross Payroll - the total payroll dollars paid to City residents residing in prescribed zip codes for work performed on the project for which an incentive program payment is requested.

Section 3 Documentation Required

To request an incentive program payment the Contractor must submit a request letter and Exhibits A and B as required to the City Director of Finance, 30 Church Street, Room 109-A, Rochester, NY, 14614. The request must be submitted no later than ninety (90) days after the Contractor obtains a certificate of substantial completion and final payment. Proof of wages paid to all employees and wages paid to City residents shall be in the format as per Exhibit A. Each qualified City resident employee must also sign a notarized attestation as per Exhibit B which certifies that the address represented is the permanent and principal place of residency, and that the employee resided at that address during the term of the contract for which the incentive program payment is requested. Any false information provided may lead to the Contractor being found a non-responsible Bidder on subsequent City bids.

The Contractor shall retain payroll data and make available such records, for random audit by the City, for a period of three (3) years.

Prime or first-tier subcontractors on city public works projects may apply for the incentive program payment within ninety (90) days after the City has issued the check for the final payment application to the prime contractor at the close-out of the project. Contractors on qualifying city term contracts must apply for the incentive program payment within ninety (90) days of the end of the contract period. The initial contract and each contract extension (if offered) will be considered a contract period for determining the incentive program payment amount for term contracts. The incentive program request will be paid upon submission, review, and approval of information required per this Section 3. Review by the City will include, but not be limited to, confirmation that employees submitted on the contractor's Exhibit A match the certified payrolls submitted during the contract. The City will issue payment directly to the Contractor and/or Subcontractor(s) upon approval of an incentive program request.

SLR 19. Minority and Women Business Enterprise (M/WBE) Requirements

The City has a Minority and Women Business Enterprise (M/WBE) requirement that ensures participation of African-Americans, Hispanic Americans and Women-owned businesses on City public works projects. Goals are set for each particular group, whether the project is for street/water construction or general/building construction. Contracts that are solely for materials and supplies do not count toward the M/WBE utilization goal.

Included within these bid documents and immediately following this page, are the policy statement, utilization goal, participation plan, participation documents and utilization plan, and good faith effort sections for this contract, and the check list for type of work the City believes may be performed by certified M/WBE's available in the RMSA. However, the City's checklist is provided for informational purposes only and does not relieve the bidder of making a good faith effort to meet the M/WBE Utilization goals for this contract.

A paper copy of the "Minority and Women Business Enterprise (M/WBE) Construction Utilization Goal" documents will no longer be included with City of Rochester bid documents. However, a paper copy of the complete set of the M/WBE documents will be provided to the successful bidder(s) upon award of the contract.

A complete set of the "Minority and Women Business Enterprise (M/WBE) Construction Utilization Goal" documents is available on the City of Rochester's website, and are hereby incorporated by reference. They can be accessed by visiting the City of Rochester's website, under Services – Contracts, Bids, RFPs – Public Works Construction Documents.

Information about M/WBE requirements may be obtained on an advisory basis by contacting the City of Rochester M/WBE Officer at (585) 428-6190.

MINORITY AND WOMEN BUSINESS ENTERPRISE (M/WBE) CONSTRUCTION UTILIZATION GOAL

1. Policy Statement

The City of Rochester has determined, through a study of procurement disparity by ethnic and gender group, that there has been discrimination on the basis of race toward African-American and Hispanic-owned construction businesses and on the basis of sex toward Woman-owned construction businesses. Therefore, in order to remediate this discrimination, City Council Ordinance 92-326 (as amended by Ordinance 94-213) authorizes a policy of affirmative action toward contractors in the above groups whose businesses are located within the Rochester Metropolitan Statistical Area (RMSA). In order to achieve this policy, the City has set an M/WBE utilization goal for each group that shall be applied to each contract. The utilization goals depend upon the particular group and whether the project is for street construction or general construction.

2. M/WBE Utilization Goal

2.1. The M/WBE utilization goals for this contract are 6.7 % for African-American, 2.2 % for Hispanic, and 1.0 % for Women business enterprises of the total dollar amount of this contract.

2.2. Only M/WBE firms that are certified by the State of New York, and located within the Rochester MSA, or otherwise approved by the City's M/WBE Officer can be used to fulfill these utilization goals. The list of City approved State Certified M/WBE firms is found in the directory that can be found on the City of Rochester's website, under Services – Contracts, Bids, RFPs – Public Works Construction Documents.

2.3. If this contract award is less than \$50,000, the Minority and Women Business Enterprise Goals may be a simple composite goal of 9.9 %, fulfill able by any single M/WBE or group of M/WBE's.

2.4. Contracts solely for materials and supplies do not count toward the M/WBE utilization goals.

3. M/WBE Participation Plan

3.1. Bidders must submit with their bid a completed M/WBE Form P – the M/WBE Participation Plan, pages 1 and 2. This Plan indicates the M/WBE subcontractors the bidder intends to utilize if awarded this contract in order to fulfill the M/WBE goals listed in Section 2 above. Form P, Page 1, lists the names of each subcontractor the bidder intends to use, the M/WBE classification, the type of work that the subcontractor will do, the proposed dollar amount of the subcontract and the percentage of the base bid amount. On Form P, Page 2, the bidder must indicate at what stage, or stages, each M/WBE subcontractor is expected to be utilized.

3.2. Only M/WBE firms included in the most current version of the City Approved list of Certified M/WBE Firms in the Rochester Metropolitan Statistical Area provided on the City's web site provided in Section 2.2 will be approved for use in meeting the City's M/WBE utilization goals, unless otherwise approved by the City's M/WBE Officer.

3.3. The M/WBE Participation Plan (Form P) will be used by the City to determine whether or not the bidder has demonstrated the ability to meet the M/WBE goal requirements of this contract. The M/WBE Participation Plan will be reviewed for compliance with the Utilization Goal requirements, including, but not limited to, the certification procedures described below. If Form P does not meet the utilization goal requirements for this contract, the bidder must submit a statement, along with Form P, describing the reasons for not meeting these requirements. Such statement must include demonstration of good faith efforts as defined in Section 5 below.

4. M/WBE Participation Documents and Utilization Plan

4.1. Upon notification by the City, a bidder must submit, within ten (10) calendar days, a completed M/WBE Form A - Schedule of Participation, along with an M/WBE Form B – Intent to perform as a Subcontractor and M/WBE Form C – M/WBE Affidavit for each M/WBE subcontractor. Unless otherwise approved by the City, the subcontractors shown on the M/WBE Participation Plan – Form P must be used in the Schedule of Participation, Form A. Blank copies of these forms are available from the Bureau of Purchasing.

4.2. If the City elects to choose Add or Delete Alternates in addition to the Base Bid, the Form A – Schedule of Participation shall be adjusted to insure that the M/WBE goals are met based upon the total value of the contract award.

4.3. Once approved by the City, the M/WBE Schedule of Participation and related Forms B and C shall constitute the Approved M/WBE Utilization Plan, which shall be the contractual obligation of the Contractor for meeting the M/WBE goal requirements.

4.4. If the total cumulative amount of the contract with the City changes the initial contract award amount by 5% or more based upon the net of all change orders approved by the City during the performance of the contract, the Contractor must submit a revised Form A, and related Forms B and C, and have these approved by the City, in order to insure that the cumulative total of M/WBE subcontracts meets the M/WBE goal requirements of this contract.

4.5. For any subcontract that requires materials and/or supplies as part of the contract, the M/WBE subcontractor must provide a service of installation, connection, set-up, mounting, assembly, construction, erection, raising and/or building using product or material supplied. The M/WBE subcontract cannot be reduced to just providing or passing along materials and/or supplies. If an M/WBE subcontract becomes primarily a materials and/or supplies contract, then the subcontract agreement between prime contractor and the M/WBE shall no longer be considered a bona fide M/WBE subcontract that can count towards fulfillment of the M/WBE utilization goals of this contract.

4.6. If the M/WBE subcontractor participation proposed in Form A does not meet the M/WBE goals of this contract, the bidder must request a waiver based on one or more of the circumstances set forth in Section 5. If the bidder requests a waiver due to M/WBE non-availability, Forms D and E must be submitted. M/WBE Form D provides a list of all M/WBE's who were invited to submit quotes. M/WBE Form E is a certification proving that an M/WBE firm invited to submit a quote declined to do so. Other M/WBE certification forms and/or documentation may be required by the City to verify that a good faith effort was made to meet the utilization goals.

5. Good Faith Effort

5.1. In order to be considered for a waiver of any of the M/WBE goals in this contract, a bidder must demonstrate a good faith effort to obtain M/WBE subcontractors. In judging whether a bidder has made a good faith effort to meet the M/WBE Utilization Goal requirements of this contract, the City will consider the different kinds of effort used as well as the intensity of those efforts.

5.2. Demonstration of a good faith effort should include, but not be limited to, the following actions:

5.2.1. Should attend the pre-bid conference at which bidders are informed of the M/WBE goals.

5.2.2. Should solicit M/WBE's listed in the City approved State Certified M/WBE directory available on the City's web site (referenced above in Section 2.2). Such solicitation must be for appropriate portions of the work which could be performed by MBE and WBE subcontractors, and shall clearly describe the plans and specifications of such work, including providing the opportunity to review plans and specifications. Solicitations should be made a reasonable period (at least one week) before bids or proposals are due.

5.2.3. Should advertise for quotes from MBE's and WBE's in general circulation media and minority and women focused media. Advertisements should appear for a reasonable period (at least one week) before bids or proposals are due.

5.2.4. Should notify appropriate minority and women subcontractor associations in writing within a reasonable period (at least one week) before bids or proposals are due.

5.2.5. Should utilize the services of and cooperate with those organizations providing technical assistance to MBE's and WBE's for running companies and obtaining business, such as the Minority Business Development Center and the SUNY Brockport SBA program.

5.2.6. In the event that the specialized machinery and/or materials/products required to fulfill the contract represents a substantial portion of the cost of the contract, and where the specialized machinery/materials/products can only be supplied by a limited number of non-M/WBE suppliers, the bidder must provide the City with the substantiation for such costs and how this reduces the opportunity to utilize M/WBE subcontractors for this contract.

5.2.7. Should submit all required documentation to the City within the time frames required in these contract documents, including all forms for proposed subcontractors and any other documentation requested by the City.

5.3. The following documentation at a minimum is required to support any request for a waiver to allow for only partially meeting the M/WBE utilization goals:

5.3.1. Attendance at the pre-bid conference for this bid.

5.3.2. Written documentation demonstrating the efforts made to comply with the requirements of Sections 5.2.2 through 5.2.6. above.

5.3.3. Written documentation demonstrating efforts to subcontract with M/WBE's, including names, dates and contact information of all M/WBE firms contacted and solicited, along with their responses, and if not selected, the reasons for such decision.

5.3.4. Written documentation to verify that the bidder gave M/WBE's direct access to, and adequate time to review, all necessary project plans, drawings, specifications and other documents, as well as adequate time to prepare subcontract bids.

5.3.5. Written documentation that the bidder has met the Utilization Goals after adjusting for specialized machinery and/or materials/products as covered in Section 5.2.6.

5.4. Any bidder requesting a waiver from fully meeting the M/WBE Utilization Goals for this contract must meet with the City's M/WBE Officer and/or the City Purchasing Agent if requested to review the good faith effort made by the bidder to meet the Utilization Goals.

5.5. The City's decision as to sufficiency of documentation and/or adequacy of a good faith effort shall be final.

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**M/WBE CONSTRUCTION UTILIZATION REQUIREMENT
FOR CERTIFIED M/WBE's IN THE RMSA
(as of March 23, 2009)**

This list is published to help bidders to identify portions of this project which may be suitable for M/WBE subcontracting. No guarantee of completeness or accuracy can be made.

A check in the first column signifies that the project designer has identified a portion of work which falls into that category and might form the basis for a subcontract.

A check appears in the column if at least one certified African-American, Hispanic-American, or Woman-owned business in the Rochester Metropolitan Statistical Area (RMSA) has stated capability for the type of work listed:

.TYPE OF CERTIFIED M/WBE's

	Type of Work	African-American	Hispanic-American	Woman-Owned
	Acoustical Ceiling/Walls	X	X	X
	Asbestos Removal	X		X
	Building Alterations	X	X	X
	Building Construction	X	X	X
	Bridge & Iron Work	X		X
	Cabinetry	X		
	Carpentry, Plastering	X	X	X
	Carpet Installation	X	X	X
	Caulking & Repointing	X		X
X	Concrete Work	X	X	X
	Construction Photos	X	X	
	Construction Stakeout	X	X	
	Demolition	X	X	
	Drainage Construction	X		
	Drywall Work & Install	X	X	X
	Duct Work	X	X	X
	Electrical Work	X	X	X
	Elevator Work			X
	Excavation/Site Dev	X	X	X
	Fiber-Optic Cabling	X	X	X
	Fire/Security Systems			X
	Gutters	X	X	X
	HVAC, Testing, Balance	X		X
	Hazardous Waste Rm	X		
	Horizontal Boring/Tun			X

	Type of Work	African-American	Hispanic-American	Woman-Owned
	Insulation	X		X
X	Landscape/Hydroseed	X	X	X
	Lead Abatement	X		X
X	Masonry	X		X
	Metal Fabrication	X		X
	Metal Frame Structures	X		X
	Nursery			X
	Painting	X	X	X
X	Paving	X	X	X
	Pavement Marking	X		X
	Pipe Install, Trenchless	X		X
	Plumbing	X		X
	Roofing	X		X
X	Saw Cutting			X
	Sealcoating, Asphalt			X
	Sewer/Water Mains	X	X	X
	Skylights			X
	Steam Cleaning			X
	Steel Erectors	X		X
	Street Construction	X	X	X
	Surveying	X	X	
	Tiling: Floor & Walls	X		X
	Tree Services			X
	Trucking & Services	X	X	X
	Waterproof & Sealing	X		X
	Welding, General	X		X
	Window & Door Install	X	X	X
	Window Treatment & Trim			X
	Window Blinds-Drapes			X

SLR 20. Prevailing Wage Schedule and List of Employers Ineligible to Bid on or be Awarded any Public Work

Paper copies of the "Prevailing Wage Schedule" and "List of Employers Ineligible to Bid on or be Awarded any Public Work" will no longer be included with City of Rochester bid documents. A paper copy of the current documents will be provided to the successful Bidder(s) upon award of the contract.

The "Prevailing Wage Schedule" and "List of Employers Ineligible to Bid on or be Awarded any Public Work" for this contract are available on the New York State Department of Labor's website. They can be accessed by visiting the New York State Department of Labor's website at <http://wpp.labor.state.ny.us/wpp/doFindProject.do?method=showIt>, and entering the assigned PRC# at the proper location on the website. The PRC# can be found on the PW 200 form which immediately follows this page.

Contractors and subcontractors must pay laborers, workers and mechanics employed in the performance of a public work contract not less than the most current prevailing rate of wage and supplements (fringe benefits).

The City of Rochester will not be responsible for any of the Contractor's increased labor costs which result from defects in the Prevailing Wage Schedule provided, or from amendments to the Prevailing Wage Schedule, whether that increase occurs before advertisement, before bid opening, before award of the contract, after the contract has been let, or during construction. No change in the contract price shall be allowed to the Contractor for any such increases.

Information about current wage rates may be obtained on an advisory basis by contacting the City of Rochester Contract Administration office at (585) 428-7398.



Andrew M. Cuomo, Governor

Roberta Reardon, Commissioner

City of Rochester
David Crocker, Contract Administrator
Dept. of Finance
City Hall, Room 106-A
30 Church St.
Rochester NY 14614-1282

Schedule Year 2016
Date Requested 05/09/2016
PRC# 2016004495

Location Various Locations
Project ID#
Project Type Hazardous Sidewalk Replacement Program 2016 Southeast Quadrant Phase 2

PREVAILING WAGE SCHEDULE FOR ARTICLE 8 PUBLIC WORK PROJECT

Attached is the current schedule(s) of the prevailing wage rates and prevailing hourly supplements for the project referenced above. A unique Prevailing Wage Case Number (PRC#) has been assigned to the schedule(s) for your project.

The schedule is effective from July 2016 through June 2017. All updates, corrections, posted on the 1st business day of each month, and future copies of the annual determination are available on the Department's website www.labor.state.ny.us. Updated PDF copies of your schedule can be accessed by entering your assigned PRC# at the proper location on the website.

It is the responsibility of the contracting agency or its agent to annex and make part, the attached schedule, to the specifications for this project, when it is advertised for bids and /or to forward said schedules to the successful bidder(s), immediately upon receipt, in order to insure the proper payment of wages.

Please refer to the "General Provisions of Laws Covering Workers on Public Work Contracts" provided with this schedule, for the specific details relating to other responsibilities of the Department of Jurisdiction.

Upon completion or cancellation of this project, enter the required information and mail **OR** fax this form to the office shown at the bottom of this notice, **OR** fill out the electronic version via the NYSDOL website.

NOTICE OF COMPLETION / CANCELLATION OF PROJECT

Date Completed: _____ Date Cancelled: _____

Name & Title of Representative: _____

Phone: (518) 457-5589 Fax: (518) 485-1870
W. Averell Harriman State Office Campus, Bldg. 12, Room 130, Albany, NY 12240

SUPPLEMENTARY TERMS AND CONDITIONS

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SUPPLEMENTARY TERMS AND CONDITIONS

These Supplementary Terms and Conditions amend or supplement the General Terms and Conditions of the *City of Rochester Standard Construction Contract Documents, November 1, 1991 Edition* and other provisions of the City's Contract Documents as are indicated below. All provisions which are not so amended or supplemented remain in full force and effect.

The terms used in these Supplementary Terms and Conditions which are defined in the General Terms and Conditions of the *City of Rochester Standard Construction Contract Documents, November 1, 1991 Edition* have the meanings assigned to them in the General Terms and Conditions.

STC 1.1 Definitions

Under Article 1 Definitions and Abbreviations Subsection 1.1 Definitions, **Add** the following definitions:

MAJOR ITEM - Any contract pay item in the original bid documents for which the bid unit price multiplied by the estimated item quantity exceeds 2% of the total original contract bid price, or the following Minimum Major Item Value as based on the Original Total Base Bid, whichever is greater:

Original Total Base Bid	Minimum Major Item Value
\$0 - \$249,999	\$2,500
\$250,000 - \$499,999	\$7,500
\$500,000 - \$999,999	\$15,000
\$1,000,000 - \$2,499,999	\$35,000
\$2,500,000 - \$4,999,999	\$75,000
\$5,000,000 - \$9,999,999	\$150,000
\$10,000,000 - \$14,999,999	\$250,000
\$15,000,000 - \$19,999,999	\$350,000
\$20,000,000 and over	\$500,000

MINOR ITEM - Any contract pay item that does not meet the definition of a Major Item.

Under Article 1 Definitions and Abbreviations Subsection 1.1 Definitions, **Add** the following to definition of Substantial Completion:

Restoration work includes replacement of topsoil and full establishment and City acceptance of all turf grasses planted under the contract according to the requirements of the relevant contract specifications.

STC 4.1 Bonds

Under Article 4 Bonds and Insurance Subsection 4.1 Bonds, **Add** the following at the end of 4.1.1 Bid Bonds:

A Bid Deposit will not be required for bids less than \$100,000 unless specified in the bid documents.

Under Article 4 Bonds and Insurance Subsection 4.1 Bonds, **Add** the following at the end of 4.1.2 Performance and Payment Bonds:

C. Performance and Payment bonds will not be required for contracts less than \$100,000 unless specified in the bid documents.

Under Article 4 Bonds and Insurance, **Delete** Subsections 4.2 Insurance and 4.3 Contractual Liability Insurance in their entirety, and **Replace** with the following:

STC 4.2 Insurance:

4.2.1 The Contractor shall procure and maintain at its own expenses until final acceptance of the work covered by the Contract Documents, insurance for liability for damages imposed by law of the kinds and in the amounts hereinafter provided from insurance companies licensed to do such business in the State of New York and maintaining an A.M. Best rating of A- XV covering all operations under the Contract Documents whether performed by the Contractor or its Subcontractors. If the Contractor is comprised of more than one legal entity (excluding Subcontractors) each such entity will be jointly named.

Within ten (10) days of Award of Contract, the Contractor shall furnish to the City Finance Director a certificate or certificates of insurance in form satisfactory to the City Purchasing Agent showing compliance with this Section. In each policy of insurance except insurance of Workers' Compensation and Disability Insurance, the City and other appropriate Funding Agencies shall be named as an additional insured as further stipulated below for liability arising under this Contract. The kinds and amounts of insurance are as follows:

A. WORKERS' COMPENSATION AND DISABILITY INSURANCE. The Contract shall be void and of no effect unless the person or corporation making or executing same shall secure Compensation and Disability coverage, covering all operations under the Contract - whether performed by the Contractor or its Subcontractors for the benefit of, and keep insured during the life of said Contract, employees in compliance with the provisions of the Workers' Compensation Law.

Workers' Compensation Insurance. A policy covering the operations of the Contractor in accordance with the provisions of Chapter 41 of the Laws of 1914, as amended, known as the Workers' Compensation Law. The policy shall be endorsed to provide 30 days prior written notice of cancellation or non-renewal and Waiver of Subrogation in favor of the City of Rochester. A copy of these endorsements shall be included with the Certificate of Insurance.

Disability Insurance. A policy covering the operations of the Contractor in accordance with the provisions of Article 9 of the Workers' Compensation Law, known as the Disability Benefits Law (Chapter 600 of the Laws of 1949) and amendments thereto.

B. CASUALTY INSURANCE. The policy limits, unless otherwise indicated in the Supplementary Terms and Conditions shall be:

1) Commercial General Liability. Issued to the Contractor and covering the liability for damages imposed by law upon the Contractor with respect to all work performed by the Contractor under the within Contract. The coverage shall be written on an occurrence form utilizing ISO coverage form CG 00 01 12 07 or its equivalent. The policy shall furnish limits of not less than:

Bodily Injury and Property Damage Limit	\$1,000,000 each occurrence
Products/Completed Operations Limit	\$2,000,000 aggregate
Personal Injury and Advertising Injury Limit	\$1,000,000 each person or Organization
General Aggregate	\$2,000,000 applicable on a per project basis

The City of Rochester, their officers, employees and agents and all other appropriate Funding Agencies shall be named as an additional insured for liability arising under this Contract applicable to both ongoing and completed operations on a primary and non-contributory basis.

There shall be no exclusions relating to NYS Labor Law or municipal operations.

Coverage shall be maintained for a 3 year period following completion of the project.

2) Commercial Automobile Liability. Issued to the Contractor and covering all owned, non-owned and hired automobiles with limits not less than:

Combined Single Limit for Bodily Injury and Property Damage	\$1,000,000 each accident
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3) Contractors Pollution Liability. Issued to the Contractor covering all operations with limits not less than:

\$2,000,000 per loss
\$2,000,000 annual aggregate

This insurance shall cover losses caused by pollution conditions that arise from the operations of the Contractor with no exclusions relating to fungus, mold, microbial matter or asbestos. Coverage may be written on a claims-made basis.

4) Umbrella Excess Liability. Issued to the Contractor providing follow form coverage over the General Liability and Automobile Liability requirements stipulated above with minimum limits of:

Bodily Injury and Property Damage Limit	\$5,000,000 each occurrence
Products/Completed Operations Limit	\$5,000,000 aggregate
General Aggregate	\$5,000,000 applicable on a per project basis

All policies shall be endorsed to provide Waiver of Subrogation in favor of the City of Rochester.

All policies shall be endorsed to provide 30 days prior written notice of cancellation or non-renewal.

A copy of the Additional Insured and Waiver of Subrogation Endorsement(s) shall be included with the Certificate of Insurance.

C. BUILDER'S RISK INSURANCE. Unless otherwise specified in the Contract Documents, the Contractor shall effect and maintain insurance against loss on an "All Risk" basis upon all work in place and all materials and equipment in connection therewith, whether or not furnished or delivered by any person or Contractor other than the Contractor or by the City, itself, and whether or not covered by partial payment made by the City. This insurance shall be in an amount equal to the full insurable value thereof at all times and shall be for the benefit of the City, the Contractor and each Subcontractor as their interest may respectively appear. This insurance shall be obtained on the "completed value" form. The City and other appropriate Funding Agencies shall be named as an additional named insured in this policy.

STC 4.3 Contractual Liability Insurance:

4.3,1 The Commercial General Liability insurance required by paragraph 4.2.1 B.1) shall include Contractual Liability Insurance applicable to the Contractor's obligations under Article 6 Contractor's Responsibilities Section 6.15 Indemnification.

STC 5.2 Physical Conditions - Investigations and Reports

Under Article 5 Availability of Lands; Physical Conditions; Reference Points, **Add** the following to the end of Subsection 5.2 Physical Conditions - Investigations and Reports:

5.2.2 In the preparation of the drawings and the specifications, the design professional has relied upon the following reports and tests of subsurface and latent physical conditions at the site, or otherwise affect cost, progress or performance of the work. Approximate locations of the boring(s)/coring(s) are shown on the drawings.

These boring(s)/coring(s) are bound with, but are not part of the Contract Documents. The information is furnished solely for the convenience of the Contractor, without any warranty expressed or implied as to its accuracy or completeness. The Contractor shall make no claims against the City of Rochester with respect to the accuracy or completeness of such information, if it is erroneous or if the conditions found at the time of construction are different from those shown or indicated.

STC 6.2 Labor, Products and Storage

Under Article 6 Contractor's Responsibilities Subsection 6.2 Labor, Products and Storage, **Add** the following to the end of 6.2.2:

The Water Bureau maintains a list of pre-approved materials for use on all construction projects. The list contains various water system products that are pre-approved for use in conjunction with water work and that do not need to be approved for use by the Project Manager. The Contractor may substitute other equivalent products in the work, with prior approval of the Project Manager and the Water Bureau. This list may be obtained either by calling the Water Bureau, at (585) 428-7569, or on the City of Rochester's website, under Services – Contracts, Bids, RFPs – Public Works Construction Documents, Water System Useful Documents, Water Approved Products List.

Under Article 6 Contractor's Responsibilities, **Add** the following:

STC 6.21 Buy America

Notwithstanding any other provisions of law, all contracts over one hundred thousand dollars (\$100,000) in value made and awarded by any department or agency of the City of Rochester, State of New York, for the construction, reconstruction, alteration, repair, maintenance or improvement of any public works shall require that structural steel, reinforcing steel and/or other major steel items to be incorporated in the work of the contract shall be produced or made in whole or substantial part in the United States, its territories or possessions.

In accordance with 41 U.S.C. Section 10a et sequentes, 23 CFR 635.410 and Section 146 of the State Finance Law, permanently incorporated predominantly steel and/or iron products materials are to be domestically produced.

A product is considered predominantly of steel or iron if the product consists of at least ninety percent (90%) steel or iron content when it is delivered to the job site for installation, including sites where any precast concrete products are manufactured or fabricated.

Products that are subject to Buy America coverage include, but are not limited to, the following:

- steel or iron products used in pavements, bridges, tunnels or other structures, including, but not limited to: fabricated structural steel, reinforcing steel, piling, high strength bolts, anchor bolts, dowel bars, permanently incorporated sheet piling, bridge bearings, cable wire/strand, pre-stressing/post-tensioning wire, motor/machinery brakes and other equipment for moveable structures;
- guiderail, guiderail posts, end sections, terminals, cable guiderail;
- steel fencing material, fence posts;
- steel or iron pipe, conduit, grates, manhole covers, risers;
- mast arms, poles, standards, trusses, or supporting structural members for signs, luminaires, or traffic control systems; and
- steel or iron components of precast concrete products, such as reinforcing steel, wire mesh and pre-stressing/post-tensioning strands or cables.

Miscellaneous steel or iron components, subcomponents and hardware necessary to encase, assemble and construct the above components (or manufactured products that are not predominantly steel or iron) are not subject to Buy America coverage. Examples include, but are not limited to, the following:

- traffic signal controllers, cabinets, covers, shelves, clamps, fittings, sleeves, washers, bolts, nuts, screws, tie wire, spacers, chairs, lifting hooks, faucets, door hinges, door hardware, light bulbs, et cetera.

To qualify as domestic, all manufacturing processes, including manufacture, fabrication, grinding, drilling, welding, finishing, and coating of any product containing steel and/or iron materials, must have been performed in the United States. To further define the coverage, a domestic product is a manufactured steel and/or iron materials construction material that was produced in one of the 50 States, the District of Columbia, Puerto Rico, or in the territories and possessions of the United States. Raw materials used in the steel and/or iron materials may be imported. Raw materials are materials such as iron ore, limestone, waste products, et cetera, which are used in the manufacturing process to produce the steel and/or iron materials products. Waste products include scrap - i.e. steel no longer useful in its present form from old automobiles, machinery, pipe, railroad rail, steel trimmings from mills or product manufacturing, and the like. Extracting, crushing, and handling the raw materials which are customary to prepare them for transporting are exempt from Buy America. The use of foreign source steel or iron billets is not acceptable under Buy America.

The Contractor shall provide structural steel, reinforcing steel and/or other major steel items to be permanently incorporated in the work produced or made in whole or substantial part in the United States. The combined cost of foreign steel and/or iron materials will be the value of the materials as they are delivered to the contract, documented by invoice or bill of sale to the Contractor.

A. Control of Materials. All items, regardless of origin, shall comply with their individual specification requirements and with the requirements stated elsewhere in this subsection. In the event the contract is awarded based on using only domestic steel and/or iron materials, the Contractor shall supply only domestic steel and/or iron materials and will be paid the domestic bid prices. The Contractor shall ensure the domestic steel and/or iron materials are supplied in conformance with the above referenced laws. The Contractor shall inform all affected Subcontractors and material suppliers of these specific requirements and ascertain that steel and/or iron materials being supplied is in conformance with these requirements.

B. Waivers. Waivers to the Buy America requirement may be requested by the Contractor if it can be demonstrated that the use of domestic steel and/or iron materials would be inconsistent with the public interest, such materials and products are not produced in the United States in sufficient and reasonably available quantities and of satisfactory quality.

Provided one or more of the above requirements are met, the Contractor may submit a request for a waiver to the City of Rochester. The request shall include copies of all documentation verifying the unavailability of the material or product, and/or justification of the application for a waiver.

Upon final approval of the affected Department program areas, notification and approval of the Buy America Waiver request will be made by the City of Rochester.

STC 9.7 Resolution of Disputes

Under Article 9 City Engineer's and Project Manager's Status During Construction Subsection 9.7 Resolutions of Disputes, **Delete** 9.7.3 in its entirety, and **Replace** with the following:

9.7.3 If the Contractor claims compensation for any damages sustained by reason of any act or omission of the City, its agents, or employees, or for any other reason whatsoever, it shall, within ten (10) days after such claim shall have arisen, file with the City Engineer written notice of its intention to make claim for such damages. If the Contractor believes its employees or those of its subcontractors have not been treated fairly and with respect by any employees or agents of the City during this contract, the contractor shall, within ten (10) days after such incident, file with the City Engineer written notice of the incident. Such notice shall state the nature and amount of the damages sustained or the nature of unfair or disrespectful treatment and the basis for the claim against the City or the nature of the events surrounding the incident. If the City Engineer shall deem it necessary for proper decision upon any notice filed hereunder, to require additional data, depositions or verified statements, the Contractor must furnish the same within ten (10) days after written demand therefore.

STC 10.2 Changes in the Contract Price

Under Article 10 Changes During the Project Subsection 10.2 Changes in the Contract Price, **Delete** Subsection 10.2.2 A. Unit Prices in its entirety, and **Replace** with the following:

10.2.2 A. Unit Price. The unit price may be:

- those submitted by the Contractor in the original bid documents; or
- as stipulated by the City in the contingent item list included with the Contract Documents; or
- as fixed by agreement between the City and the Contractor for extra work items not originally provided for in the Contract Documents; or
- as adjusted by agreement between the City and the Contractor when the final quantity of a major item is more than one-hundred and twenty-five percent (125%) or less than seventy-five percent (75%) of the original estimated item quantity provided for in the Contract Documents as delineated below.

When the final quantity of a major item is more than one-hundred and twenty-five percent (125%) or less than seventy-five percent (75%) of the original estimated item quantity, the Contractor or the City may request an adjustment of the bid unit price of the item, or time of performance, if they so desire such adjustment. The request by the Contractor or the City must be in the form of a written notice to the other party, and such written notice must be delivered to the other party within ten (10) work days of the time the party making the request had knowledge of conditions which result in such change in the estimated item quantity.

Any allowance for a change in the bid unit price of an item will apply only to that portion of the work that is in excess of one-hundred and twenty-five percent (125%) of the original estimated item quantity, or to the actual amount of work performed if the quantity decreases to be below seventy-five percent (75%) of the original estimated item quantity.

The total adjusted payment for all work on a major item that decreases to below seventy-five percent (75%) of the original estimated item quantity, is not to exceed the total payments which would have been made if the original estimated item quantity had been completed at the original bid unit price.

No agreed upon change in the bid unit price of an item will constitute a basis for a claim for damages of anticipated profits on the item that was adjusted.

Under Article 10 Changes During the Project Subsection 10.2 Changes in the Contract Price, **Delete** Subsection 10.2.6 Asphalt Price Adjustment, and **Replace** with the following:

10.2.6 Asphalt Price Adjustment

A. The adjustment will provide for either an additional compensation to the Contractor for an increase, or a repayment to the City for a decrease, in the price of asphalt as based on the fixed index price. No adjustment will be made if the monthly average posted price is within fifteen dollars (\$15.00) of the fixed index price for asphalt. No consideration will be given to the situation where an individual supplier's price exceeds the monthly average posted price. Only those items that include asphalt, that are originally in the contract, and that are included in the general specification sections specified below, will be eligible for an asphalt price adjustment:

- R205 – Pavement Base Repair
- S205 – Pavement Base Repair
- 402 – Hot Mix Asphalt (HMA) Pavements (Superpave mixes)
- 403 – Hot Mix Asphalt Concrete Pavement
- 403 – Hot Mix Asphalt (HMA) Pavements for Municipalities
- R404 – Recycled Asphalt Concrete Pavement
- 18410 – Micro-Surfacing
- S410 – Micro-Surfacing
- S413 – Speed Hump
- S608 – Sidewalk and Driveway
- S609 – Curb

B. The adjustment will be based solely on: the quantity of asphalt incorporated in the work, multiplied by the per cent (as expressed in decimals) of performance-graded binder or asphalt cement included in the mix, multiplied by the difference between the herein stipulated fixed index price plus fifteen dollars (+\$15.00) when the average posted price increases, minus fifteen dollars (-\$15.00) when the average posted price decreases, all as defined below.

C. The percentage factor of performance-graded binder or asphalt cement incorporated in the asphalt course mix as expressed in decimals to the nearest thousandth for each asphalt course mix type shall be as follows:

Asphalt Course Mix (Q)	Section(s)	Factor (F)
Type 1	R205-S205-S608-S609	0.060
Type 3	R205-S205-S608	0.065
Type 7F	S413	0.080
Truing and Leveling	403	0.080
Recycled Base	R404	0.041
Recycled Binder	R404	0.046
Recycled Top	R404	0.055
Recycled Truing and Leveling	R404	0.055
9.5 F2 Top HMA, 80 Series	402	0.062
19 F9 Binder HMA, 80 Series	402	0.049
37.5 F9 Base HMA, 80 Series	402	0.040
HMA Type 1 Base	403	0.050
HMA Type 3 Binder	403	0.055
HMA Type 7F2 Top	403	0.0685
True & Leveling	402-403	based on mix formula at time of construction
Micro-Surfacing Type II	18410-S410	0.090
Micro-Surfacing Type III	18410-S410	0.075
Micro-Surfacing Type III Rut Filling	18410-S410	0.075

D. Fixed Index Price: A fixed index price per ton of performance-graded binder used solely as a basis from which to compute price adjustments.

The fixed index price for original contract bid items and additional work at the original contract bid price, will be will be the monthly average posted price for the month of the bid letting.

The index price for additional work not in the original contract and added by an agreed price, will be the monthly average posted price for the month the agreed price was approved by the City.

E. Monthly Average Posted Price: The monthly average terminal price for unmodified PG 64-22 binder, without anti-stripping agent, will be determined by the State of New York Department of Transportation, as based on prices from approved primary sources of performance-graded binder, during the life of this Contract.

F. A listing of the average posted prices for asphalt (performance-graded binder), is posted on or about the twenty-fifth (25th) of each month by the State of New York Department of Transportation in an Engineering Bulletin entitled *Fuel, Asphalt and Steel price Adjustments*.

G. Also all discounts or allowances that reduce the asphalt price at the terminal will be deducted prior to calculating the price adjustment.

H. Price adjustment will be based on the following formulas:

1). When average posted price increases:

$$\text{Price Adjustment} = [(\text{APP}) - (\text{FIP} + \$15.00)] \times [(Q) \times (F)]$$

2). When average posted price decreases:

$$\text{Price Adjustment} = [(APP) - (FIP - \$15.00)] \times [(Q) \times (F)]$$

Where:

APP = Average posted price for the month within which the work is performed

FIP = Fixed index price for the month of the bid letting

Q = Asphalt course mix quantity incorporated in the work as expressed in tons

F = Percentage factor of performance-graded binder or asphalt cement incorporated in the asphalt course mix as expressed in decimals to the nearest thousandth

I. A price adjustment will be paid in addition to, or deducted from, the monthly estimate for material placed during the previous month. The average posted price is updated on or about the twenty-fifth (25th) of each month, with the price adjustment becoming effective on the first (1st) of the following month. All price changes received after the third (3rd) Wednesday of the month will be held in abeyance until the next scheduled price revision.

J. This asphalt price adjustment is based solely on changes in the price of unmodified PG 64-22 binder, without anti-stripping agent. The fact that an individual asphalt supplier's price exceeds the average posted price or that of a particular asphalt item such as emulsion base is more costly than unmodified PG 64-22 binder will have no bearing on the price adjustment.

K. If asphalt items are placed after the completion date specified in this contract or after any extensions of that date with engineering charges and/or liquidated damages, the average posted price used to compute price adjustments shall not exceed the average posted price on the original scheduled contract completion date. If the contract completion date is extended without the assessment of engineering charges, price adjustments for material placed during such extensions shall be based on the latest updated average posted price.

L. No price adjustment will be made unless the average posted price is either fifteen dollars (\$15.00) greater than or fifteen dollars (\$15.00) less than the fixed index price stated above. All price adjustments will be rounded to the nearest dollar.

STC 11.1 Warranty and Guarantee

Under Article 11 Warranty and Guarantee; Tests and Inspections; Correction, Removal or Acceptance of Defective Work Subsection 11.1 Warranty and Guarantee, **Delete** the second sentence of 11.1.1 in its entirety, and **Replace** with the following:

The Contractor warranty shall continue for a period of two (2) years from the date of certification of Substantial Completion of Work or, with the written approval of the City Engineer, from the time that all Project work other than acceptance of turf grasses planted under the contract are complete, accepted by the City, and can be utilized for its intended purpose.

Under Article 11 Warranty and Guarantee; Tests and Inspections; Correction, Removal or Acceptance of Defective Work, **Add** the following to the end of Subsection 11.1 Warranty and Guarantee:

11.1.7 The Guarantee Bond, which the Contractor shall furnish as set forth in Article 4.1.3 Guarantee Bond of these General Conditions, does not apply to items of maintenance or for items over which the Contractor, its suppliers or Subcontractors have no control.

STC 13.3 Review of Applications for Progress Payments

Under Article 13 Payments to Contractors Subsection 13.3 Review of Applications for Progress Payments, **Add** the following to the end of 13.3.2:

J. The Contractor has failed to provide the following documentation required to meet:

- 1) New York Labor Law filing requirements including but not limited to certified payrolls, certification forms for the prime contractor and all subcontractors prior to the start of their work on the project, and OSHA 10 training certification documentation where required;
- 2) M/W/DBE and/or workforce goal requirements of the Contract.

The City reserves the right to withhold five percent (5%) of the balance of the application for payment after deduction of the five percent (5%) completion retainage as provided in Section 13.4 Retainage until all such required documentation applicable to the payment application has been provided.

Under Article 13 Payments to Contractors Subsection 13.3 Review of Applications for Progress Payments, **Add** the following:

13.3.4 In accordance with General Municipal Law Section 106-B Payment on Public Work Projects, the Contractor shall pay any Subcontractor(s) for undisputed work performed by the Subcontractor(s) within seven (7) days of receipt of payment by the City which includes such work.

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SUPPLEMENTARY SPECIFICATIONS

S608SW SIDEWAK AND DRIVEWAY.....SS-1

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SECTION S608SW - SIDEWALK AND DRIVEWAY

S608SW-1 DESCRIPTION

Work consists of construction of sidewalks, sidewalk access ramps, detectable warning systems, and driveways as required in Contract Documents and as directed by Project Manager.

For purposes of this specification, all references are in accordance with *NYSDOT Standard Specifications (US Customary Units dated May 1, 2008)* edition, including any addendums.

S608SW-2 MATERIALS

S608SW-2.01 General

Materials are to be in accordance with NYSDOT Section 700 Materials Details:

Portland Cement	701-01
Bituminous Materials	702
Fine Aggregate	703-01
Coarse Aggregate	703-02
Mortar Sand	703-03
Cushion Sand	703-06
Concrete Sand	703-07
Mineral Filler	703-08
Premoulded Resilient Joint Filler	705-07
Masonry Mortar	705-21
Membrane Curing Compound	711-05
Form Insulating Materials for Winter Concreting	711-07
Water	712-01

S608SW-2.02 Concrete Sidewalk and Driveway, Concrete Entrance Walk and Concrete Steps

Concrete is to be Class K in accordance with Section S504 Portland Cement Concrete.

Subbase course material is to be Type 1 in accordance with NYSDOT Section 304 Subbase Course.

S608SW-2.03 Colored Decorative Concrete

Color admixture for colored decorative concrete is to be water neutral liquid coloring admixture system for use with other concrete construction chemical performance admixtures. Liquid coloring admixture is not to initiate or promote corrosion of reinforcing steel. Color of admixture will be as specified in Contract Documents.

S608SW-2.04 Exposed Aggregate Concrete

Aggregate is to consist of sound washed gravel which passes number 1 sieve, contains varying colors and is available from local run-of-bank gravels.

Chemical horizontal surface retarder is to be water soluble spray applied organic chemical surface retarder that delays set of concrete to create exposed aggregate surface. Surface retarder is to be such that it will retard but not kill hydration of concrete, will allow aggregate to retain its natural appearance without effecting color or luster of aggregate, and is in compliance with Federal V.O.C. standards for concrete surface retarders.

Sealer is to be single component transparent liquid designed to cure and seal exterior concrete surfaces, including exposed aggregate concrete. Sealer is to be such that it will bring out radiance and luster of natural aggregate, providing long lasting and durable finish, and is in compliance with Federal V.O.C. standards for concrete sealers.

S608SW-2.05 Repair Existing Concrete

Concrete repair material is to be made for thin overlays, with good bonding properties and ability to withstand freeze-thaw cycles without exhibiting any signs of disintegration, such as Speed Crete as manufactured by Tamms Industries, or approved equivalent.

Slurry bond coat used in combination with repair material is to be Acryl 60 as manufactured by Thoro System Products, or approved equivalent.

S608SW-2.06 Reshape Existing Concrete

Equipment for reshaping existing concrete is to be capable of grinding, scarifying or texturing existing concrete without causing spalls at joints, cracks or edges, and come with vacuum system to contain airborne dust, slurry and debris.

S608SW-2.07 Detectable Warning System

Preferred method for constructing detectable warning system is by using embedded or precast brick detectable warning units.

Surface applied method for constructing detectable warning system is generally not acceptable except in select locations, as deemed appropriate by and approved of by Project Manager.

Detectable warning system is to be for applications in high pedestrian use locations including but not limited to sidewalk access ramps, and is wheelchair accessible.

Units are to be uniform in color and texture, free of cracks or other defects, and have clean-cut well defined edges.

Units are to be weather resistant, durable to high pedestrian traffic usage, and are to be fabricated with non-slip texture.

Color of detectable warning system is to be dark gray per Munsell Book Notation 10BG 3/1, Federal Standard 595B Number 36081 or darker, or approved equivalent. Color must be homogeneous throughout thickness of material, and must be such that end result of finished product visually provides surface which is uniform in color over entire surface area and which is an approximate match to specified color designation.

Truncated domes are to be aligned or in-line, in parallel square pattern.

Basis of Acceptance: Shop drawings and sample detectable warning system unit must be submitted to Project Manager for approval at least 30 days prior to beginning work.

A. Embedded or Precast Brick Detectable Warning System

Pre-approved products and manufacturer of embedded or precast brick detectable warning system units are those as listed on NYSDOT Technical Services-Materials-Approved List. Other equivalent products will need to be approved by Project Manager prior to installation.

Embedded units are to be square with nominal size of 12 inches x 12 inches.

Units are to be composed of cementitious materials, steel, iron, clay, shale, plastics, polymeric materials, resins, pigments, or as approved by Project Manager. Units are to be colorfast, UV stable, not showing any signs of appreciable fading, lifting, shrinkage, or other signs of poor adhesion. Units are to be capable of fitting into contours, breaks and faults of concrete surfaces.

Where applicable, units are to be capable of adhering to concrete surface at minimum air temperature of 60°F and minimum surface substrate temperature of 70°F.

Manufacturer is to demonstrate in writing, and by providing references, that embedded detectable warning system material and proposed system for bonding material to substrate has been satisfactorily used for minimum period of 2 years in areas where weather conditions are similar to those experienced in Rochester, New York area

At least 30 days prior to installation, manufacturer must submit certified test results from an independent testing laboratory to Project Manager indicating that type of material to be used is in compliance with following requirements:

Property	Results
Compressive Strength (minimum after 28 days)	8000 psi minimum
Freeze-Thaw Loss (25 cycles, 1 cycle/day, 10% NaCl solution in accordance with NYS Test Method 502-3P)	1.0% maximum

B. Surface-Applied Detectable Warning System

Pre-approved products and manufacturer of surface-applied detectable warning system units are those as listed on NYSDOT Technical Services-Materials-Approved List. Other equivalent products will need to be approved by Project Manager prior to installation.

Surface applied units are to be one piece, 5 feet x 2 feet.

Units are to be composed of cementitious materials, steel, iron, plastics, polymeric materials, resins, pigments, or as approved by Project Manager. Units are not to show any signs of appreciable fading, lifting, shrinkage, tearing, rollback, or other signs of poor adhesion. Units are to be capable of molding or fitting into contours, breaks and faults of concrete surfaces.

Units are to be capable of adhering to concrete surface at minimum air temperature of 60°F and minimum surface substrate temperature of 70°F.

Manufacturer is to demonstrate in writing, and by providing references, that surface-applied detectable warning system material and proposed system for bonding material to substrate has been satisfactorily used for minimum period of 3 years in areas where weather conditions are similar to those experienced in Rochester, New York area.

At least 30 days prior to installation, manufacturer must submit certified test results from an independent testing laboratory to Project Manager indicating that type of material to be used will bond to prepared surface, and that it is in compliance with following requirements:

Standard	Property	Results
ASTM C501	Wear Resistance	Wear Index: >15
ASTM C1028	Slip Resistance	Dry Coefficient of Friction 0.8 minimum
ASTM E96	Water Vapor Transmission	10 grams/square foot/24 hours

S608SW-2.08 Heavy-Duty Commercial Concrete Driveway

Concrete for heavy-duty commercial concrete driveway is to be Concrete for Structures Class A (Appurtenant Placements) in accordance with NYSDOT Section 555 Structural Concrete.

Subbase course material is to be Type 4 in accordance with NYSDOT Section 304 Subbase Course.

Tie bar for construction joint is to be number 3 bar, 18 inches long, deformed billet steel bar in accordance with ASTM A615, Grade 60; or deformed rail steel bar in accordance with ASTM A616, Grade 60 including Supplementary Requirement S1.

Welded wire fabric for reinforcement is to be 6x6 10 gauge uncoated steel reinforcement in accordance with ASTM A185 or ASTM A497.

S608SW-2.09 Asphalt Driveway

Asphalt top is to be an asphalt mix that is dense graded and having gritty texture for single course resurfacing over stone base or asphalt binder.

Asphalt mix is to be in accordance with NYSDOT Section 401 Plant Production, with following modifications:

Composition		
Screen Size	General Limits Percent Passing	Job Mix Tolerance Percent
1/2 inch	100%	-
1/4 inch	90 to 100%	-
1/8 inch	45 to 70%	+/- 7%
#20	15 to 40%	+/- 7%
#40	8 to 27%	+/- 7%
#80	4 to 16%	+/- 4%
#200	2 to 6%	+/- 2%

Other Properties		
Asphalt Content Percentage	6 to 8%	+/- 0.4%
Asphalt Cement Grade and Number	AC-20 - 702.0500	-
Mixing and Placing Temperature Range	250°F to 325°F	-

Aggregate is to be in accordance with NYSDOT Sections 703-01 Fine Aggregate and 703-02 Coarse Aggregate, meeting following blend percentages:

Aggregate	Blend Percentage
Coarse Aggregate #1A	44%
Fine Aggregate Manufactured	28%
Fine Aggregate Natural	28%

Asphalt binder is to be 19 F9 Binder Course HMA, 80 Series Compaction in accordance with NYSDOT Sections 401 Plant Production and 402 Hot Mix Asphalt (HMA) Pavements.

Asphalt base is to be 37.5 F9 Base Course HMA, 80 Series Compaction in accordance with NYSDOT Sections 401 Plant Production and 402 Hot Mix Asphalt (HMA) Pavements.

Subbase course material is to be Type 2 in accordance with NYSDOT Section 304 Subbase Course.

S608SW-2.10 Temporary Driveway

Materials are to be in accordance with Section S412 Temporary Pavement.

S608SW-2.11 Brick; Brick – Cultural District

A. Brick

Brick is to be as required in Contract Documents.

B. Brick – Cultural District

Color of brick for use within Cultural District is standardized on Endicott Dark Ironspot as manufactured by Endicott Clay Products Co., and any brick that is supplied must be an exact match in color.

Brick is to be wire cut brick, 3-5/8 x 7-5/8 x 2-1/4, Endicott Dark Ironspot as manufactured by Endicott Clay Products Co., or approved equivalent.

S608SW-2.12 Slate

Slate is to be sound and durable, reasonably uniform in quality and texture throughout, free from shale, excess mica, seams, scaling or evidence of disintegration. Slate is to have one reasonable smooth split face with no projections or depressions over 1/4 inch. Slate is to be so dressed that it may be laid with maximum of 3/4 inch joints. Size and color of slate will be as required in Contract Documents.

Basis of Acceptance: Minimum 25 square foot sample of slate must be submitted to Project Manager for approval at least 30 days prior to beginning work. Slate will be inspected for accordance to dimensional and color requirements. Slate that is not in compliance with this specification will be rejected.

S608SW-2.13 Stone Paver

Stone paver can be either rock-face or small ashlar natural stone. Stone paver is to be sound and durable, reasonably uniform in quality and texture throughout, free from shale, excess mica, seams, scaling or evidence of disintegration. Stone paver is to have one reasonable smooth split face with no projections or depressions over 1/4 inch. Rock-face stone paver is to be so dressed that it may be laid with maximum of 3/4 inch joints.

Size and color of stone paver will be as required in Contract Documents.

Basis of Acceptance: Minimum 25 square foot sample of stone paver must be submitted to Project Manager for approval at least 30 days prior to beginning work. Stone paver will be inspected for accordance to dimensional and color requirements. Stone paver that is not in compliance with this specification will be rejected.

S608SW-2.14 Paver Edge Restraint

Paver Edge Restraint is to be composed of high density polyethylene (HDPE), PVC or other durable non-metallic material for rigid straight line installation, as manufactured by SnapEdge, E-Z Edge, PaveTech, or approved equivalent.

S608SW-2.15 Coarse Sand

Coarse sand is to be clean washed well graded angular sand with maximum particle size of 3/16 inch, without any fine limestone screenings, free of salts and other deleterious materials, and in accordance with ASTM C33 Concrete Aggregates.

S608SW-2.16 Caulking Sealant

Caulking sealant is to be one component polyurethane self leveling sealant. Color of sealant is to be such as to be capable of blending in with surrounding elements.

S608SW-2.17 Curing Compound

Curing compound is to be single component transparent liquid designed to cure, seal and dustproof exterior concrete surfaces.

S608SW-2.18 Fine Sand

Fine sand is to be clean washed masons sand, free of salts and other deleterious materials, in accordance with ASTM C144 Aggregate for Masonry Mortar.

S608SW-2.19 Polymeric Jointing Sand

Polymeric jointing sand for filling joints is to be mix of graded sand and binder, especially formulated for filling of narrow or wide joints for brick, slate and stone paver construction.

After setting-up, polymeric jointing sand material is to be flexible, allowing for movement without cracking. Polymeric jointing sand is to resistant to insect infestation, weed growth and erosion caused by rain, frost, wind and suction. Polymeric jointing sand is to be suitable for stabilizing horizontal or sloping installations such as for streets, driveways, sidewalks, parking lots and curb park areas.

S608SW-2.20 Seed or Hydroseed

Seed or hydroseed is to be in accordance with Section S610 Landscape.

S608SW-2.21 Topsoil

Topsoil is to be in accordance with Section S613 Topsoil.

S608SW-3 CONSTRUCTION DETAILS

S608SW-3.01 General

At least 24 hours prior to commencing any work, provide written notification to all residents of adjacent properties that are being directly affected by work. Notification is to be in plastic bag with handles that has capability of being hung on door knob.

Coordinate with individual businesses that are directly affected by work to schedule construction of work such as to minimize as much as possible any disruption of business's daily operations.

Prior to commencing any work which will directly impact access to driveway area, take all steps necessary to notify owner of any vehicle that may potentially be blocked-in by work. Allow owner reasonable amount of time to remove their vehicle from driveway.

Maximum allowable transverse slope on sidewalk is 1:50, with sidewalk to be sloped such that water drains away from private property and towards street.

S608SW-3.02 Survey Monument

Contractor's attention is hereby directed to extensive survey monumentation system within City of Rochester. Survey monuments are designated as RCS (Rochester City Survey), RTS (Rochester Topographic Survey), and USC&GS (United States Coastal and Geodetic Survey). Survey monuments are used to establish property and right-of-way lines, as well as elevations.

RCS survey monuments are generally located at 4 foot offset from street intersection right-of-way corner, mid-block angle point in right-of-way line, and right-of-way radii pc/pt point(s). RCS survey monuments generally fall within concrete sidewalk area, but may also be found in street pavement or lawn area. RTS and USC&GS survey monuments are not located at any specific location, but may be found anywhere within public right-of-way. Location of each existing survey monument will be established by City with swing ties before any work begins at or near existing survey monument.

Exercise extreme caution when working in vicinity of any existing survey monument so as not to disturb or otherwise damage existing survey monument. In event that existing survey monument has been disturbed or otherwise damaged by Contractor's operations, existing survey monument must be restored or replaced in accordance with Section S626 Survey Monument, at Contractor's expense.

S608SW-3.03 Tree Protection

Existing trees and tree roots within project limits are to be protected from damage by construction activities. Construction or excavated materials are not to be placed or stockpiled within limits of canopy of any existing tree, to prevent smothering of existing tree root system. Vehicles and other construction equipment are not to be parked on any tree root system, nor left running (idling) under limits of canopy of any existing tree.

Where cutting of existing tree roots is necessary, it is to be done with sharp cutting tools. Exposed tree roots are to be re-buried as soon as possible. Until exposed tree roots can be re-buried, exposed tree roots are to be covered with wet burlap. Burlap is to be kept wet until exposed tree roots can be re-buried.

Existing trees that are damaged by construction activities are to be repaired within 72 hours using current arboricultural standards. Those existing trees that are determined by City Forester to be damaged beyond repair, are to be removed and replaced by Contractor.

S608SW-3.04 Appurtenances

Existing or new appurtenances such as areaway/vault frames and covers, areaway/vault frames and hatchway doors, window well frames and grates, monument frames and covers, utility valve box frames and covers, utility manhole/handhole/pullbox frames and covers, et cetera, that are located within paved area are to be set true to line and grade, and are to be flush with surrounding surface.

Under no circumstances is an appurtenance to extend above or below surrounding surface. Hatchway doors, covers and grates are to make continuous full and uniform contact with corresponding frame, and are to be non-rocking when in place.

Appurtenances that are covered or buried with construction of new paved surface material, are to be uncovered, cleaned and set to grade, and surrounding area restored.

S608SW-3.05 Restoration

Adjacent areas disturbed or damaged during construction must be restored within 15 working days.

When restoring lawn areas adjacent to new construction, on-site borrow material may be used to backfill area to within 3 inches of finished surface. On-site borrow material is to be thoroughly compacted and free of grass clumps, tree roots, stones larger than 1 inch in size, pieces of asphalt and any other extraneous material.

When adjacent paved areas are disturbed as part of work, Contractor will be required to repair disturbed area. Perimeter of disturbed area is to be saw cut full depth, and such that all edges are straight and true. Bricks are to be replaced in whole units only, with replacement brick matching existing brick in size, shape and color. Restoration work is to be done such that pattern, grades and cross slope are consistent with existing surrounding area.

S608SW-3.06 Concrete Sidewalk and Driveway

A. General

General construction details for manufacturing, transporting, and placing concrete are to meet requirements of Section S504 Portland Cement Concrete, and NYSDOT Section 501 Portland Cement Concrete - General.

Freshly poured concrete is to be secured from vandalism or other mishap. Repair any damage as soon as possible.

Concrete sidewalk section is to be minimum of 5 feet in width, and consists of 5 inches of Class K concrete, placed over thoroughly compacted subbase course Type 1 material with minimum thickness of 6 inches after compaction.

Concrete sidewalk section in areas where concrete sidewalk crosses driveway, for concrete sidewalk access ramps including landing area, for concrete sidewalk located within area of intersection radius, and for concrete driveways, is to consist of 7 inches of Class K concrete, placed over thoroughly compacted subbase course Type 1 material with minimum thickness of 6 inches after compaction.

Subbase course Type 1 material is to be placed in accordance with NYSDOT Section 304 Subbase Course.

If required by Project Manager, temporary driveway access is to be provided until permanent driveway restoration can be done.

B. Excavation and Backfill

Area on which concrete is to be placed is to be excavated, and subgrade shaped and compacted with vibratory compactor to relatively smooth surface. Soft areas in subgrade are to be eliminated in order to provide uniform support of concrete.

Finished subgrade is to be parallel to surface of proposed grade. Before compacting subgrade material, cull material of all large stones, tree roots, or any other foreign substances. Use subbase course Type 1 material to adjust subgrade elevations and to replace unsuitable subgrade material. Subbase course material is to be thoroughly compacted and wetted prior to placement of concrete.

Excavation includes complete removal and disposal of existing materials, including paved areas, tree roots, dirt, and any other material encountered within area to be excavated.

Stockpiling of excavated material at project site is not allowed. Excavated materials must be disposed of off project site by end of each work day.

When excavating and removing an existing paved area, take any necessary precaution to prevent any damage from occurring to adjacent paved areas that are to remain. Perimeter of existing paved area to be excavated is to be saw cut full depth with concrete saw before starting excavation. Saw cut and excavate existing concrete areas at nearest joint.

Concrete must be poured within 3 calendar days of area having been excavated. Only excavate an area that can be restored within 3 calendar days at any one time. Except for adverse weather conditions, under no other circumstances are excavated areas to remain open for greater than 3 calendar days.

No driveway, including sidewalk area, is to be excavated on Friday or day before legal holiday. Vehicular driveway access must be restored within 6 calendar days of original excavation.

Adjacent paved areas that are in satisfactory condition and are subsequently damaged by construction activities are to be restored.

C. Forms

Forms are to be minimum of 5 inches high, free from warp and have sufficient strength to resist springing out of shape. Nominal thickness of wood forms is to be 2 inches, except for those in areas with curved construction lines. Before being used, forms are to be thoroughly cleaned of any mortar, concrete, dirt or any other extraneous materials. Forms are to be well staked or otherwise held to established construction lines, with upper edges conforming to established grade. Before placing concrete, wood forms are to be thoroughly wetted, and steel forms oiled. In areas where concrete placement crosses other paved areas, forms are to be carried through area to provide uniform width of concrete.

D. Joints

1. *Edges.* Edges, including joints, are to be finished smooth and plumb with an approved jointing tool which has minimum 5/8 inch radius, so made as to slightly round corners of edge or joint.

2. *Construction Joint.* Construction joints are joints where two successive placements of concrete meet.

3. *Transverse Joint.* Transverse joints are joints that are perpendicular to length of new sidewalk and are spaced at regular intervals. Transverse joints 12 feet long or shorter are to be saw cut or finished smooth with jointing tool. Transverse joints longer than 12 feet are to be saw cut, except when placed as construction joint. Transverse joints that are saw cut are to be saw cut minimum of 1/4 of thickness of concrete slab. Tooled transverse joints are to have maximum width of 1/2 inch, excluding rounded edges of jointing tool.

4. *Longitudinal Joint.* Longitudinal joints are joints that run length of new sidewalk. Longitudinal joints 12 feet long or shorter are to be saw cut or finished smooth with jointing tool. Longitudinal joints longer than 12 feet are to be saw cut, except when placed as construction joint. Longitudinal joints that are saw cut are to be saw cut minimum of 1/4 of thickness of concrete slab. Tooled longitudinal joints are to have maximum width of 1/2 inch, excluding rounded edges of jointing tool.

5. *Scoring Pattern.* Sidewalks with areas greater than 36 square feet are to be scored with joints.

Transverse joints are to be scored at intervals of 5 feet on center so that finished sidewalk area will be marked in squares, unless otherwise indicated in Contract Documents, or as directed by Project Manager. Transverse joints are to be straight and perpendicular to longitudinal line of straight sidewalk at street side of sidewalk, and radial to line of curved sidewalk, or as directed by Project Manager.

Longitudinal joints are to be parallel to longitudinal edge of sidewalk at street side of sidewalk, unless otherwise indicated in Contract Documents, or as directed by Project Manager.

Scoring patterns at street corners and other large areas will be as indicated in Contract Documents. If Contract Documents do not indicate scoring pattern, Project Manager must approve proposed scoring pattern prior to construction of joints.

Score joints minimum length of 2 feet diagonally off corners of structures, such as pole bases, handholes, manholes, et cetera, that are located in sidewalk area. Joints can be scored with either with jointing tool or saw cut.

6. *Construction and Expansion Joint.* Construction and expansion joints are to be finished smooth with an approved jointing tool which has minimum 5/8 inch radius, so made as to slightly round corners of joint.

Construction and expansion joints are to be filled with 1/2 inch thick premoulded expansion joint material. Premoulded expansion joint material is not to protrude above finished grade.

Expansion joints are to be placed at least once every 30 feet of continuous sidewalk, and are to extend full thickness and width of sidewalk. When continuous length of sidewalk is at least 15 feet, but less than 30 feet, one piece of premoulded expansion joint material is to be placed. When continuous length of sidewalk is less than 15 feet, placement of premoulded expansion joint material is not necessary.

7. *Joints at Structures.* Premoulded expansion joint material, 1/2 inch in thickness, is to be placed between edges of concrete construction where it butts up against back edge of curb, concrete gutter, existing concrete areas, buildings, walls, around pole bases, and any other structure and appurtenance located within area of concrete construction. Top of premoulded expansion joint material is to be recessed 5/8 inch below top of concrete, with recessed area filled in with caulking sealant.

8. *Saw Cutting.* Saw cut joints within 24 hours of placement of concrete. Saw cuts are to be done with an abrasive diamond type blade. Saw cut edges are to be smooth and straight, with unbroken corners. Saw cut joint is to be 1/4 inch wide, and minimum of 1/4 of thickness of concrete slab.

9. *Joint Tolerances and Quality.* Outer edges, expansion joints, construction joints and scored joints constructed with either jointing tool or by saw cut, are to be straight and smooth.

Joints and edges are to have uniform, fine broomed surface free of holes, tears, pock marks, broken corners and other defects. Joints are to be clear of excess concrete and mortar material resulting from brooming or finishing of adjacent concrete.

Variations of edge of joint as measured from straight edge or string line set along that edge, that are greater than 1/8 inch from 5 feet straight line, or 1/4 inch from 10 feet straight line, or 1/2 inch from 20 feet straight line, will be cause for rejection of joint and adjacent sidewalk at that joint.

Transverse joints are to be constructed to required spacing, perpendicular to longitudinal line of straight sidewalks, and radial to longitudinal line of curved sidewalks at street side of sidewalk. Transverse joints not perpendicular or radial by more than 1 inch per 5 feet of transverse joint, and transverse joints at spacing 2 inches greater or less than required spacing, will be cause for rejection of transverse joint and adjacent sidewalk at that transverse joint.

Longitudinal joints and outer edges are to be constructed parallel to longitudinal line of sidewalk at street side of sidewalk. Longitudinal joints not parallel or differing in offset from longitudinal line of street side of sidewalk by more than 3 inches in 25 feet of longitudinal length of sidewalk, will be cause for rejection of longitudinal joint and adjacent sidewalk at that longitudinal joint.

10. *Driveways.* Joints and scoring pattern for driveways must be approved by Project Manager prior to construction of joints and scoring pattern. Joints and scoring pattern are to in accordance with Subsection S608SW-3.06D Joints.

E. Concrete Placement

Upon placement of concrete, wet mix is to be struck off level with top of forms and bull floated to eliminate high and low spots and to force large particles back from surface in such manner as to prevent sealing of surface. After surface has been leveled and smoothed, edging and jointing is to be done.

After waiting until normal bleeding has ceased, excess water is to be removed from surface of concrete before floating with an aluminum or magnesium float. Surface is then to be sealed by steel troweling and re-edged and re-jointed. Surface is to be lightly broomed transversely, with care taken to eliminate, or fill, joints left by edging tool. Curing procedures are to begin immediately upon final finishing of surface.

Concrete surface is to be constructed level and smooth with lightly broomed surface. Variations in level of surface as measured from 5 foot straight edge that are greater than 1/8 inch, will be cause for rejection of concrete area located at unsatisfactory surface as bounded by joints surrounding such unsatisfactory surface.

F. Curing

Concrete is to be cured immediately by application of chemical curing compound. Curing compound is to be applied in accordance with manufacturer's instructions and as approved by Project Manager.

G. Barricades

Open excavations and freshly poured concrete areas are to be barricaded so as to prevent accidental intrusion into work area. Barricades in form of orange construction fencing or full saw horse type, are to be placed immediately after excavation, or after removal of any temporary access material. Barricades are to be placed so as to totally isolate construction area, and are to remain in place until concrete is finished and functional. In addition, post top mounted flashers or any other similar devices may be used along pavement edge.

H. Unsatisfactory Work

Concrete is to be constructed with surface, edges and joints being level, smooth, straight, and of proper alignment and thickness. Areas of improperly constructed concrete will be rejected, with imperfections being corrected, or rejected concrete area removed and replaced.

In lieu of correcting or removing and replacing rejected concrete areas due to an unsatisfactory surface, or improperly constructed joints or edges, Project Manager may choose to accept defective work. If Project Manager accepts any defective work, monetary reduction in amount owed Contractor will be made as outlined under General Terms and Conditions, Article 11 Warranty and Guarantee; Tests and Inspections; Correction, Removal or Acceptance of Defective Work, Section 11.7 Acceptance of Defective Work.

S608SW-3.07 Colored Decorative Concrete

Colored decorative concrete areas and subbase course are to be constructed in accordance with Subsection S608SW-3.06 Concrete Sidewalk and Driveway, except as modified herein.

Use same quality concrete mix design, water to cement ratio, and maintain consistent slump throughout project. Concrete surface is to be protected from rapid evaporation of bleed water. Use an evaporation reducer as recommended by color additive manufacturer. Do not use plastic sheeting or water to cure decorative colored concrete.

S608SW-3.08 Exposed Aggregate Concrete

Exposed aggregate concrete areas and subbase course are to be constructed in accordance with Subsection S608SW-3.06 Concrete Sidewalk and Driveway, except as modified herein.

Length of exposed aggregate concrete slab and contraction joints are to correspond to pattern of existing surface. Exposed aggregate concrete slab is to be constructed to grade and cross slope consistent with existing surface and surrounding area.

Contractor may propose changes to this specification in order to provide an end result which will match above referenced areas. All proposed changes must be approved by Project Manager prior to use.

Before construction of exposed aggregate concrete is to commence, construct sample area at least 25 square feet in size for approval by Project Manager. Sample area is to be constructed within project limits at location acceptable to Project Manager. Construct or reconstruct as many sample areas as necessary until an acceptable end product has been achieved.

Construction of overall exposed aggregate concrete areas cannot begin until approval of sample area has been obtained. If approved by Project Manager, sample area may be left in place and incorporated into overall work. Overall exposed aggregate concrete areas are to be constructed to match approved sample area. If sample area is not incorporated into overall work, sample area is to be removed and properly disposed of.

As soon as water sheen is no longer visible on finished concrete surface area, generally within 1 hour after placement of concrete, retarder is to be sprayed onto finished concrete surface area in accordance with manufacturer's instructions. Immediately after concrete area has been sprayed with retarder, concrete area is to be covered with polyethylene or curing blankets.

After sufficient time has passed to insure that surface aggregate is securely imbedded within concrete, concrete surface is to be power washed and broomed to produce desired exposed aggregate finish. Within 24 hours after exposed aggregate concrete surface has been flushed, exposed aggregate concrete surface is to be covered with sealant placed in accordance with manufacturer's instructions.

S608SW-3.09 Repair Existing Concrete

Project Manager will establish overall extent of concrete sidewalk area to be repaired. If any saw cutting of area, or use of jack hammer is necessary, use extreme caution so as to avoid any unnecessary damage of adjacent concrete sidewalk areas that are to remain. Repair area is to be dry, thoroughly cleaned of any loose materials, dust free, with abutting concrete areas structurally sound. Repair material is to be applied in accordance with manufacturer's recommendations. Before repair material hardens, surface is to be leveled and broomed to provide slip-resistant surface.

Repair areas must be protected until repair material has completely hardened. Flaggers and barricades are to be used if necessary when conditions warrant such use.

S608SW-3.10 Reshape Existing Concrete

Textural and elevation differences greater than 1/8 inch within 12 inches between adjacent concrete areas, is to be reshaped by grinding to slope of 1:12.

Elevation differences up to 1 inch between adjacent concrete areas are to be reshaped by either grinding, scarifying or texturing to minimum of 12 inches in width to eliminate elevation differential.

Any debris that cannot be captured within vacuum system must be confined to concrete surface area in general, and removed as soon as possible. To leave concrete surface in clean condition, all slurry residue is to be continuously removed during reshaping operation.

S608SW-3.11 Sidewalk Access Ramp

Sidewalk access ramps are to be concrete constructed in accordance with Section S608SW-3.06 Concrete Sidewalk and Driveway, except as modified herein.

Sidewalk access ramp is to be located so as to be totally accessible by wheelchair, and is to be free of any object which would prohibit or impede intended use of sidewalk access ramp. Sidewalk access ramp and pavement area immediately in front of sidewalk access ramp are to be free of any object which might tend to become slippery or icy during inclement weather; or which might have an exposed pattern that could conceivably prevent or impede usage of sidewalk access ramp by wheelchair. Sample of such objects would be handhole/manhole cover, catch basin grate, utility valves, et cetera.

At signalized intersections, sidewalk access ramp is to be located such that wheelchair bound pedestrian can activate pedestrian signal without having to stop on sidewalk access ramp. Crosswalk and stop line markings are to be located to stop traffic before sidewalk access ramp crossing.

Drainage structures are not to be located directly in front of sidewalk access ramp, but may be located within transition area. Low points should be designed such that catch basins are located before main sidewalk access ramp.

When establishing curb elevations and pavement edge profile, they may be adjusted so as to eliminate any low point and ponding of water that would occur within area of sidewalk access ramp. It is extremely important that all ponding of water within sidewalk access ramp area be eliminated, and intended use of sidewalk access ramp not be compromised by ponding of water.

Prior to excavation, pavement area immediately adjacent to sidewalk access ramp is to be flooded with water to determine if adjustment to proposed grades is necessary. It is important that all ponding of water within sidewalk access ramp be kept to an absolute minimum.

Sidewalk access ramp is to have uniform grade, free of bumps, sags or short abrupt grade changes, with maximum slope of 1:12.

Surface texture of sidewalk access ramp is to be obtained by coarse brooming concrete transverse to slope of sidewalk access ramp.

Sidewalk access ramp construction will be limited to one side of street at time. Concrete for sidewalk access ramp must be poured within 3 calendar days of area having been excavated. Only excavate areas that can be restored within 3 calendar days. Except for adverse weather conditions, under no other circumstances are excavated areas to remain open for greater than 3 calendar days. Sidewalk access ramp must be finished and functional before commencing any work on other side of street.

If required, temporarily backfill excavated area with subbase course Type 1 material until placement of concrete is to occur.

S608SW-3.12 Monolithic Concrete Curb and Sidewalk Access Ramp

Monolithic concrete curb and sidewalk access ramps, and subbase course, are to be constructed in accordance with Subsection S608SW-3.06 Concrete Sidewalk and Driveway, except as modified herein.

Monolithic concrete curb and sidewalk access ramp are to be cast together in one pour, with no joints other than construction joints. Joints and edges of concrete curb are to be finished smooth and plumb with an approved jointing tool which has minimum 5/8 inch radius, so made as to slightly round corners of joints and edges.

S608SW-3.13 Detectable Warning System

Preferred method for constructing detectable warning system is by using embedded or precast brick detectable warning units.

Surface applied method for constructing detectable warning system is generally not acceptable except in select locations, as deemed appropriate by and approved of by Project Manager.

At least 30 days prior to installation, Contractor is to submit copy of manufacturer's documentation to Project Manager for approval which describes products to be used, recommended installation procedures and recommended routine maintenance.

Contractor is to follow manufacturer's recommendations for environmental conditions, surface preparation, installation procedures, curing procedures, and materials compatibility.

A. Embedded or Precast Brick Detectable Warning System

Units are not to be installed when ambient air temperature is under 40°F, or is expected to fall below 40°F within following 24 hour period.

Cutting straight edges of units is to be done with water cooled radial cut-off type masonry saw for sharp, straight edge. Cutting circular edges of units is to be done with concrete hole saw which produces sharp circular edge.

Foundation is to be concrete constructed in accordance with Section S608SW-3.06 Concrete Sidewalk and Driveway. Concrete is to be formed and poured integral with surrounding sidewalk access ramp area, and surface is to be level, without any indentations or projections.

Weep hole is to be provided at low point in foundation. Weep hole is to be 2 inches in diameter, and extend thru concrete and into subbase course material. Weep hole can be installed by either coring hole after concrete has set up, or by installing 2 inch schedule 40 PVC drain pipe along with pouring concrete. PVC drain pipe is to extend above and thru concrete and is to be thoroughly supported so it remains plumb until concrete has set up. After concrete has set up, top of PVC drain pipe is to be cut off flush with top of concrete. Weep hole is to be thoroughly cleaned out of all cuttings and fines, then flooded with water. After water has completely dissipated, weep hole is to be filled with coarse sand material.

Coarse sand bedding material is to be placed on top of concrete foundation and thoroughly compacted to minimum thickness of 1 inch after compaction, moist but not saturated, with uniformly even surface.

Units are to be placed on bedding material in required pattern, with straight courses and hand tight joints. Units are to be tamped down and leveled, and after compaction are to be true to surrounding cross-slope and grade, and free of any movement.

Unit joints are to be filled with polymeric jointing sand. Before applying polymeric jointing sand material, surface of units must be completely dry as moisture will activate binder agent of polymeric jointing sand. Cover area with polymeric jointing sand, then sweep polymeric jointing sand over and into all joints until joints are overfilled. Sweep entire surface clean removing all excess polymeric jointing sand material. Compact overall area, repeating process until joints are filled solid with polymeric jointing sand. Lightly moisten polymeric jointing sand material with water several times at 5 to 10 minute intervals gradually moistening entire depth of joint.

B. Embedded and Precast Brick Detectable Warning System at Existing Location

Saw cut perimeter of existing area to dimensions necessary to install detectable warning system. Saw cuts are to be done with an abrasive diamond type blade, full depth of existing material. Saw cut edges are to be smooth and straight, with unbroken corners. Remove and dispose of existing material.

Installation is to be in accordance with Subsection S608SW-3.13A Embedded or Precast Brick Detectable Warning System

C. Surface-Applied Detectable Warning System at New or Existing Location

Surface-applied detectable warning system is to be installed in accordance with manufacturer's recommendations.

S608SW-3.14 Concrete Entrance Walk

Concrete entrance walks are defined as those walks which are privately owned, and generally extend from public sidewalk back to house or building, providing means of pedestrian access.

Concrete entrance walks are to be constructed in accordance with Section S608SW-3.06 Concrete Sidewalk and Driveway, except as modified herein.

Concrete entrance walks are to be constructed with pattern, grades and cross slope consistent with existing walk and surrounding area.

S608SW-3.15 Concrete Steps

Concrete steps are to be constructed in accordance with Section S608SW-3.06 Concrete Sidewalk and Driveway, except as modified herein.

Concrete steps are to be constructed with pattern, grades and cross slope consistent with existing walk and surrounding area.

Concrete steps are to be minimum of 3 feet wide for residential properties, and 4 feet wide for commercial properties. Risers and treads are to be of uniform size and shape. Riser height is to be between 4 inches and 7 inches, tread is to be minimum 11 inches. Tolerance between largest and smallest riser/tread is not to exceed 3/8 of an inch within any set of steps. All edges are to be rounded with 1/2 inch radius.

S608SW-3.16 Heavy-Duty Commercial Concrete Driveway

Heavy-duty commercial concrete driveways are for businesses that generate significant amount of semi-tractor trailer truck traffic. Coordinate with individual businesses that are directly affected by work to schedule construction activities such as to minimize as much as possible any disruption of business's daily operations.

If required by Project Manager, temporary driveway access is to be provided until permanent driveway restoration can be done.

Area on which concrete is to be placed is to be excavated, and subgrade shaped and compacted with vibratory compactor to relatively smooth surface. Soft areas in subgrade are to be eliminated in order to provide uniform support of concrete.

Finished subgrade is to be parallel to surface of proposed grade. Before compacting subgrade material, cull material of all large stones, tree roots, or any other foreign substances. Use subbase course Type 4 material to adjust subgrade elevations and to replace unsuitable subgrade material. Subbase course material is to be thoroughly compacted and wetted prior to placement of concrete.

When excavating and removing an existing paved area, take any necessary precaution to prevent any damage from occurring to adjacent paved areas that are to remain. Perimeter of existing paved area to be excavated is to be saw cut full depth with concrete saw before starting excavation. Saw cut and excavate existing concrete areas at nearest joint.

Forms are to be minimum of 5 inches high, free from warp and have sufficient strength to resist springing out of shape. Nominal thickness of wood forms is to be 2 inches, except for those in areas with curved construction lines. Before being used, forms are to be thoroughly cleaned of any mortar, concrete, dirt or any other extraneous materials.

Forms are to be well staked or otherwise held to established construction lines, with upper edges conforming to established grade. Before placing concrete, wood forms are to be thoroughly wetted, and steel forms oiled. In areas where concrete placement crosses other paved areas, forms are to be carried through area to provide uniform width of concrete.

Scoring pattern and final location of joints must be approved by Project Manager prior to construction of such.

Subbase course is to be constructed in accordance with requirements of NYSDOT Section 304 Subbase Course.

Welded wire fabric is to be placed in accordance with requirements of NYSDOT Section 556 Reinforcing Steel for Concrete Structures.

Concrete and construction joint is to be constructed in accordance with requirements of NYSDOT Section 555 Structural Concrete.

S608SW-3.17 Asphalt Driveway

Asphalt top is to be placed in accordance with NYSDOT Section 401 Plant Mix Pavements – General. Asphalt binder and base is to be placed in accordance with NYSDOT Sections 401 Plant Production and 402 Hot Mix Asphalt (HMA) Pavements.

Subbase course Type 2 material is to be placed in accordance with NYSDOT Section 304 Subbase Course.

Seams between existing and new asphalt surfaces is to be sealed with asphalt joint and crack filler material in accordance with NYSDOT Section 702 Bituminous Materials.

S608SW-3.18 Temporary Driveway

Temporary driveway is to blend in with adjacent slopes and grades, is to be constructed and operational before existing driveway access is closed, and is to be maintained to provide adequate access at all times until permanent driveway is operational.

Excavate area to depth sufficient to construct temporary driveway, and if necessary remove existing curb. Remove any features such as fencing, guide rail, bollards, or any other miscellaneous features that are in way. Store removed features in safe location until they can be reinstalled.

After permanent driveway has been constructed and is operational, temporary driveway is to be removed. Backfill excavation with select backfill material excavated from site, and restore surface as required.

S608SW-3.19 Brick

Brick is to be placed in pattern as required in Contract Documents, and to uniformly even surface. Brick is not to be installed when ambient air temperature is under 40°F, or is expected to fall below 40°F within following 24 hour period.

Cutting straight edges of brick is to be done with water cooled radial cut-off type masonry saw for sharp, straight edge. Cutting circular edges of brick is to be done with concrete hole saw which produces sharp circular edge.

Premoulded expansion joint material, 1/2 inch in thickness, is to be placed between edges of brick construction where it butts up against back edge of curb, concrete gutter, concrete areas, buildings, walls, around pole bases, and any other structure/appurtenance located within area of brick construction. Top of premoulded expansion joint material is to be recessed 5/8 inch below top of brick, with recessed area filled in with caulking sealant.

Subbase material is to be minimum of 6 inches thick, and is to be subbase course type 1 material. Bottom of subbase material is to be even with or below bottom of surrounding subbase material.

Surface of underlying subbase material should be thoroughly clean and dry before installation of bedding material. Screed rails should be set on surface of subbase to proper line and level. Verify elevations of subbase to ensure that bedding material will be at consistent thickness after compaction, with isolated high and low spots being corrected before placement of bedding material. Bedding material should not be used to bring subbase to proper grade.

An allowance should be made in overall thickness of setting bed material for compaction during brick installation. Overall placement thickness of setting bed material should be established so that after brick has been compacted, top surface of brick will be maximum of 1/8 inch above finished grade to allow for limited in-service settlement.

To prevent disturbance, bedding material should not be spread too far ahead of brick laying face. Voids left after removing screed rails should be filled. Protect screeded bedding material from wind or rain as well as by wayward construction operations. If bedding material is disturbed, it is to be loosened and rescreeded. Extensive areas of screeded bedding material should not be left exposed overnight unless they are properly protected from disturbance and moisture. Moisture content of bedding material should be kept as uniform as possible to minimize undulations in brick surface, and should be kept in damp condition conducive to packing. Water should not be applied except by very light misting. Stockpiled bedding material is to be covered to protect it from wind and rain.

Install rigid paver edge restraint material along outer edge of brick driveways, and across entire opening of any adjacent open tree pit located within brick sidewalk area. Paver edge restraint is to be installed in accordance with Subsection S608SW-3.27 Paver Edge Restraint. Paver edge restraint is not required where concrete foundation is being installed as part of brick construction,

Bricks are to be placed by hand on bedding material, in required pattern, with straight courses. Bricks should be tamped down and leveled with mechanical vibrator. After compaction, top of brick is to be maximum 1/8 inch above finished grade, true to surrounding cross-slope and grade, and free of any movement.

Joints between bricks are to be between 1/16 and 3/16 of an inch, with no joint width to exceed 3/16 of an inch. Joints are to be filled with polymeric jointing sand to within 1/8 inch of brick surface after compaction. Before applying polymeric jointing sand material, surface of brick must be completely dry as moisture will activate binder agent of polymeric jointing sand. Cover area with polymeric jointing sand, then sweep polymeric jointing sand over and into all joints until joints are overfilled. Sweep entire surface clean removing all excess polymeric jointing sand material as soon as possible so polymeric jointing sand does not get stuck in surface texture of brick. Compact overall area, repeating process until joints are filled solid with polymeric jointing sand. Lightly moisten polymeric jointing sand material with water several times at 5 to 10 minute intervals gradually moistening entire depth of joint.

S608SW-3.20 Brick – Optional Concrete Foundation

Brick is to be constructed in accordance with Subsection S608SW-3.19 Brick, except as modified herein.

Foundation is to be concrete in accordance with Section S608SW-3.06 Concrete Sidewalk and Driveway. Surface of concrete is to be level, without any indentations or projections.

Weep hole is to be provided for every 100 square feet of brick area, and at any low point in foundation. Weep hole is to be 2 inches in diameter, and extend thru concrete and into subbase course material. Weep hole can be installed by either coring hole after concrete has set up, or by installing 2 inch schedule 40 PVC drain pipe along with pouring concrete. PVC drain pipe is to extend above and thru concrete and is to be thoroughly supported so it remains plumb until concrete has set up. After concrete has set up, top of PVC drain pipe is to be cut off flush with top of concrete. Weep hole is to be thoroughly cleaned out of all cuttings and fines, then flooded with water. After water has completely dissipated, weep hole is to be filled with coarse sand material.

Coarse sand bedding material is to be placed on top of concrete foundation and thoroughly compacted to minimum thickness of 1 inch after compaction, moist but not saturated, with uniformly even surface.

S608SW-3.21 Brick Border - Bus Stop Landing Pad

Brick border at bus stop landing pad is to be constructed in accordance with Subsection S608SW-3.19 Brick and S608SW-3.20 Brick – Optional Concrete Foundation, except as modified herein.

Weep holes are to be provided every 4 feet on center, and at any low point in foundation.

S608SW-3.22 Reset Existing Brick

Reset existing brick is to be constructed in accordance with Subsection S608SW-3.19 Brick and S608SW-3.20 Brick – Optional Concrete Foundation, except as modified herein.

Caution is to be taken in removing existing brick to minimize any breakage. Brick is to be cleaned of all foreign or extraneous matter. Removal and cleaning of brick is to be done such that overall structural integrity of brick is maintained. Brick is to be stored at location that is safe from damage, and is to be placed on level ground which will provide even bearing across brick surface. Work is to be phased so as to reduce to minimum amount of time brick is to be stored.

Existing bedding material is to be removed and properly disposed of, and new coarse sand bedding course material installed.

If required, existing foundation is to be removed and properly disposed of, and new concrete foundation complete with weep holes is to be constructed.

S608SW-3.23 Salvage Existing Brick

Use extra caution when removing and handling existing brick that is to be salvaged, and when working adjacent to brick areas that are to remain, so that there is to be no breakage caused by ongoing operations. Existing brick that is to be salvaged, and is damaged due to Contractor's operations, is to be replaced with new brick. Replacement brick is to match existing brick in general size, thickness, shape, form and color as much as possible.

Project Manager will pre-determine which existing bricks are structurally acceptable to be salvaged. Carefully excavate around and remove existing brick such that overall structural integrity of brick is not compromised. Clean removed brick of all extraneous materials, including concrete, in such manner as to be non-deleterious to brick. Existing brick that is broken during excavation, salvage or cleaning operations, is to be disposed of.

Salvaged brick is to be stored at location that is safe and secure from damage by Contractor's ongoing operations, and from vandalism, theft or other mishap. Brick is not to be stacked more than five high, with bottom row placed on level ground to provide even bearing across entire brick surface. Work is to be phased so as to reduce to minimum amount of time brick is to be stored.

If required, salvaged brick that was installed by an adjacent property owner is to be placed and stacked on owner's property, and off of public right-of-way.

If required, after removing existing brick, existing setting bed material and/or foundation is to be removed and properly disposed of.

S608SW-3.24 Slate/Stone Paver

A. General

Use extra caution when handling and installing slate/stone paver, and when working adjacent to existing slate/stone paver areas that are to remain, so that there is to be no breakage caused by ongoing operations.

Slate/stone paver is to be stored at location that is safe and secure from damage by Contractor's ongoing operations, and from vandalism, theft or other mishap. Slate/stone paver is not to be stacked more than five high, with bottom row placed on level ground to provide even bearing across entire slate/stone paver surface. Individual layers of stacked slate/stone paver are to be separated with 2x2 wooden sticker strips placed across entire surface of slate/stone paver. Work is to be phased so as to reduce to minimum amount of time slate/stone paver is to be stored.

Slate/stone paver is to be placed in pattern as required in Contract Documents, and to uniformly even surface. Slate/stone paver is not to be installed when ambient air temperature is under 40°F, or is expected to fall below 40°F within following 24 hour period.

Premoulded expansion joint material, 1/2 inch in thickness, is to be placed between edges of slate/stone construction where it butts up against back edge of curb, concrete gutter, concrete areas, buildings, walls, around pole bases, and any other structure and appurtenance located within area of slate/stone construction. Top of premoulded expansion joint material is to be recessed 5/8 inch below top of slate/stone, with recessed area filled in with caulking sealant.

Install rigid paver edge restraint material along outer edge of slate/stone paver driveways, and across entire opening of any adjacent open tree pit located within slate/stone paver sidewalk area. Paver edge restraint is to be installed in accordance with Subsection S608SW-3.27 Paver Edge Restraint. Paver edge restraint is not required where concrete foundation is being installed as part of slate/stone paver construction,

Cutting edges of slate/stone paver is to be done with stone or diamond cut-off type saw for sharp, straight edges. Cutting diagonal edges of slate/stone paver is to be done with angle grinder following pre-marked line on slate/stone paver.

Slate/stone pavers are to be placed by hand on bedding material, in required pattern, with straight courses. Slate/stone pavers are to be tamped down and leveled with mechanical vibrator. After compaction, top of slate/stone paver is to be maximum 1/8 inch above finished grade, true to surrounding cross-slope and grade, and free of any movement.

Joints for slate and rock-face cut stone paver are to be between 3/8 and 3/4 of an inch, with no joint width to exceed 3/4 of an inch. Joints for small ashlar cut stone paver are to be between 1/16 and 3/16 of an inch, with no joint width to exceed 3/16 of an inch. Joints are to be filled with polymeric jointing sand. Before applying polymeric jointing sand material, surface of slate/stone paver must be completely dry as moisture will activate binder agent of polymeric jointing sand. Cover area with polymeric jointing sand, then sweep polymeric jointing sand over and into all joints until joints are overfilled. Sweep entire surface clean removing all excess polymeric jointing sand material. Compact overall area, repeating process until joints are filled solid with polymeric jointing sand. Lightly moisten polymeric jointing sand material with water several times at 5 to 10 minute intervals gradually moistening entire depth of joint.

B. Light-Duty

Subbase material is to be minimum of 6 inches thick, and is to be subbase course type 1 material. Bottom of subbase material is to be even with or below bottom of surrounding subbase material.

Bedding is to be coarse sand bedding material.

Surface of underlying subbase material should be thoroughly clean and dry before installation of bedding material. Verify elevations of subbase to ensure that bedding material will be at consistent thickness after compaction, with isolated high and low spots being corrected before placement of bedding material. Bedding material should not be used to bring subbase to proper grade.

Screed rails should be set on surface of subbase to proper line and level.

An allowance should be made in overall thickness of bedding material for compaction during slate/stone paver installation, and for additional in service settlement. Overall placement thickness of bedding material should be established so that after slate/stone pavers have been compacted, top surface of slate/stone pavers will be maximum of 1/8 inch above finished grade to allow for limited settling in place.

To prevent disturbance, bedding material should not be spread too far ahead of slate/stone paver laying face. Voids left after removing screed rails should be filled. Protect screeded bedding material from wind or rain as well as by wayward construction operations. If bedding material is disturbed, it is to be loosened and rescreeded. Extensive areas of screeded bedding material should not be left exposed overnight unless they are properly protected from disturbance and moisture. Moisture content of bedding material should be kept as uniform as possible to minimize undulations in slate/stone paver surface, and should be kept in damp condition conducive to packing. Water should not be applied except by very light misting. Stockpiled bedding material is to be covered to protect it from wind and rain.

C. Medium-Duty

Foundation is to be concrete constructed in accordance with Section S608SW-3.06 Concrete Sidewalk and Driveway. Surface of concrete is to be level, without any indentations or projections.

Weep hole is to be provided for every 100 square feet of slate/stone paver area, and at any low point in foundation. Weep hole is to be 2 inches in diameter, and extend thru concrete and into subbase course material. Weep hole can be installed by either coring hole after concrete has set up, or by installing 2 inch schedule 40 PVC drain pipe along with pouring concrete. PVC drain pipe is to extend above and thru concrete and is to be thoroughly supported so it remains plumb until concrete has set up. After concrete has set up, top of PVC drain pipe is to be cut off flush with top of concrete. Weep hole is to be thoroughly cleaned out of all cuttings and fines, then flooded with water. After water has completely dissipated, weep hole is to be filled with coarse sand material.

Coarse sand bedding material is to be placed on top of foundation, with an allowance being made in overall thickness for compaction during slate/stone paver installation, and for additional in-service settlement. Overall placement thickness of bedding material should be established so that after slate/stone pavers have been compacted, top surface of slate/stone pavers will be maximum of 1/8 inch above finished grade to allow for limited settling in place.

To prevent disturbance, bedding material should not be spread too far ahead of slate/stone paver laying face. Voids left after removing screed rails should be filled. Protect screeded bedding material from wind or rain as well as by wayward construction operations. If bedding material is disturbed, it is to be loosened and rescreeded. Extensive areas of screeded bedding material should not be left exposed overnight unless they are properly protected from disturbance and moisture.

Moisture content of bedding material should be kept as uniform as possible to minimize undulations in slate/stone paver surface, and should be kept in damp condition conducive to packing. Water should not be applied except by very light misting.

Stockpiled bedding material is to be covered to protect it from wind and rain.

S608SW-3.25 Reset Existing Slate/Stone Paver

Reset existing slate/stone pavers are to be constructed in accordance with Subsection S608SW-3.24 Slate/Stone Paver, except as modified herein.

Use extra caution when removing and handling existing slate/stone paver that is to be reset, and when working adjacent to slate/stone paver areas that are to remain, so that there is to be no breakage caused by ongoing operations.

Existing slate/stone paver that is to be reset, and is damaged due to Contractor's operations, is to be replaced with new slate/stone paver. Replacement slate/stone paver is to match existing slate/stone paver in general size, thickness, shape, form and color as much as possible.

Project Manager will pre-determine which existing slate/stone pavers are structurally acceptable to be reset. Carefully excavate around and remove existing slate/stone paver such that overall structural integrity of slate/stone paver is not compromised. Clean removed slate/stone paver of all extraneous materials, including concrete, in such manner as to be non-deleterious to slate/stone paver. Existing slate/stone paver that is broken during excavation, salvage or cleaning operations, is to be disposed of.

Slate/stone paver that is to be reset, is to be stored at location that is safe and secure from damage by Contractor's ongoing operations, and from vandalism, theft or other mishap. Slate/stone paver is not to be stacked more than five high, with bottom row placed on level ground to provide even bearing across entire slate/stone paver surface. Individual layers of stacked slate/stone paver are to be separated with 2x2 wooden sticker strips placed across entire surface of slate/stone paver. Work is to be phased so as to reduce to minimum amount of time slate/stone paver is to be stored.

Existing bedding material is to be removed and properly disposed of, and new coarse sand bedding material installed.

If required, existing foundation is to be removed and properly disposed of, and new concrete foundation with weep holes is to be constructed.

S608SW-3.26 Salvage Existing Slate/Stone Paver

Use extra caution when removing and handling existing slate/stone paver that is to be salvaged, and when working adjacent to slate/stone paver areas that are to remain, so that there is to be no breakage caused by ongoing operations. Existing slate/stone paver that is to be salvaged, and is damaged due to Contractor's operations, is to be replaced with new slate/stone paver. Replacement slate/stone paver is to match existing slate/stone paver in general size, thickness, shape, form and color as much as possible.

Project Manager will pre-determine which existing slate/stone pavers are structurally acceptable to be salvaged. Carefully excavate around and remove existing slate/stone paver such that overall structural integrity of slate/stone paver is not compromised. Clean removed slate/stone paver of all extraneous materials, including concrete, in such manner as to be non-deleterious to slate/stone paver. Existing slate/stone paver that is broken during excavation, salvage or cleaning operations, is to be disposed of.

Slate/stone paver that is to be salvaged, is to be stored at location that is safe and secure from damage by Contractor's ongoing operations, and from vandalism, theft or other mishap. Slate/stone paver is not to be stacked more than five high, with bottom row placed on level ground to provide even bearing across entire slate/stone paver surface. Individual layers of stacked slate/stone paver are to be separated with 2x2 wooden sticker strips placed across entire surface of slate/stone paver. Work is to be phased so as to reduce to minimum amount of time slate/stone paver is to be stored.

On cleaned side surface, label width and running length of individual slate/stone paver with marking paint.

Salvaged slate/stone paver is to be delivered to City's Street Maintenance Division, 945 Mt. Read Boulevard, Rochester, New York, Monday through Friday, between hours of 8:00AM and 3:00PM, (585) 428-7479. Street Maintenance Division requires minimum of 2 working days advance notice to make arrangements for delivery of salvaged materials.

Salvaged slate/stone paver is to be delivered to location as designated by Street Maintenance Division. Slate/stone paver is to be stacked no more than five high, with bottom row placed on level ground to provide even bearing across entire slate/stone paver surface. Individual layers of stacked slate/stone paver are to be separated with 2x2 wooden sticker strips placed across entire surface of slate/stone paver.

If required, after removing existing slate/stone paver, existing setting bed material and/or foundation is to be removed and properly disposed of.

S608SW-3.27 Paver Edge Restraint

Install rigid paver edge restraint material along outer edge of brick/slate/stone paver driveways, and across entire opening of any adjacent open tree pit located within brick/slate/stone paver sidewalk area. Paver edge restraint is not required where concrete foundation is being installed as part of brick/slate/stone paver construction.

Paver edge restraint material is to provide secure rigid edge restraint against which to install brick, slate or stone paver, and coarse sand bedding material. Paver edge restraint is to be installed on top of compacted subbase material, and anchored into subbase material with 10 to 12 inch long spikes or soil nails, or as recommended by manufacturer. After paver edge restraint has been properly installed, place and compact coarse sand bedding material, and brick, slate or stone paver.

S608SW-3.28 Coarse Sand Bedding Material

Surface of underlying subbase material should be thoroughly clean and dry before installation of bedding material. Verify elevations of subbase to ensure that bedding material will be at consistent thickness after compaction, with isolated high and low spots being corrected before placement of bedding material. Bedding material should not be used to bring subbase to proper grade.

Screed rails should be set on surface of subbase to proper line and level. An allowance should be made in overall thickness of bedding material for compaction during pavement material installation, and for additional in service settlement. Overall placement thickness of bedding material should be established so that after pavement material has been compacted, top surface of pavement material will be maximum of 1/8 inch above finished grade to allow for limited settling in place.

To prevent disturbance, bedding material should not be spread too far ahead of pavement material laying face. Voids left after removing screed rails should be filled. Protect screeded bedding material from wind or rain as well as by wayward construction operations. If bedding material is disturbed, it is to be loosened and rescreeded. Extensive areas of screeded bedding material should not be left exposed overnight unless they are properly protected from disturbance and moisture. Moisture content of bedding material should be kept as uniform as possible to minimize undulations in pavement material surface, and should be kept in damp condition conducive to packing. Water should not be applied except by very light misting. Stockpiled bedding material is to be covered to protect it from wind and rain.

S608SW-3.29 Replace Existing Coarse Sand Bedding Material

Existing bedding material is to be removed and properly disposed of. Subgrade is to be prepared and new coarse sand bedding material placed in accordance with Subsection S608SW-3.28 Coarse Sand Bedding Material.

S608SW-4 METHOD OF MEASUREMENT

S608SW-4.01 General

Quantity to be measured for payment will be either number of square feet, linear feet or cubic yards of each item either constructed, reset or salvaged.

S608SW-4.02 Concrete Sidewalk

Measurement and payment for concrete sidewalk will be at 5 inches and 7 inches thickness.

Under these pay units, separate measurement and payment will be made for individual areas that comprise total of 250 square feet or more.

S608SW-5 BASIS OF PAYMENT

S608SW-5.01 General all Items

Unit price bid for all items includes cost of: preserve, safeguard and maintain survey monument; coordinating work with adjacent businesses; furnishing and distributing written notification to residents of adjacent properties; plastic bags; protection of overall work from damage, vandalism or other mishap; furnishing, installing and maintaining barricades; flaggers; furnishing, placing, maintaining and removing temporary access; layout of proposed work to required grade and cross-slope; quality control; saw cutting; cutting and disposal of tree roots; preparation of subgrade; furnishing and applying water; expansion joints; furnishing and installing premoulded expansion joint material; caulking sealant; adjustment of appurtenances such as monument frames and covers, utility valve box frames and covers, utility manhole/handhole/pullbox frames and covers, et cetera; furnishing and installing topsoil, seed, hydroseed, sod, mulch fertilizer; cleaning finished work; equipment; site cleanup; correction or replacement of unsatisfactory work; and furnishing all labor, material and equipment necessary to complete work.

Adjustment or replacement of areaway/vault frames and covers, areaway/vault frames and hatchway doors, and window well frames and grates, will be paid for under separate bid items.

Removal of unsatisfactory subgrade material and installation of additional subbase course material as replacement backfill for additional excavated area, will be paid for under separate bid items.

Restoration of lawn areas including furnishing and installing topsoil, seed, hydroseed, sod, mulch and fertilizer, will be paid for under separate bid items.

Restoration or replacement of existing features, including paved areas, which are damaged by Contractor's operations, will be done at Contractor's expense.

If City requires Contractor to return to previously completed City block area, "call back" work will be paid for at 1.2 times unit price bid for work requested.

S608SW-5.02 Excavation and Subbase Course

Excavation and subbase course will be paid for under separate bid items or included in unit price bid for each item as indicated in item description.

Excavation includes complete removal and disposal of existing materials, paved areas including concrete, asphalt or other pavement material types, tree roots, dirt, and any other material encountered within area to be excavated.

Excavation that is included in pay item does not include rock excavation. Rock excavation will be paid for under separate bid item. Rock excavation consists of boulders exceeding 1/2 cubic yard in volume; and ledge rock which cannot in opinion of Project Manager, be removed without blasting or use of pneumatic hammers. Concrete pavements and pavement foundations, and utility appurtenances will not be considered rock.

S608SW-5.03 Concrete Sidewalk and Driveway – all Related Bid Items

Unit price bid also includes cost of: flooding pavement with water; layout of pavement, curb, sidewalk, sidewalk access ramp cross-slopes and grades; construction of sidewalk access ramp; furnishing, placing and finishing concrete; forms; edges; construction, transverse and longitudinal joints; scoring pattern; joints at appurtenances; curing compounds; brooming; polyethylene or curing blankets; conforming to joint tolerance and quality requirements.

In addition, unit price bid for following individual work items will also include cost of:

A. Concrete Sidewalk and Driveway – 5 Inch and 7 Inch Thickness

Unit price bid also includes cost of: all required work necessary to construct concrete sidewalk and driveways at specified thickness.

B. Colored Decorative Concrete – 5 Inch and 7 Inch Thickness

Unit price bid also includes cost of: all required work necessary to construct colored decorative concrete slab at specified thickness; color admixture; evaporation reducer; sealer.

C. Exposed Aggregate Concrete – 5 Inch and 7 Inch Thickness

Unit price bid also includes cost of: all required work necessary to construct exposed aggregate concrete slab at specified thickness; constructing and removing sample(s); surface retardant; power washing; additional brooming; sealer.

D. Concrete Sidewalk Access Ramp

Unit price bid also includes cost of: all required work necessary to construct complete concrete sidewalk access ramp slab.

E. Monolithic Concrete Curb and Sidewalk Access Ramp

Unit price bid also includes cost of: all required work necessary to construct complete monolithic concrete curb and sidewalk access ramp slab.

F. Concrete Entrance Walk

Unit price bid also includes cost of: all required work necessary to construct concrete entrance walk.

G. Concrete Steps

Unit price bid also includes cost of: all required work necessary to construct concrete steps.

H. Heavy-Duty Commercial Concrete Driveway

Unit price bid also includes cost of: all required work necessary to construct heavy-duty commercial concrete driveway; contraction and construction joints; tie bars; uncoated steel reinforcement.

S608SW-5.04 Detectable Warning System – all Methods

Unit price bid also includes cost of: furnishing sample(s); preparation of existing surface; furnishing, cutting, placing and finishing detectable warning system; doing work in accordance with manufacturer's recommendations.

For embedded detectable warning system, unit price bid will also include cost of: furnishing and installing cored or PVC weep holes; cleaning, flooding and filling weep holes.

For precast brick detectable warning system, unit price bid will also include cost of: furnishing, compacting and placing coarse sand bedding material; polymeric jointing sand; furnishing and installing cored or PVC weep holes; cleaning, flooding and filling weep holes.

Excavation, furnishing and installing concrete foundation and subbase course material will be paid for under appropriate concrete sidewalk bid item.

S608SW-5.05 Detectable Warning System at Existing Location – all Methods

Unit price bid also includes cost of: furnishing sample(s); preparation of existing surface; furnishing, cutting, placing and finishing detectable warning system; doing work in accordance with manufacturer's recommendations.

For embedded detectable warning system, unit price bid will also include cost of: excavation; additional saw cutting; removing and disposing existing material; furnishing and installing new concrete foundation and

subbase course material; furnishing and installing cored or PVC weep holes; cleaning, flooding and filling weep holes.

For precast brick detectable warning system, unit price bid will also include cost of: excavation; additional saw cutting; furnishing, compacting and placing coarse sand bedding material; removing and disposing existing material; furnishing and installing new concrete foundation and subbase course material; polymeric jointing sand; furnishing and installing cored or PVC weep holes; cleaning, flooding and filling weep holes.

S608SW-5.06 Repair Existing Concrete

Unit price bid also includes cost of: preparation of existing concrete surface to be repaired; excavation and removal of existing material; furnishing and placing concrete repair mixture and slurry bond coat.

S608SW-5.07 Reshape Existing Concrete

Unit price bid also includes cost of: excavation; preparation of existing concrete surface to be reshaped; reshaping area by grinding, scarifying or texturing; containing airborne particles; removing debris and slurry residue.

S608SW-5.08 Asphalt Driveway

Unit price bid also includes cost of: excavation; furnishing and placing asphalt top; asphalt joint and crack filler; subbase course material.

For medium-duty driveway, unit price bid will also include cost of: furnishing and placing asphalt binder course.

For heavy-duty driveway, unit price bid will also include cost of: furnishing and placing asphalt binder and asphalt base courses.

S608SW-5.09 Temporary Driveway

Unit price bid also includes cost of: excavation; furnishing, installing, maintaining, removing and disposing asphalt and subbase course material; removing, cleaning, storing and reinstalling curb or other materials as specified.

S608SW-5.10 Brick; Brick – Cultural District

Unit price bid also includes cost of: furnishing and installing brick; coarse sand bedding material; furnishing and installing cored or PVC weep holes for concrete foundation; cleaning, flooding and filling weep holes; brooming; polymeric jointing sand; compaction; cutting brick; patterning.

Furnishing and installing concrete foundation and subbase course material will be paid for under appropriate concrete sidewalk bid item.

Furnishing and installing paver edge restraint will be paid for under separate bid item.

S608SW-5.11 Brick Border - Bus Stop Landing Pad

Unit price bid also includes cost of: furnishing and installing brick; coarse sand bedding material; furnishing and installing cored or PVC weep holes for concrete foundation; cleaning, flooding and filling weep holes; brooming; polymeric jointing sand; compaction; cutting brick; patterning.

Furnishing and installing concrete foundation and subbase course material will be paid for under appropriate concrete sidewalk bid item.

Furnishing and installing paver edge restraint will be paid for under separate bid item.

S608SW-5.12 Reset Existing Brick; Reset Existing Brick – Cultural District

Unit price bid also includes cost of: removing, storing, cleaning, cutting and reinstalling existing brick; removing and disposing existing bedding material; furnishing and installing new coarse sand bedding material; furnishing and installing cored or PVC weep holes for concrete foundation; cleaning, flooding and filling weep holes; brooming; polymeric jointing sand; compaction; patterning.

Furnishing and installing concrete foundation and subbase course material will be paid for under appropriate concrete sidewalk bid item, or included in unit price bid for each item as indicated in item description.

Furnishing and installing paver edge restraint will be paid for under separate bid item.

S608SW-5.13 Salvage Existing Brick

Unit price bid also includes cost of: excavation; removing, cleaning and storing brick; furnishing new brick as replacement for existing brick damaged by Contractor's negligence; disposal of damaged brick; placing and stacking salvaged brick on adjacent private property; removing and disposing existing concrete foundation; backfill.

S608SW-5.14 Slate/Stone Paver – Light Duty

Unit price bid also includes cost of: furnishing, cutting and installing slate/stone paver; coarse sand bedding material; polymeric jointing sand; compaction; patterning.

Furnishing and installing paver edge restraint will be paid for under separate bid item.

S608SW-5.15 Slate/Stone Paver – Medium-Duty

Unit price bid also includes cost of: furnishing, cutting and installing slate/stone paver; coarse sand bedding material; concrete foundation; subbase course material; furnishing and installing cored or PVC weep holes; cleaning, flooding and filling weep holes; brooming; polymeric jointing sand; compaction; patterning.

Furnishing and installing paver edge restraint will be paid for under separate bid item.

S608SW-5.16 Reset Existing Slate/Stone Paver

Unit price bid also includes cost of: removing, storing, cleaning, cutting and reinstalling existing slate/stone paver; furnishing new slate/stone paver as replacement for existing slate/stone paver damaged by Contractor's negligence; removing and disposing existing bedding material; furnishing and installing new coarse sand bedding material; furnishing and installing cored or PVC weep holes for concrete foundation; cleaning, flooding and filling weep holes; brooming; polymeric jointing sand; compaction; patterning.

Furnishing and installing concrete foundation and subbase course material will be paid for under appropriate concrete sidewalk bid item, or included in unit price bid for each item as indicated in item description.

Furnishing and installing paver edge restraint will be paid for under separate bid item.

S608SW-5.17 Salvage Existing Slate/Stone Paver

Unit price bid also includes cost of: excavation; removing, cleaning, storing, delivering and stock piling slate/stone paver; furnishing new slate/stone paver as replacement for existing slate/stone paver damaged by Contractor's negligence; labeling; sticker strips; disposal of damaged slate/stone paver; removing and disposing existing concrete foundation; backfill.

S608SW-5.18 Paver Edge Restraint

Unit price bid also includes cost of: furnishing and installing paver edge restraint.

S608SW-5.19 Coarse Sand Bedding Material

Unit price bid also includes cost of: furnishing, placing and compacting coarse sand bedding material.

S608SW-5.20 Replace Existing Coarse Sand Bedding Material

Unit price bid also includes cost of: excavation; removing and disposing existing bedding material; preparing existing subgrade; furnishing, placing and compacting new coarse sand bedding material.

Payment will be made under:

ITEM NO.	ITEM	PAY UNIT
S608SW.6001	5" Thick Concrete Sidewalk	Square Foot
S608SW.6002	5" Thick Concrete Sidewalk (Including Excavation)	Square Foot
S608SW.6003	5" Thick Concrete Sidewalk (Including Excavation and Subbase Course)	Square Foot
S608SW.6011	5" Thick Concrete Sidewalk - 250 Square Feet Area and Over	Square Foot
S608SW.6012	5" Thick Concrete Sidewalk - 250 Square Feet Area and Over (Including Excavation)	Square Foot
S608SW.6013	5" Thick Concrete Sidewalk - 250 Square Feet Area and Over (Including Excavation and Subbase Course)	Square Foot
S608SW.6101	7" Thick Concrete Sidewalk	Square Foot
S608SW.6102	7" Thick Concrete Sidewalk (Including Excavation)	Square Foot
S608SW.6103	7" Thick Concrete Sidewalk (Including Excavation and Subbase Course)	Square Foot
S608SW.6111	7" Thick Concrete Sidewalk - 250 Square Feet Area and Over	Square Foot
S608SW.6112	7" Thick Concrete Sidewalk - 250 Square Feet Area and Over (Including Excavation)	Square Foot
S608SW.6113	7" Thick Concrete Sidewalk - 250 Square Feet Area and Over (Including Excavation and Subbase Course)	Square Foot
S608SW.6201	Concrete Sidewalk Access Ramp	Square Foot
S608SW.6202	Concrete Sidewalk Access Ramp (Including Excavation)	Square Foot
S608SW.6203	Concrete Sidewalk Access Ramp (Including Excavation and Subbase Course)	Square Foot
S608SW.6301	Monolithic Concrete Curb and Sidewalk Access Ramp	Square Foot
S608SW.6302	Monolithic Concrete Curb and Sidewalk Access Ramp (Including Excavation)	Square Foot
S608SW.6303	Monolithic Concrete Curb and Sidewalk Access Ramp (Including Excavation and Subbase Course)	Square Foot
S608SW.6401	Precast Brick Detectable Warning System	Square Foot
S608SW.6402	Embedded Detectable Warning System	Square Foot
S608SW.6403	Surface-Applied Detectable Warning System	Square Foot
S608SW.6501	Precast Brick Detectable Warning System at Existing Location	Square Foot
S608SW.6502	Embedded Detectable Warning System at Existing Location	Square Foot
S608SW.6503	Surface-Applied Detectable Warning System at Existing Location	Square Foot
S608SW.6601	5" Thick Colored Decorative Concrete	Square Foot
S608SW.6602	5" Thick Colored Decorative Concrete (Including Excavation)	Square Foot
S608SW.6603	5" Thick Colored Decorative Concrete (Including Excavation and Subbase Course)	Square Foot
S608SW.6701	7" Thick Colored Decorative Concrete	Square Foot
S608SW.6702	7" Thick Colored Decorative Concrete (Including Excavation)	Square Foot
S608SW.6703	7" Thick Colored Decorative Concrete (Including Excavation and Subbase Course)	Square Foot
S608SW.6801	5" Thick Exposed Aggregate Concrete	Square Foot
S608SW.6802	5" Thick Exposed Aggregate Concrete (Including Excavation)	Square Foot
S608SW.6803	5" Thick Exposed Aggregate Concrete (Including Excavation and Subbase Course)	Square Foot

ITEM NO.	ITEM	PAY UNIT
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S608SW.6901	7" Thick Exposed Aggregate Concrete	Square Foot
S608SW.6902	7" Thick Exposed Aggregate Concrete (Including Excavation)	Square Foot
S608SW.6903	7" Thick Exposed Aggregate Concrete (Including Excavation and Subbase Course)	Square Foot
S608SW.7001	Concrete Entrance Walk	Square Foot
S608SW.7002	Concrete Entrance Walk (Including Excavation)	Square Foot
S608SW.7003	Concrete Entrance Walk (Including Excavation and Subbase Course)	Square Foot
S608SW.7101	Heavy-Duty Commercial Concrete Driveway	Square Foot
S608SW.7102	Heavy-Duty Commercial Concrete Driveway (Including Excavation)	Square Foot
S608SW.7103	Heavy-Duty Commercial Concrete Driveway (Including Excavation and Subbase Course)	Square Foot
S608SW.72	Repair Existing Concrete	Square Foot
S608SW.73	Reshape Existing Concrete	Square Foot
S608SW.7401	Asphalt Driveway - Light-Duty	Square Foot
S608SW.7402	Asphalt Driveway - Medium-Duty	Square Foot
S608SW.7403	Asphalt Driveway - Heavy-Duty	Square Foot
S608SW.75	Temporary Driveway	Square Foot
S608SW.7601	Brick	Square Foot
S608SW.7602	Brick - Cultural District	Square Foot
S608SW.7603	Brick Border - Bus Stop Landing Pad	Square Foot
S608SW.7701	Reset Existing Brick	Square Foot
S608SW.7702	Reset Existing Brick (Including Concrete Foundation and Subbase Course)	Square Foot
S608SW.7703	Reset Existing Brick – Cultural District	Square Foot
S608SW.7801	Slate - Light-Duty	Square Foot
S608SW.7802	Slate - Medium-Duty	Square Foot
S608SW.7901	Reset Existing Slate	Square Foot
S608SW.7902	Reset Existing Slate (Including Concrete Foundation and Subbase Course)	Square Foot
S608SW.80	Salvage Existing Slate	Square Foot
S608SW.8101	Stone Paver - Light-Duty	Square Foot
S608SW.8102	Stone Paver - Medium-Duty	Square Foot
S608SW.8201	Reset Existing Stone Paver	Square Foot
S608SW.8202	Reset Existing Stone Paver (Including Concrete Foundation and Subbase Course)	Square Foot
S608SW.83	Salvage Existing Stone Paver	Square Foot
S608SW.84	Paver Edging	Linear Foot
S608SW.85	Coarse Sand Bedding Material	Square Foot
S608SW.86	Replace Existing Coarse Sand Bedding Material	Square Foot
S608SW.87	Concrete Step	Cubic Yard
S608SW.88	Concrete Step (Including Excavation)	Cubic Yard
S608SW.89	Concrete Step (Including Excavation and Subbase Course)	Cubic Yard

REVISED June 10, 2013

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CONSTRUCTION NOTES

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Project No. 16121

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A. Hazardous Sidewalks within the Southeast Quadrant

This project consists of improving the existing sidewalk conditions by removing and replacing, or where possible, repairing sidewalk flags at various locations throughout the Southeast quadrant area of the City of Rochester. Repair of sidewalks shall include reshaping the concrete sidewalks by grinding the protruding sidewalk edge.

A sequential listing is provided within this document for locating proposed sidewalk flags in need of improvement. The Contractor shall proceed sequentially from section 7 to 8, 9, 10, 11, 12, 13 and 14 or in a sequence so ordered by the Project Manager. The Contractor is expected to propose a repair sequence or proceed as ordered by the Project Manager. The Project Managers' representative shall layout the repairs by using the repair listing as a guide.

Additional sidewalk repairs located outside of the Target Quadrant area may be added as order by the Project Manager.

Additional requests from citizens for sidewalk repairs within the Northeast quadrant area will be received throughout the time period of this contract. These additional sidewalk repairs will be added to this contract and must be completed prior to the end of the contract period.

All work, regardless of location, will be compensated via unit prices bid and no additional compensation will be made.

The City will strictly enforce restoration requirements with respect to the prompt restoration of property disturbed or damaged during their construction activities, per Section S608SW of the Supplementary Specifications. The restoration work required at each repair site will be inspected within two weeks of the walk replacement. Additional deductions against the contract amount will be assessed for each location requiring a restoration re-inspection. Deductions against the contract amount will be assessed if these requirements are not adhered to: (See Section STC 10.4.2 - Time of Performance and Schedule of Deductions of the Contract Documents).

The City reserves the right to add or subtract locations and quantities of replacement flags as directed by the Project Manager without additional compensation for subtractions or additions.

B. Notice to Property Owners

The Contractor will be required to notify property owners and occupants that sidewalk repair work will be done at their address. This will allow property owners and/or their occupants, to move their vehicles from driveway before excavation for new sidewalk begins. This notification is to be given in printed form at least 24 hours in advance. Property owners or their occupants will not be required to move vehicles before 9:00 AM on the day that sidewalk replacement is scheduled to occur. A sample letter is included within this Construction Drawing contract section.

C. Survey Monuments

The Contractor's attention is hereby directed to the extensive Survey Monumentation System within the City of Rochester. These monuments are designated as Rochester City Survey Monuments (RCS) or Rochester Topographical Survey Monuments (RTS). Survey monuments are used to establish property and right-of-way lines, as well as elevations. Survey monuments are generally located at a corner of a street intersection and set with a concrete sidewalk flag.

The Contractor must exercise extreme caution when working in the vicinity of a survey monument. It shall be the Contractor's responsibility to notify the Project Manager such that references for the location of each monument are made with swing ties before any work begins at or near a survey monument.

In the event that a survey monument is disturbed or damaged by the Contractor, the Contractor shall be required to restore or replace the survey monument in accordance with City Specifications, at the Contractor's expense.

D. Brick and Paver Sidewalk Repairs

The Contractor shall adjust the bricks and pavers to their original section or as approved by the Project Manager. Various original section details are provided within these contract documents. Given the special nature of these bricks and pavers, the brick and paver units will be supplied by the City for the Contractor's use. These bricks and paver units are located at the City's Operation Yard on Colfax Street, Rochester, New York. The Contractor shall be responsible for pickup and delivery to the project site as well as to return any unused materials. The cost for transporting materials shall be included within the brick and paver reset bid items.

E. New or Reset Curbs

Curbing shall be installed to replace damaged curb materials that are adjacent to scheduled sidewalk repair locations. The specific locations will be ordered by the Project Manager. New or reset curbing materials shall match the existing curbs. Given the special nature of some curbs that are wider than 5" in width the City will provide special curb materials that are wider than 5" in width. These curbs are located at the City's Operation Yard on Colfax Street, Rochester, New York. The traditional 4" and 5" wide granite curbs are not available from the City's stockpile supply. These 4" and 5" wide granite curbs shall be supplied by the Contractor and the curb's material cost shall be included within the curb item bid price.

F. Areaways

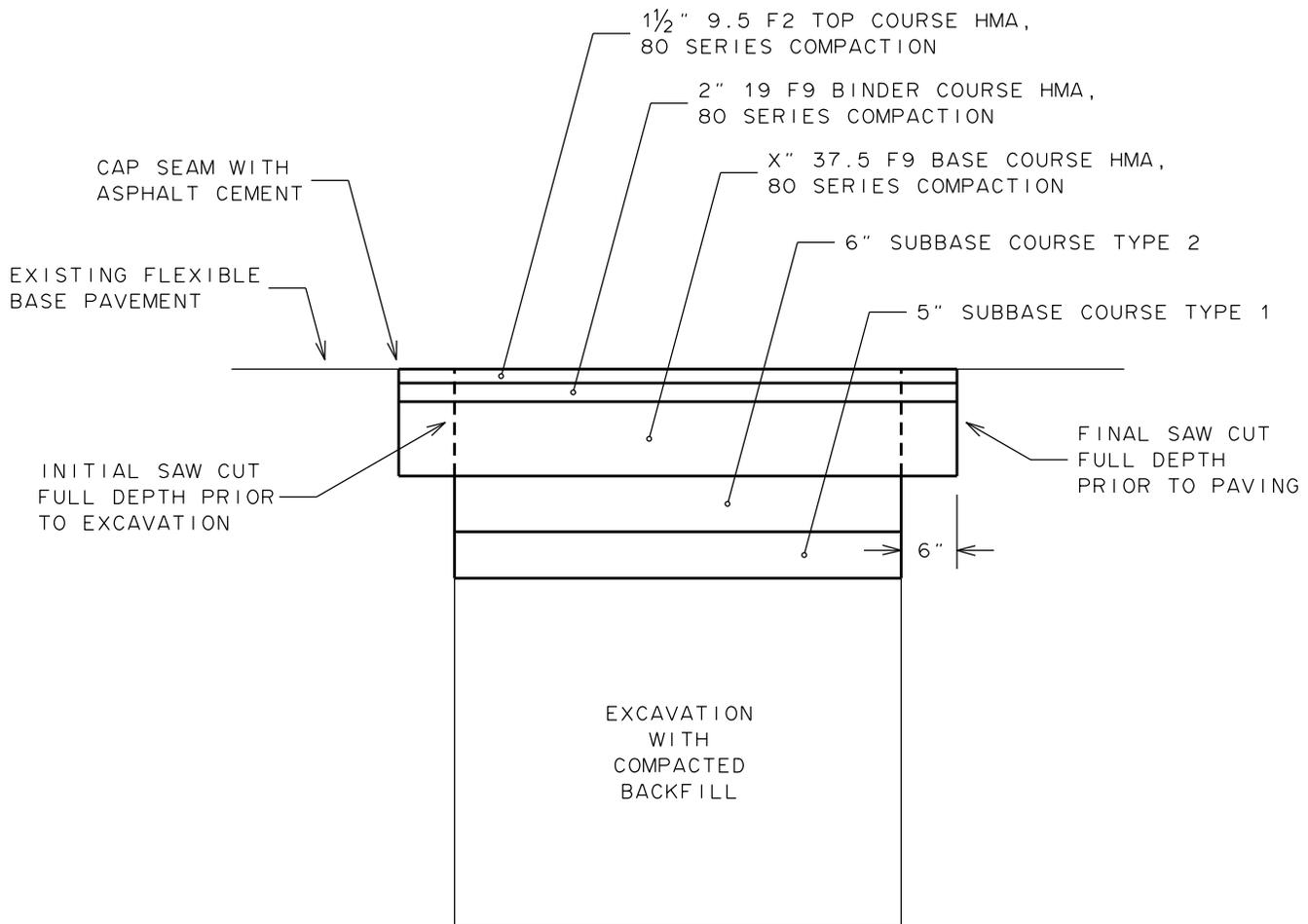
It shall be the Contractor's responsibility to verify if an areaway is beneath the proposed sidewalk scheduled to be repaired. The Contractor shall proceed with caution and utilize hand methods to remove concrete sidewalks from above areaways. Caution should be exercised to prevent damage to areaway roof membranes. Any areaway structural roof slab damage shall be repaired as directed by the Project Manager. Repairs shall be made at the Contractor's expense.

G. Sign Post Sleeves

Sign post sleeves shall be installed at all sign standard locations that are within the sidewalk section area to be repaired. Parking meter poles that exist within sidewalk repair areas shall also require sign post sleeves. Additional sign post sleeves shall also be placed as directed by the Project Manager.

H. Details

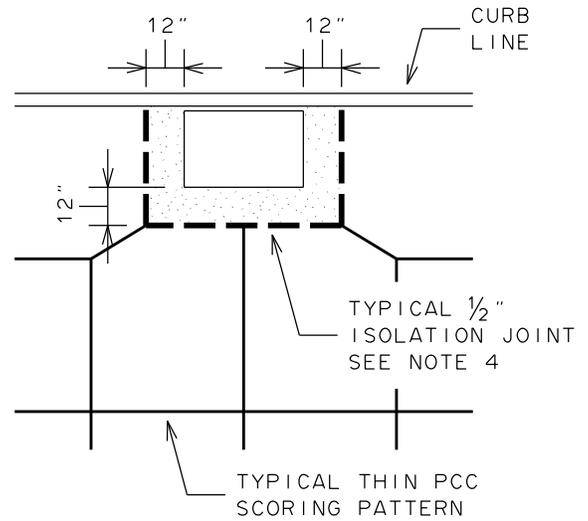
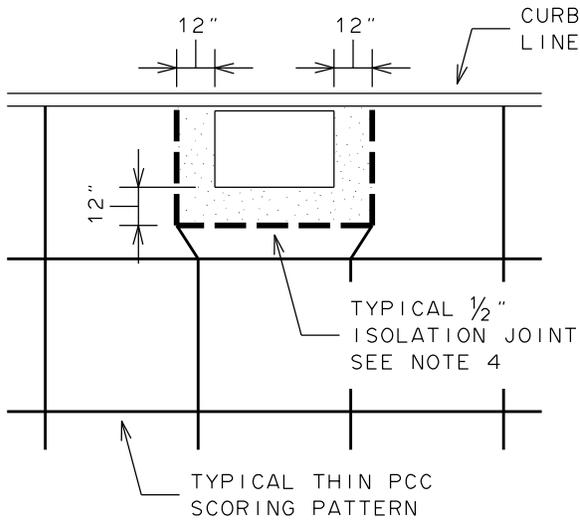
<u>DESCRIPTION</u>	<u>PAGE</u>
Trench Restoration Asphalt Base	CN-4
Thin PCC Wearing Surface	CN-5
Sidewalk Access Ramp Type A	CN-6
Driveway Restoration At New Sidewalk	CN-7
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Maintenance and Protection of Traffic - MPT-2	CN-31
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Parking Meter Post	CN-33
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Concrete Curb Replacement	CN-37



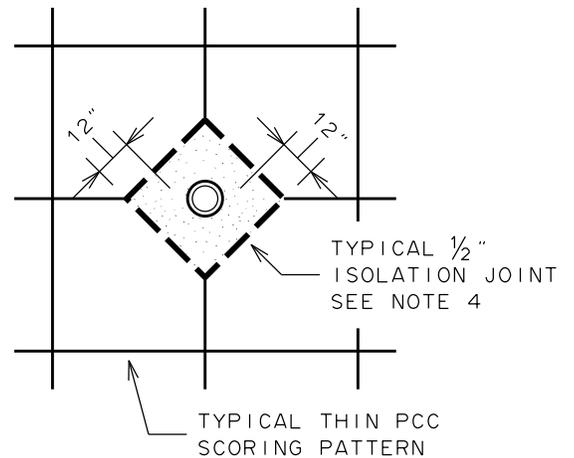
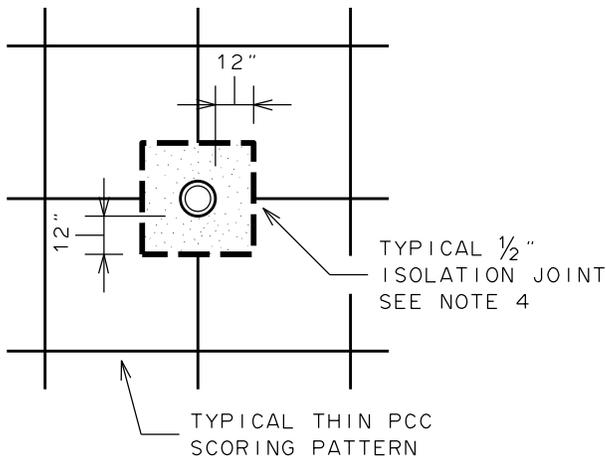
NOTES:

1. FINAL SAW CUT IS TO BE FULL DEPTH TO OBTAIN STRAIGHT AND NEAT EDGE FOR PAVING. SAW CUT IS TO BE MADE AFTER TRENCH IS BACKFILLED.
2. BOTTOM OF ASPHALT BASE COURSE IS TO BE AT OR BELOW BOTTOM OF EXISTING ASPHALT PAVEMENT SECTION TO PROVIDE FOR REQUIRED MINIMUM THICKNESSES OF ASPHALT COURSES. MINIMUM THICKNESS OF ASPHALT BASE COURSE IS:
 HEAVY-DUTY PAVEMENT - 8 INCHES
 MEDIUM-DUTY PAVEMENT - 3 INCHES
 LIGHT-DUTY PAVEMENT - 0 INCHES
3. TACK COAT IS TO BE APPLIED BETWEEN ALL LIFTS OF HMA PAVEMENT COURSES.
4. SEAMS BETWEEN EXISTING AND NEW PAVEMENT ARE TO BE SEALED WITH ASPHALT CEMENT 702-0700 IN ACCORDANCE WITH NYS DOT SECTION 702 BITUMINOUS MATERIALS.

CITY OF ROCHESTER		
TRENCH RESTORATION ASPHALT BASE		
ISSUED	9-2-91	STANDARD DWG.NO.R206-1
REVISED	7-31-12	



CATCH BASIN

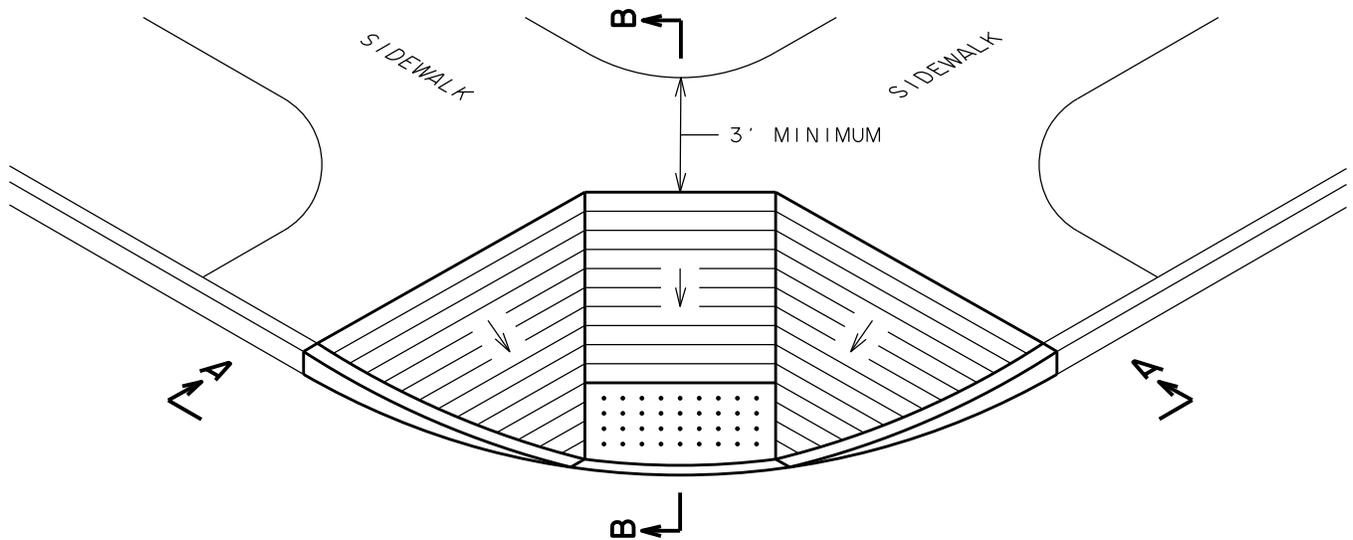


UTILITY MANHOLE OR VALVE

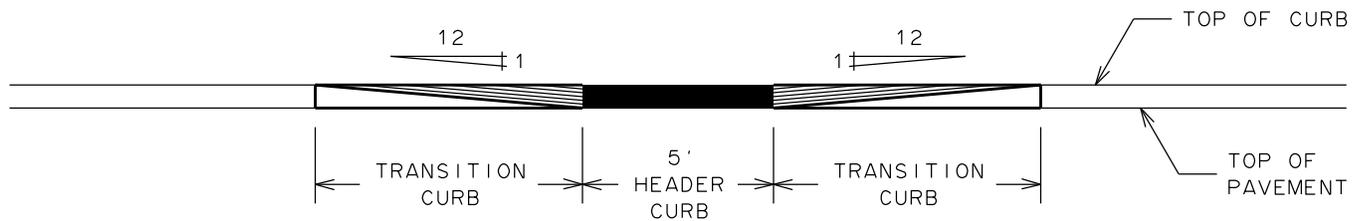
NOTES:

1. SAMPLES OF POSSIBLE SCORING PATTERN JOINT ADJUSTMENT OF THIN PCC AT UTILITY.
2. ADJUST SCORING PATTERN JOINTS SO THAT THEY PASS THRU UTILITY, OR THRU ISOLATION AREA SURROUNDING UTILITY.
3. ISOLATION AREA IS TO BE LARGE ENOUGH TO PROVIDE AT LEAST 1 FOOT OF CLEARANCE BETWEEN OUTER EDGE OF UTILITY AND SURROUNDING ISOLATION AREA.
4. ISOLATION JOINTS ARE TO BE 1/2 INCH WIDE AND FILLED WITH COMPRESSIBLE MATERIAL.

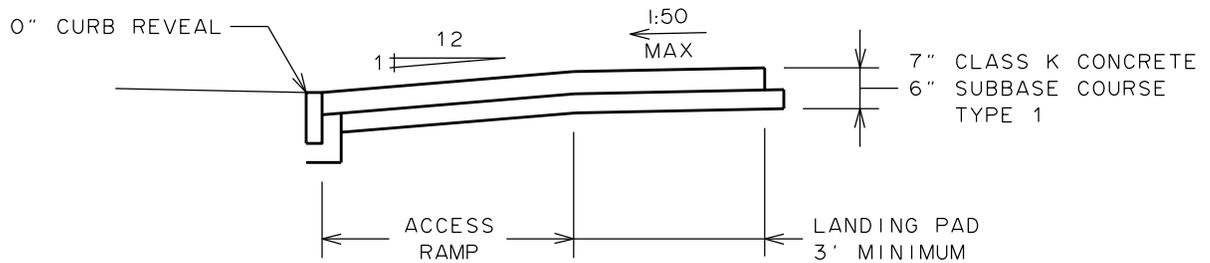
CITY OF ROCHESTER		
THIN PCC WEARING SURFACE UTILITY ISOLATION		
ISSUED	2-2-06	NON-STANDARD DWG.NO.S502-2
REVISED	6-30-12	



ACCESS RAMP TYPE A ISOMETRIC



VIEW A-A

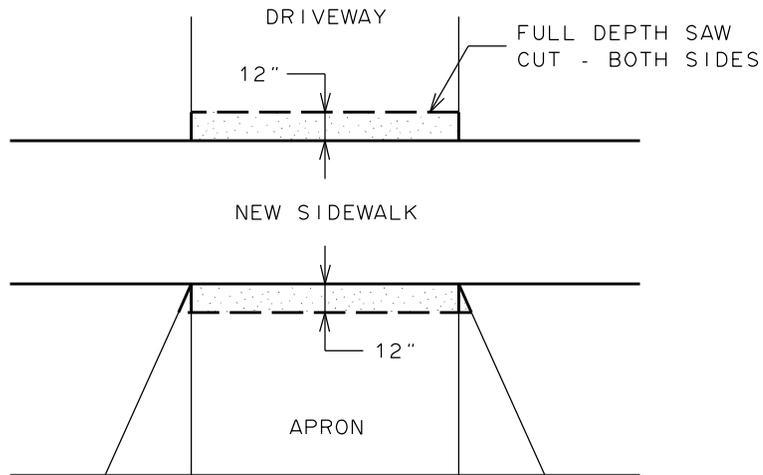


SECTION B-B

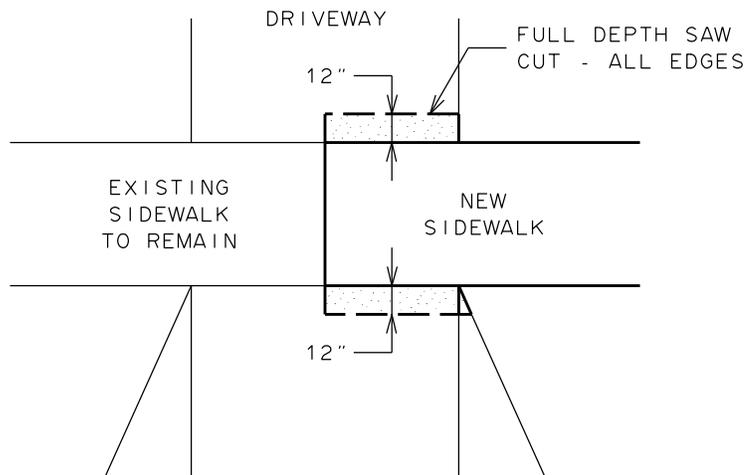
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARES.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. ENTIRE AREA OF ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
4. SEE DETAIL S608-28 FOR DETECTABLE WARNING SYSTEM.

CITY OF ROCHESTER		
SIDEWALK ACCESS RAMP TYPE A		
ISSUED	9-2-91	STANDARD DWG.NO.R608-1
REVISED	3-3-15	



FULL SIDEWALK REPLACEMENT

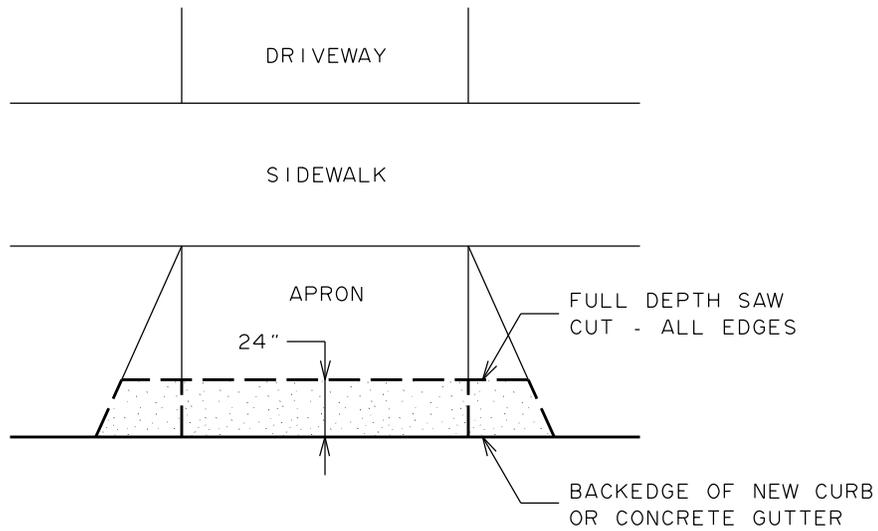


PARTIAL SIDEWALK REPLACEMENT

NOTES:

1. SAW CUTS ARE TO BE MADE USING POWER SAW WITH DIAMOND OR ABRASIVE BLADE AND ARE TO BE STRAIGHT.
2. REMOVE EXISTING PAVEMENT AS REQUIRED AND REPLACE WITH NEW PAVEMENT MATERIALS MATCHING EXISTING.
3. FINISHED SURFACE OF DRIVEWAY IS TO BE FLUSH WITH ADJACENT SURFACES.
4. JOINTS ARE TO BE SEALED WITH ASPHALT FILLER MEETING NYSDOT MATERIAL DESIGNATION 702-0700.

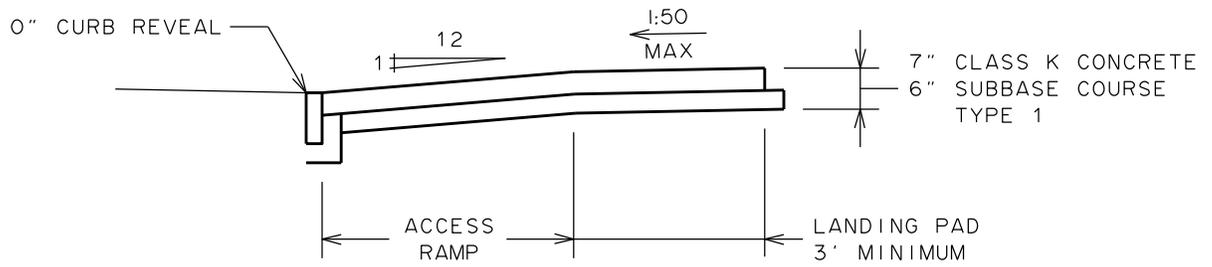
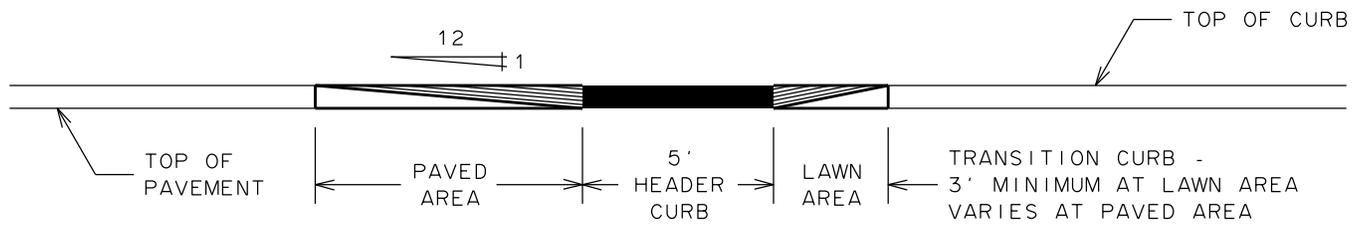
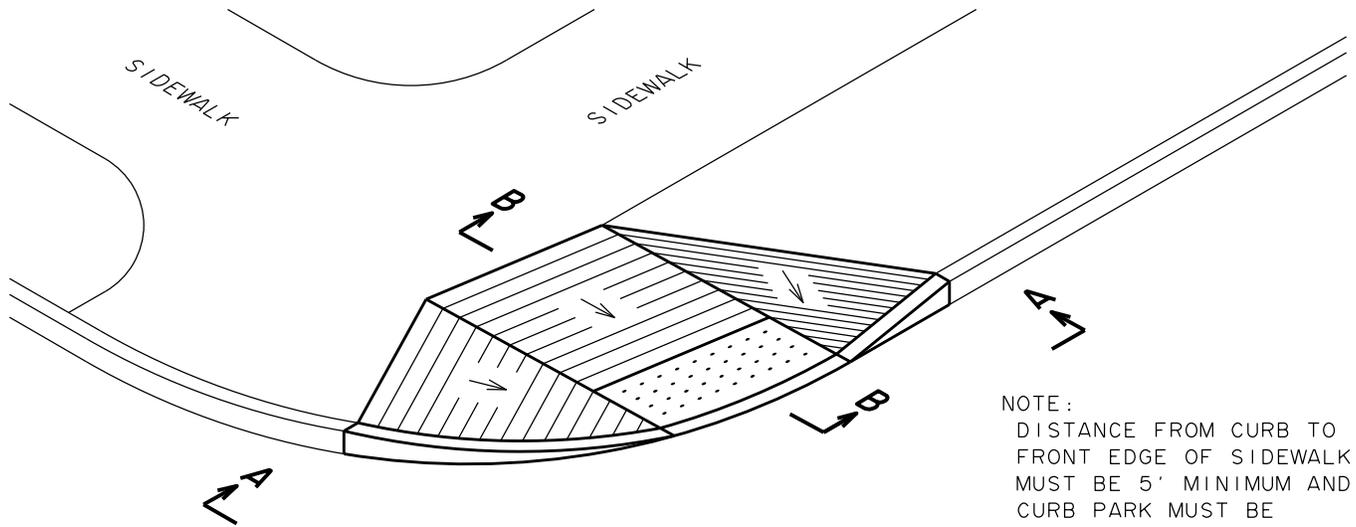
CITY OF ROCHESTER		
DRIVEWAY RESTORATION AT NEW SIDEWALK		
ISSUED	3-8-94	NON-STANDARD DWG.NO.S608-II
REVISED	6-30-12	



NOTES:

1. SAW CUTS ARE TO BE MADE USING POWER SAW WITH DIAMOND OR ABRASIVE BLADE AND ARE TO BE STRAIGHT.
2. REMOVE EXISTING PAVEMENT AS REQUIRED AND REPLACE WITH NEW PAVEMENT MATERIALS MATCHING EXISTING.
3. FINISHED SURFACE OF DRIVEWAY IS TO BE FLUSH WITH ADJACENT SURFACES.
4. JOINTS ARE TO BE SEALED WITH ASPHALT FILLER MEETING NYSDOT MATERIAL DESIGNATION 702-0700.

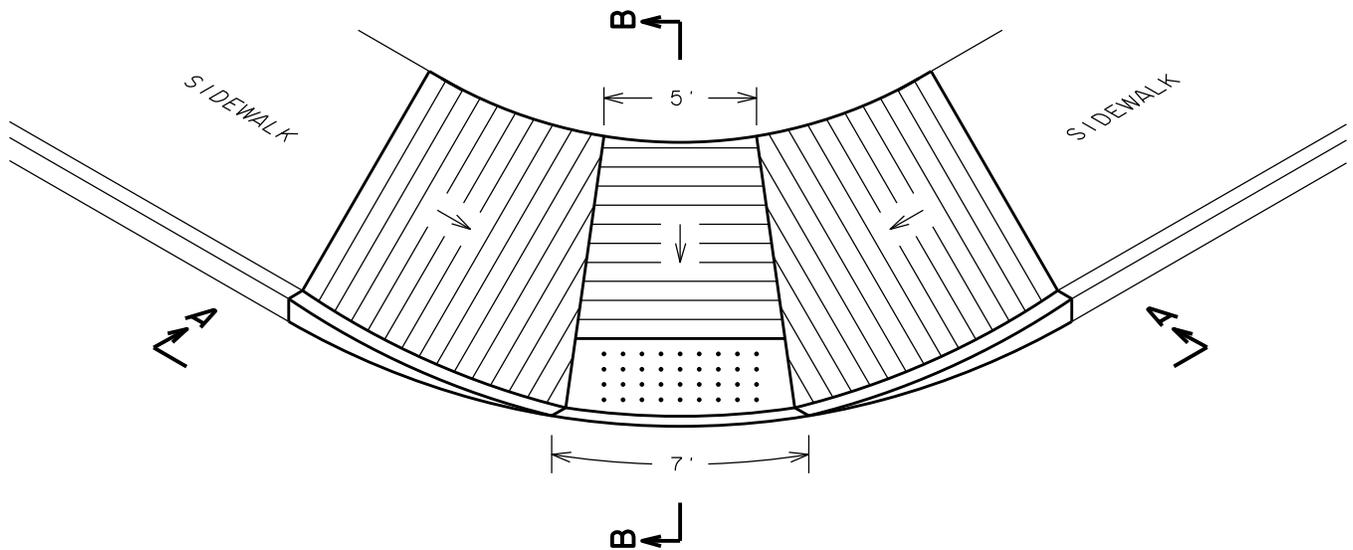
CITY OF ROCHESTER		
DRIVEWAY RESTORATION AT NEW CURB OR CONCRETE GUTTER		
ISSUED	3-8-94	NON-STANDARD DWG.NO.S608-12
REVISED	6-30-12	



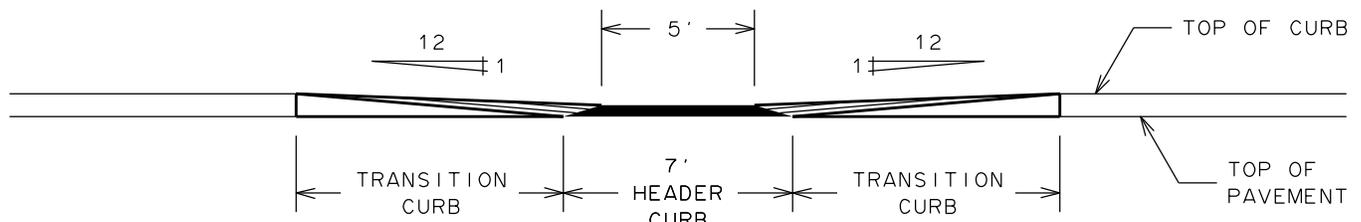
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARE IN PAVED AREA.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. ENTIRE AREA OF ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
4. SEE DETAIL S608-28 FOR DETECTABLE WARNING SYSTEM.

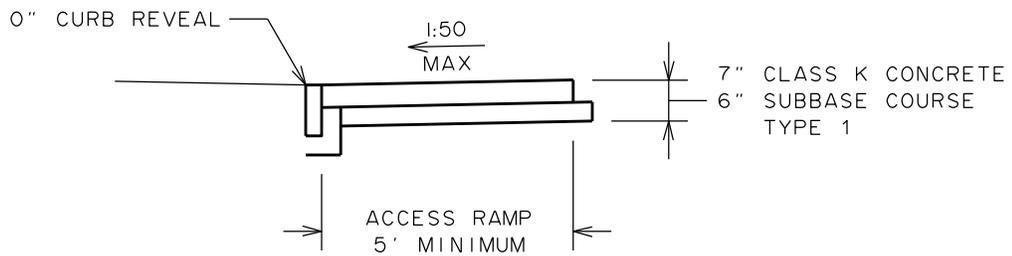
CITY OF ROCHESTER		
SIDEWALK ACCESS RAMP TYPE E		
ISSUED	3-21-94	NON-STANDARD DWG.NO.S608-13
REVISED	3-3-15	



ACCESS RAMP TYPE F ISOMETRIC



VIEW A-A

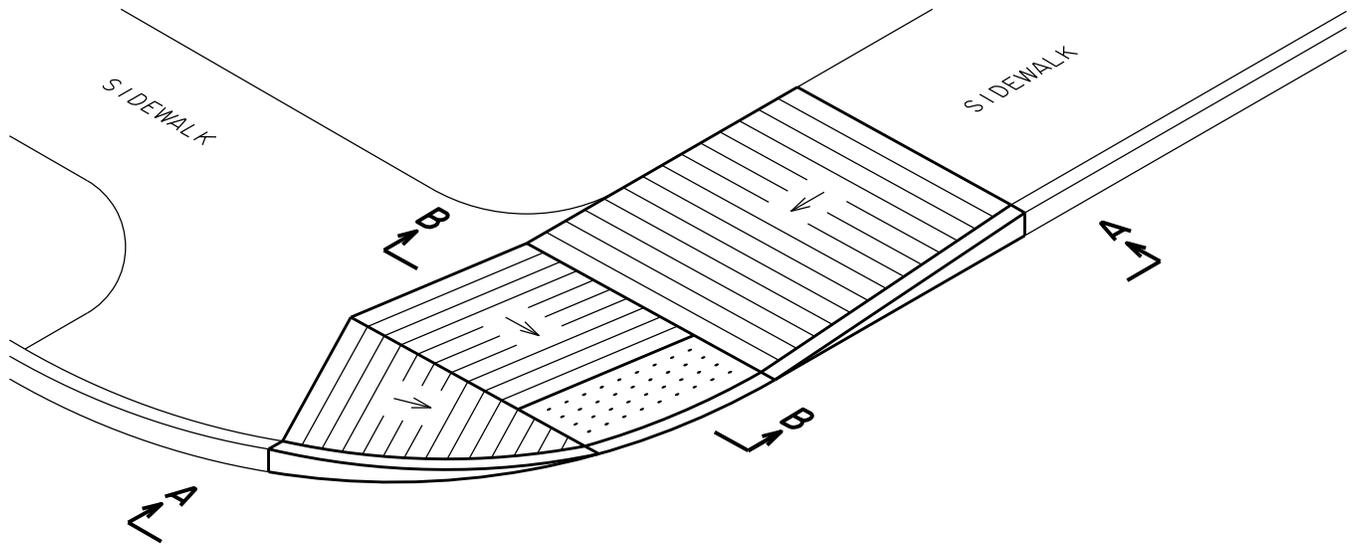


SECTION B-B

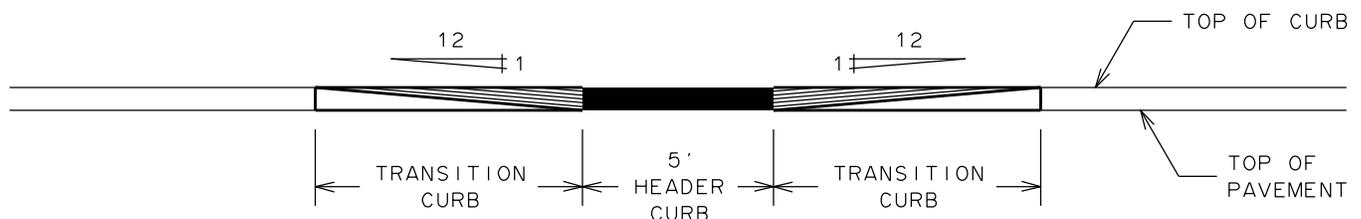
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARES.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. ENTIRE AREA OF ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
4. SEE DETAIL S608-28 FOR DETECTABLE WARNING SYSTEM.

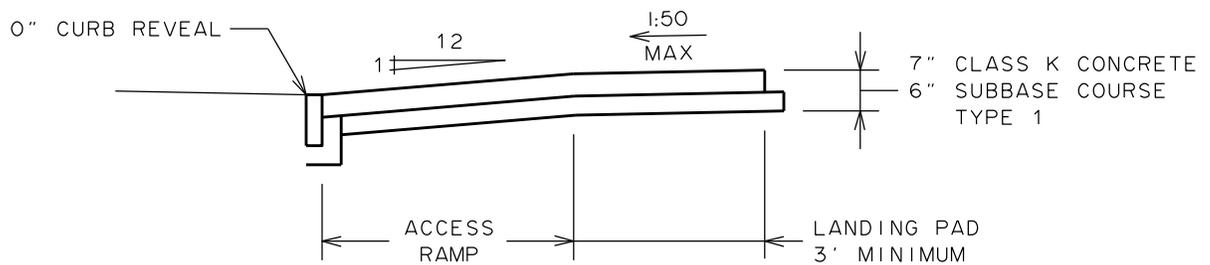
CITY OF ROCHESTER		
SIDEWALK ACCESS RAMP TYPE F		
ISSUED	3-21-94	NON-STANDARD DWG.NO.S608-14
REVISED	5-1-13	



ACCESS RAMP TYPE G ISOMETRIC



VIEW A-A

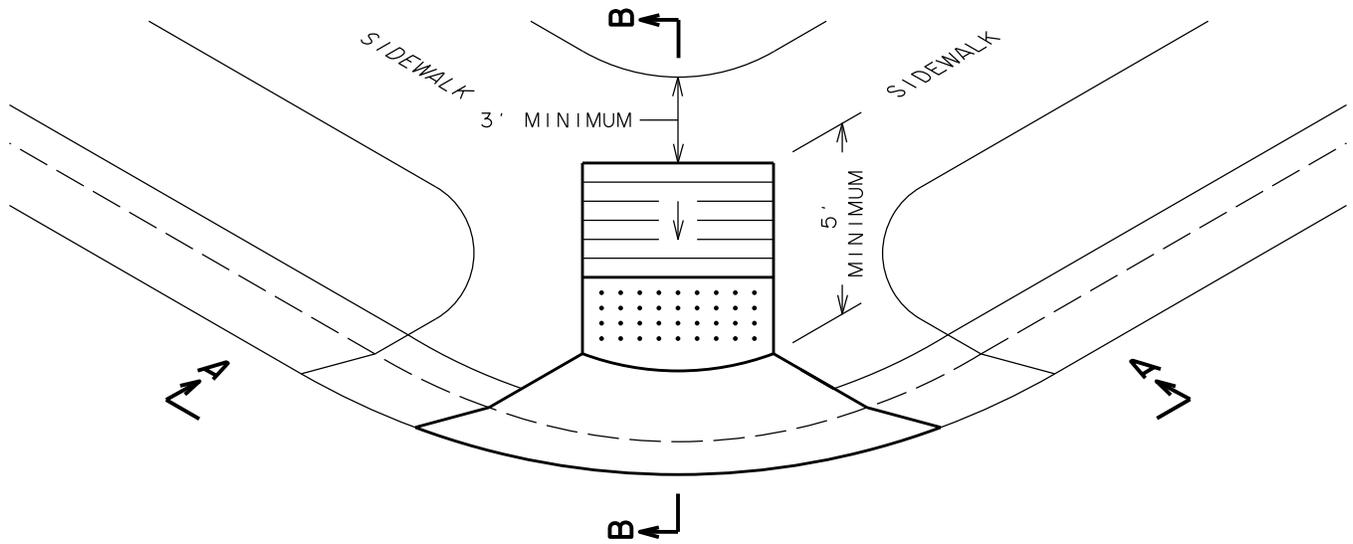


SECTION B-B

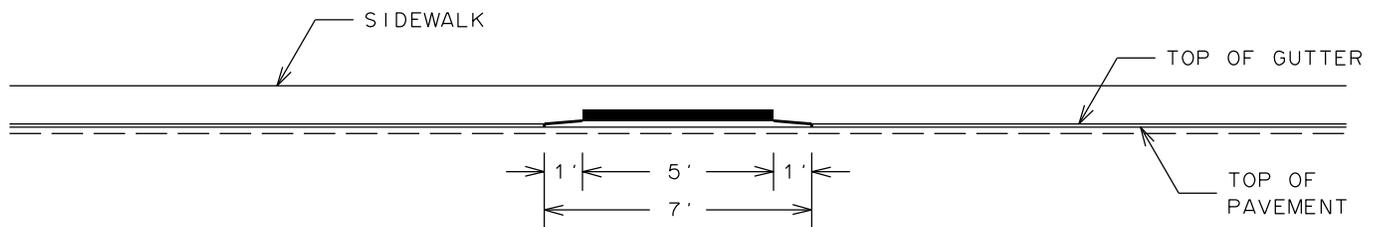
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARES.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. ENTIRE AREA OF ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
4. SEE DETAIL S608-28 FOR DETECTABLE WARNING SYSTEM.

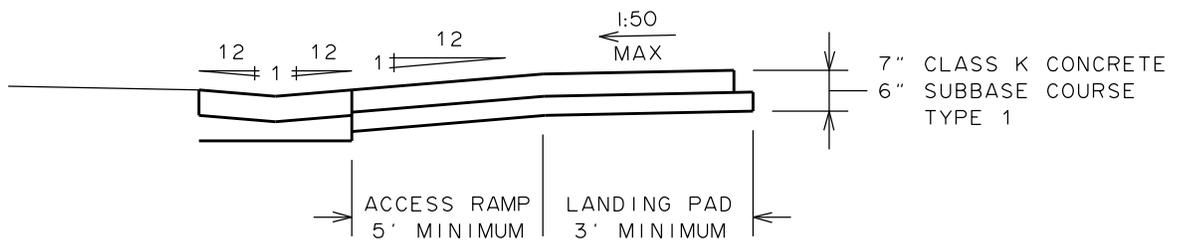
CITY OF ROCHESTER		
SIDEWALK ACCESS RAMP TYPE G		
ISSUED	3-21-94	NON-STANDARD DWG.NO.S608-15
REVISED	3-3-15	



ACCESS RAMP TYPE H ISOMETRIC



VIEW A-A

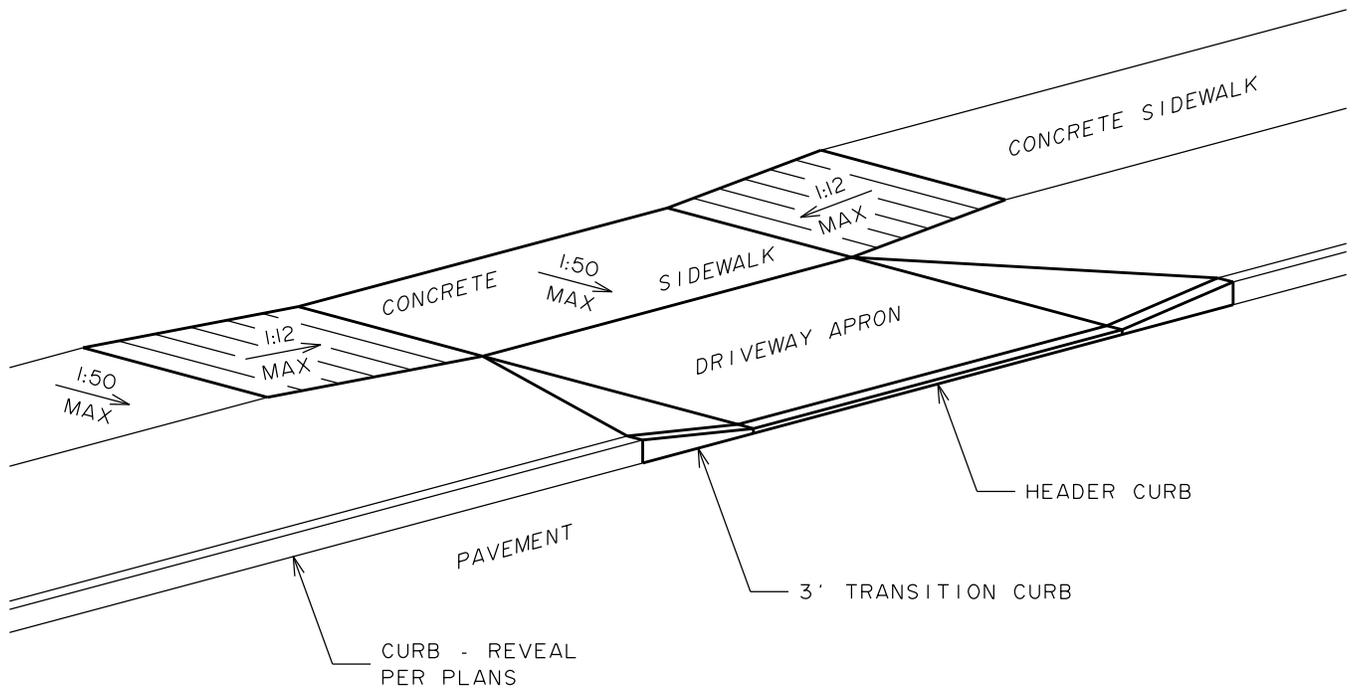


SECTION B-B

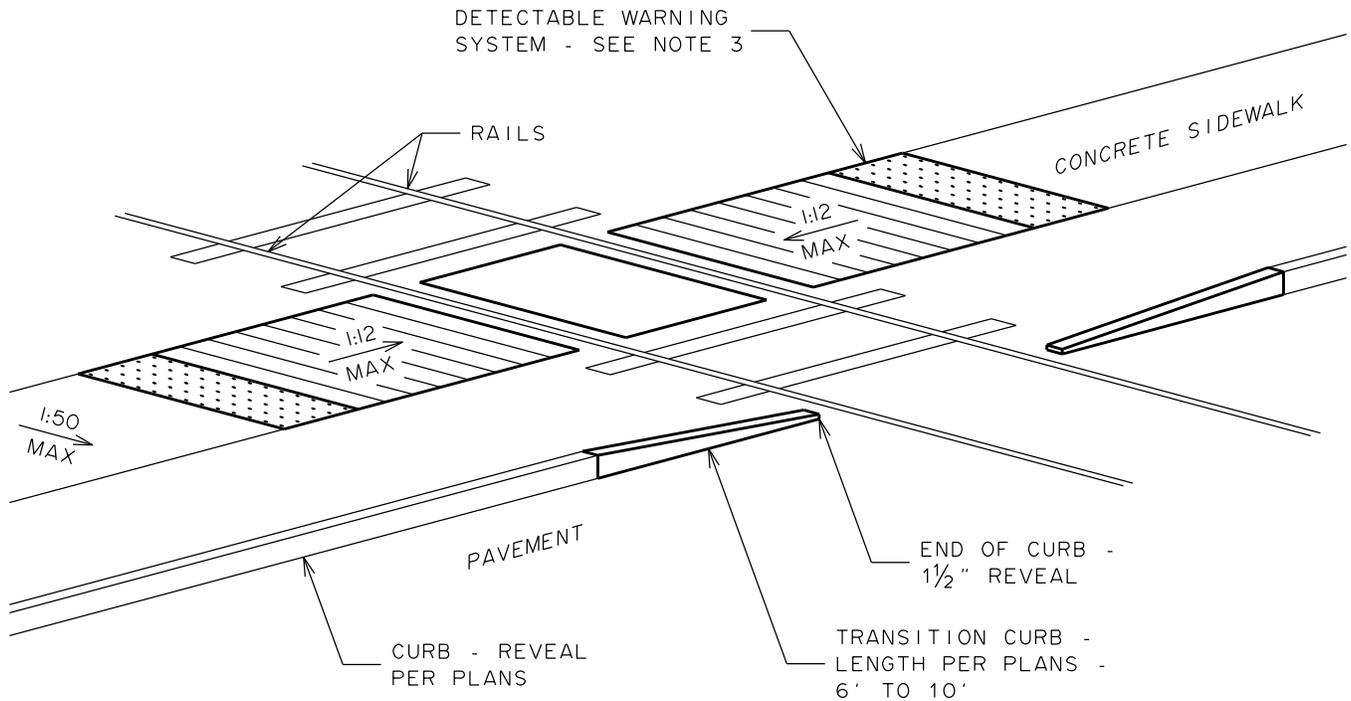
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARES.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. ENTIRE AREA OF ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
4. SEE DETAIL S608-28 FOR DETECTABLE WARNING SYSTEM.

CITY OF ROCHESTER		
SIDEWALK ACCESS RAMP TYPE H		
ISSUED	3-21-94	NON-STANDARD DWG.NO.S608-16
REVISED	3-3-15	



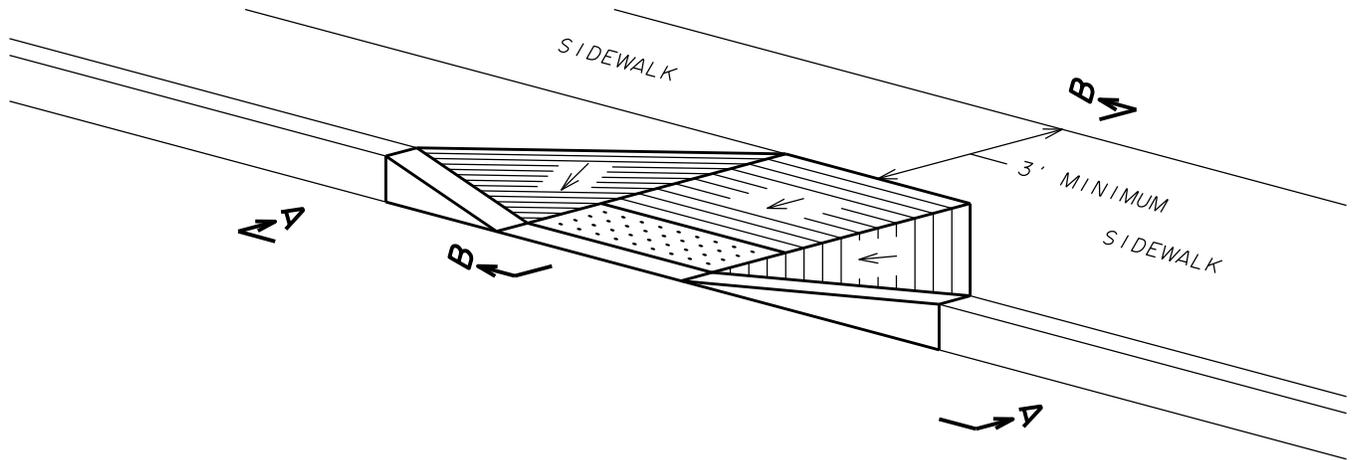
CITY OF ROCHESTER		
DEPRESSED SIDEWALK AT DRIVEWAY		
ISSUED	6-19-95	NON-STANDARD DWG.NO.S608-17
REVISED	7-31-12	



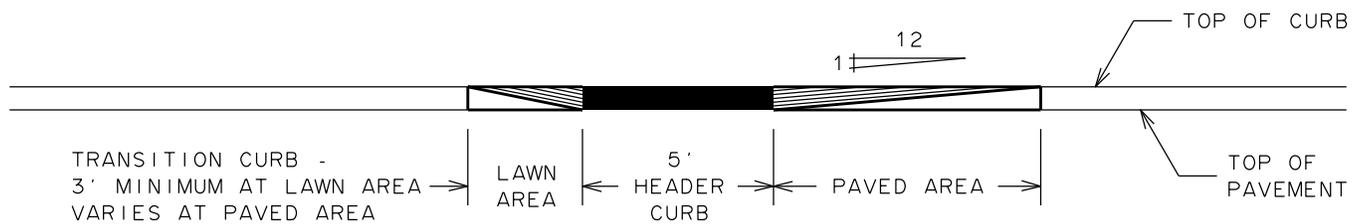
NOTES:

1. SIDEWALK TO BE FLUSH AND LEVEL WITH TOP OF OUTSIDE RAIL AND IN BETWEEN RAILS.
2. MINIMUM 3 INCHES FROM OUTER EDGE OF RAIL.
3. EDGE OF DETECTABLE WARNING SYSTEM NEAREST TO RAILROAD CROSSING IS TO BE 18 INCHES FROM OUTER FACE OF CROSSING GATE ARM. WHERE THERE IS NO CROSSING GATE ARM, EDGE OF DETECTABLE WARNING SYSTEM IS TO BE 6 FEET MINIMUM 15 FEET MAXIMUM FROM CENTERLINE OF NEAREST RAIL.

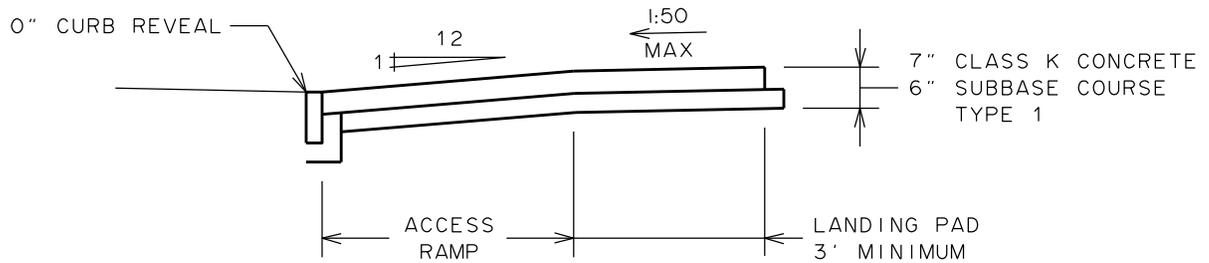
CITY OF ROCHESTER		
SIDEWALK AND CURB - AT GRADE RAILROAD CROSSING		
ISSUED	6-19-95	NON-STANDARD DWG.NO.S608-18
REVISED	7-31-12	



ACCESS RAMP TYPE B ISOMETRIC



VIEW A-A

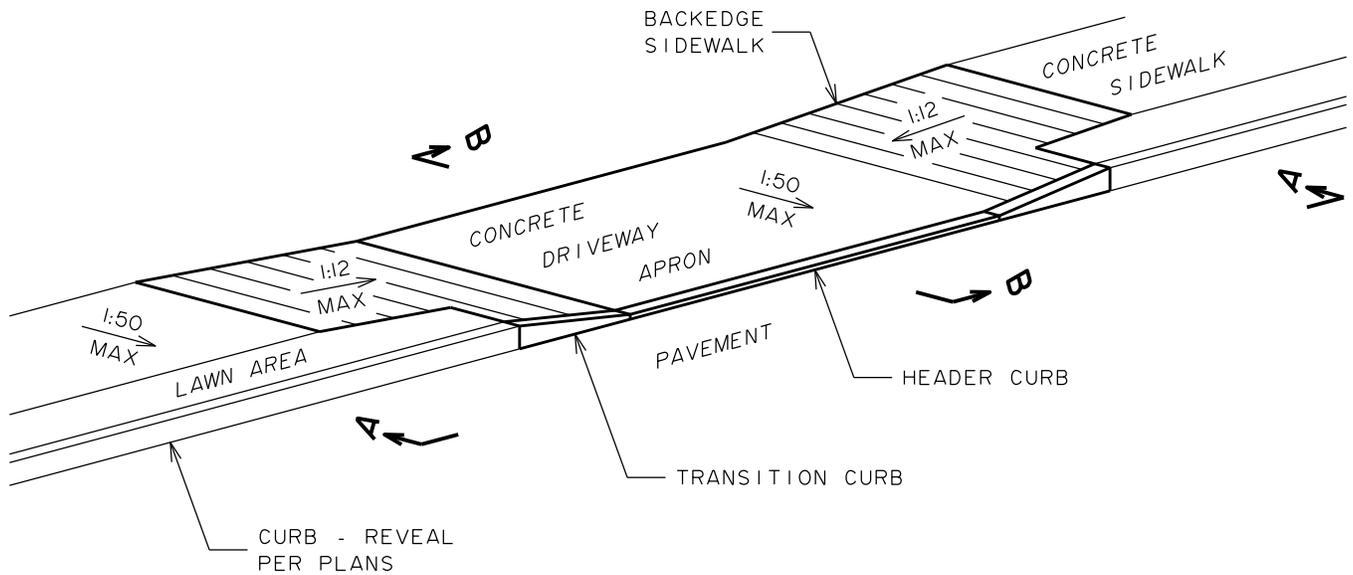


SECTION B-B

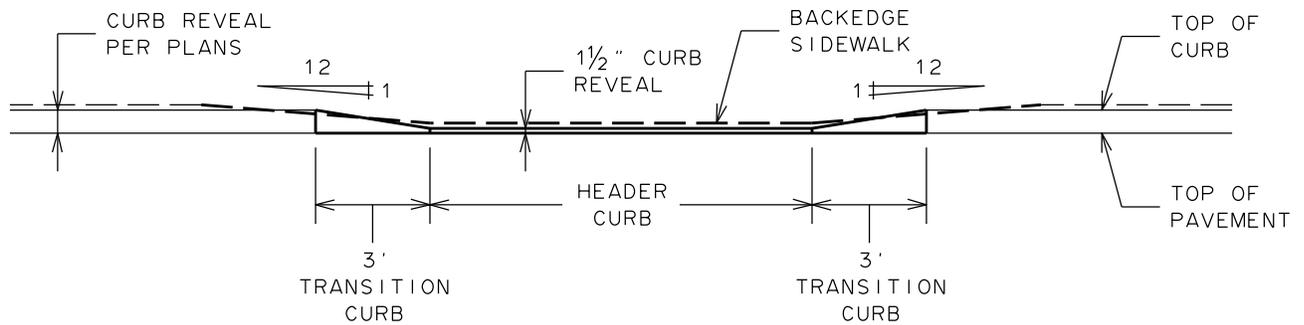
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARE IN PAVED AREA.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. ENTIRE AREA OF ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
4. SEE DETAIL S608-28 FOR DETECTABLE WARNING SYSTEM.

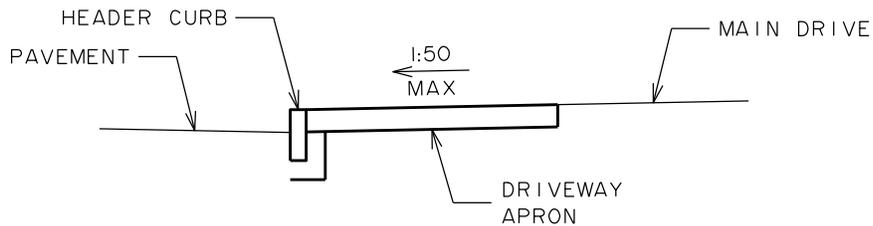
CITY OF ROCHESTER		
SIDEWALK ACCESS RAMP TYPE B		
ISSUED	9-2-91	STANDARD DWG.NO.R608-2
REVISED	3-3-15	



PLAN ISOMETRIC



VIEW A-A

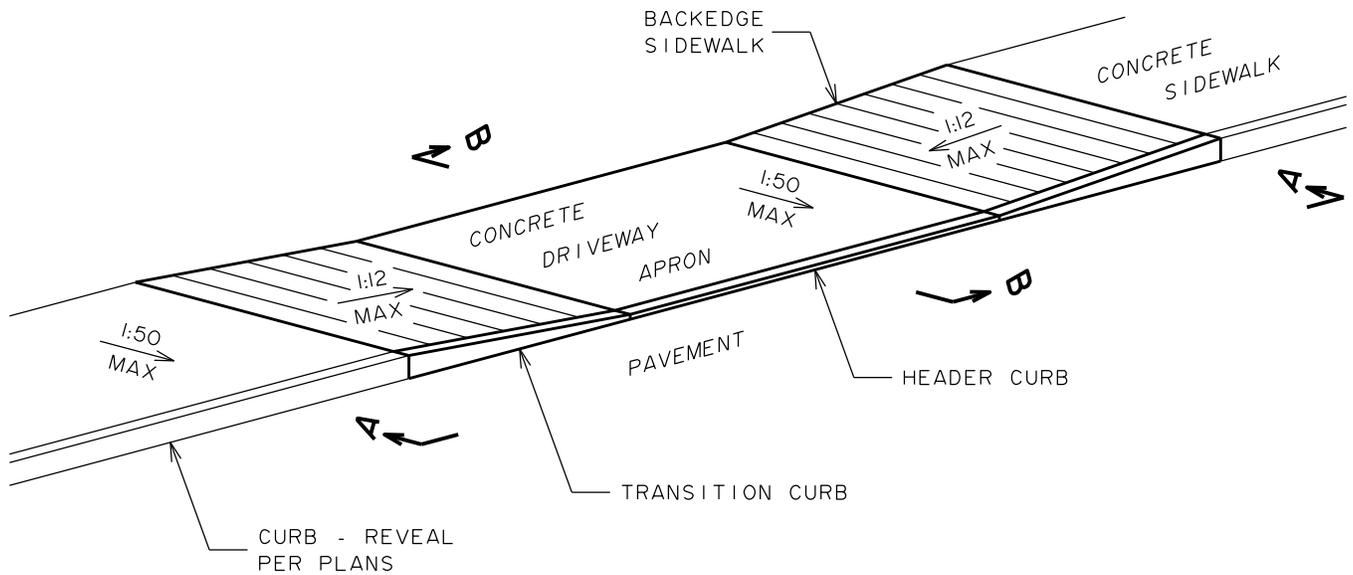


SECTION B-B

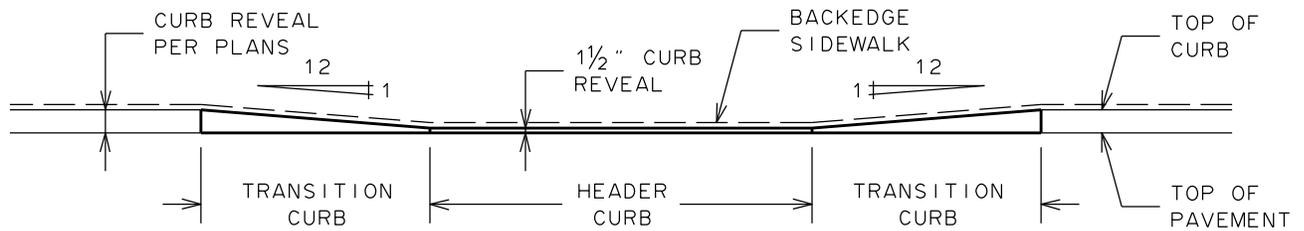
NOTES:

1. TO BE USED ONLY WHERE CURB PARK AREA IS 3 FEET OR LESS IN WIDTH.
2. MAXIMUM SLOPE OF DRIVEWAY APRON IS 1:50.
3. SURFACE OF DRIVEWAY APRON AND SIDE FLARES IS TO BE STABLE, FIRM AND SLIP-RESISTANT. (i.e. COARSE BROOM FINISH PERPENDICULAR TO SLOPE IS ACCEPTABLE).
4. DRIVEWAY APRON AND SIDE FLARES PAVEMENT SECTION TO BE 7 INCHES THICK.

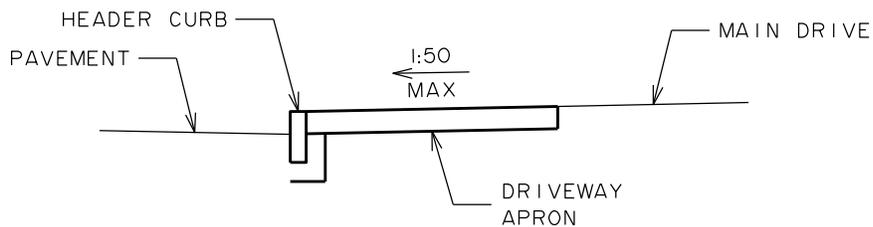
CITY OF ROCHESTER		
DEPRESSED SIDEWALK AND DRIVEWAY - MINIMAL LAWN AREA		
ISSUED	6-25-07	NON-STANDARD DWG.NO.S608-21
REVISED	7-31-12	



PLAN ISOMETRIC



VIEW A-A

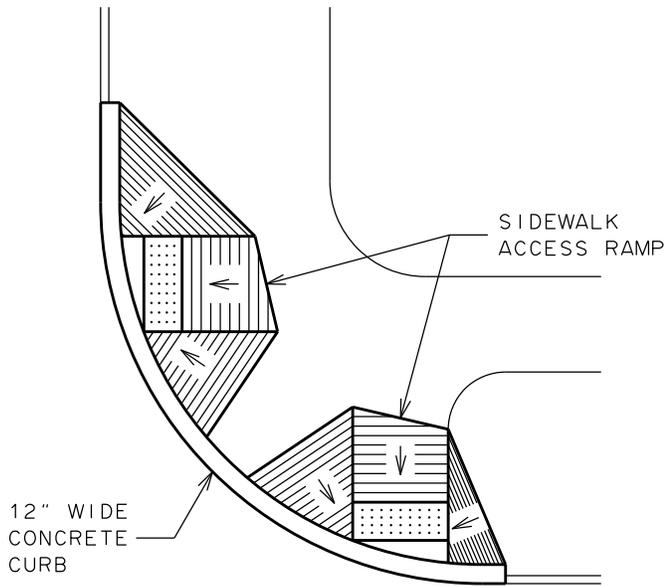


SECTION B-B

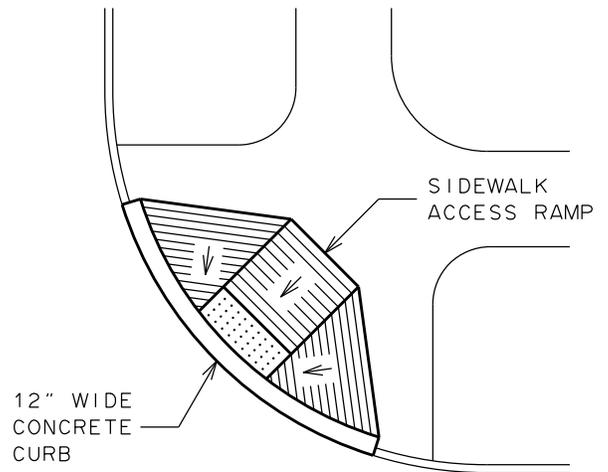
NOTES:

1. MAXIMUM SLOPE OF DRIVEWAY APRON IS 1:50.
2. SURFACE OF DRIVEWAY APRON AND SIDE FLARES IS TO BE STABLE, FIRM AND SLIP-RESISTANT. (i.e. COARSE BROOM FINISH PERPENDICULAR TO SLOPE IS ACCEPTABLE).
3. DRIVEWAY APRON AND SIDE FLARES PAVEMENT SECTION IS TO BE 7 INCHES THICK CONCRETE.

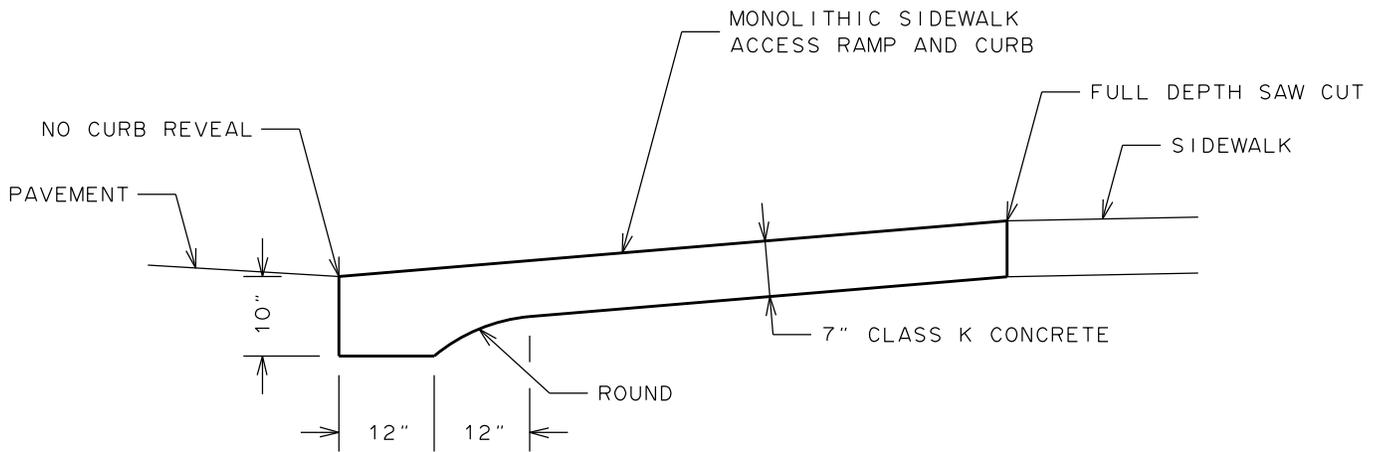
CITY OF ROCHESTER		
DEPRESSED SIDEWALK AND DRIVEWAY - ATTACHED SIDEWALK		
ISSUED	2-10-00	NON-STANDARD DWG.NO.S608-22
REVISED	7-31-12	



MULTIPLE RAMPS



SINGLE RAMP

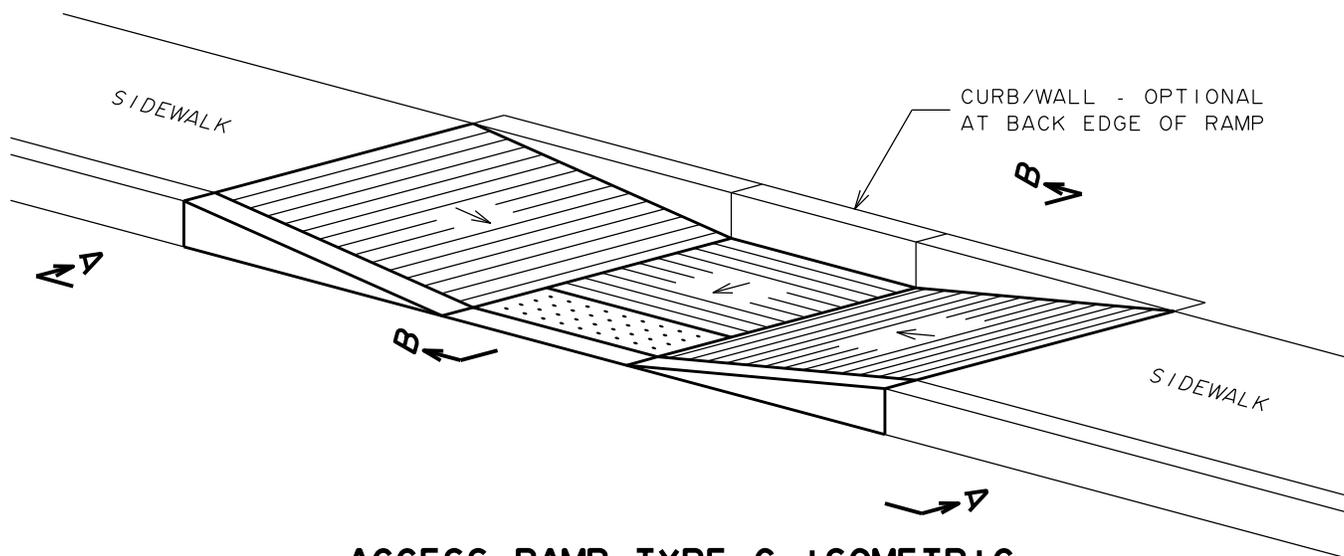


SECTION

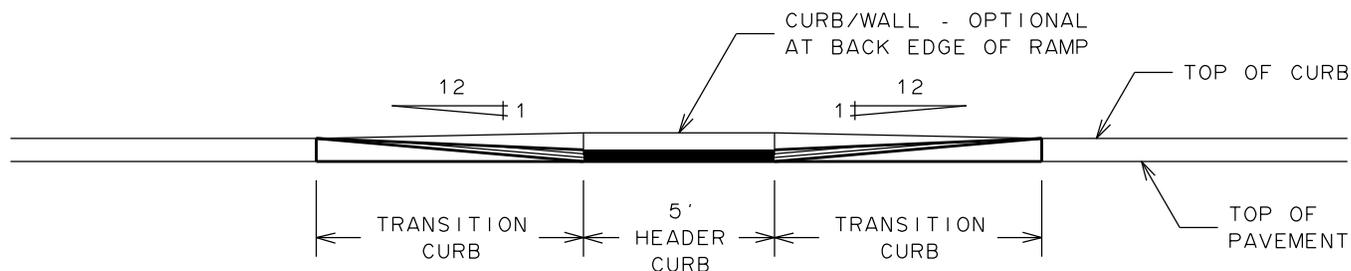
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARES.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. USE JOINTING TOOL WITH $\frac{5}{8}$ INCH RADIUS TO FINISH ALL JOINTS AND EDGES OF CURB.
4. ENTIRE AREA OF ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
5. SEE DETAIL S608-28 FOR DETECTABLE WARNING SYSTEM.

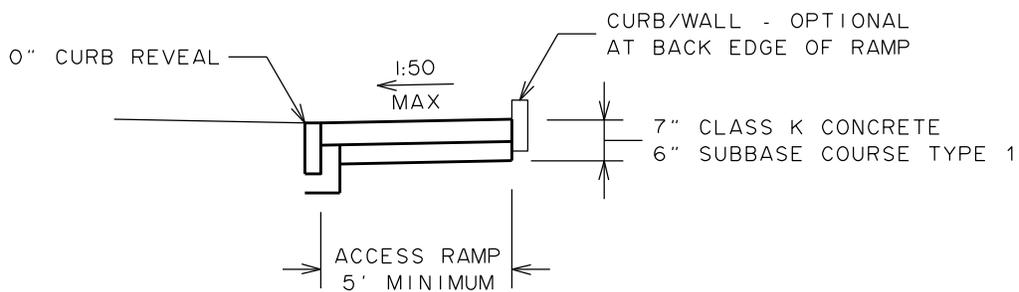
CITY OF ROCHESTER		
MONOLITHIC SIDEWALK ACCESS RAMP AND CURB		
ISSUED	10-22-01	NON-STANDARD DWG.NO.S608-26
REVISED	6-30-12	



ACCESS RAMP TYPE C ISOMETRIC



VIEW A-A

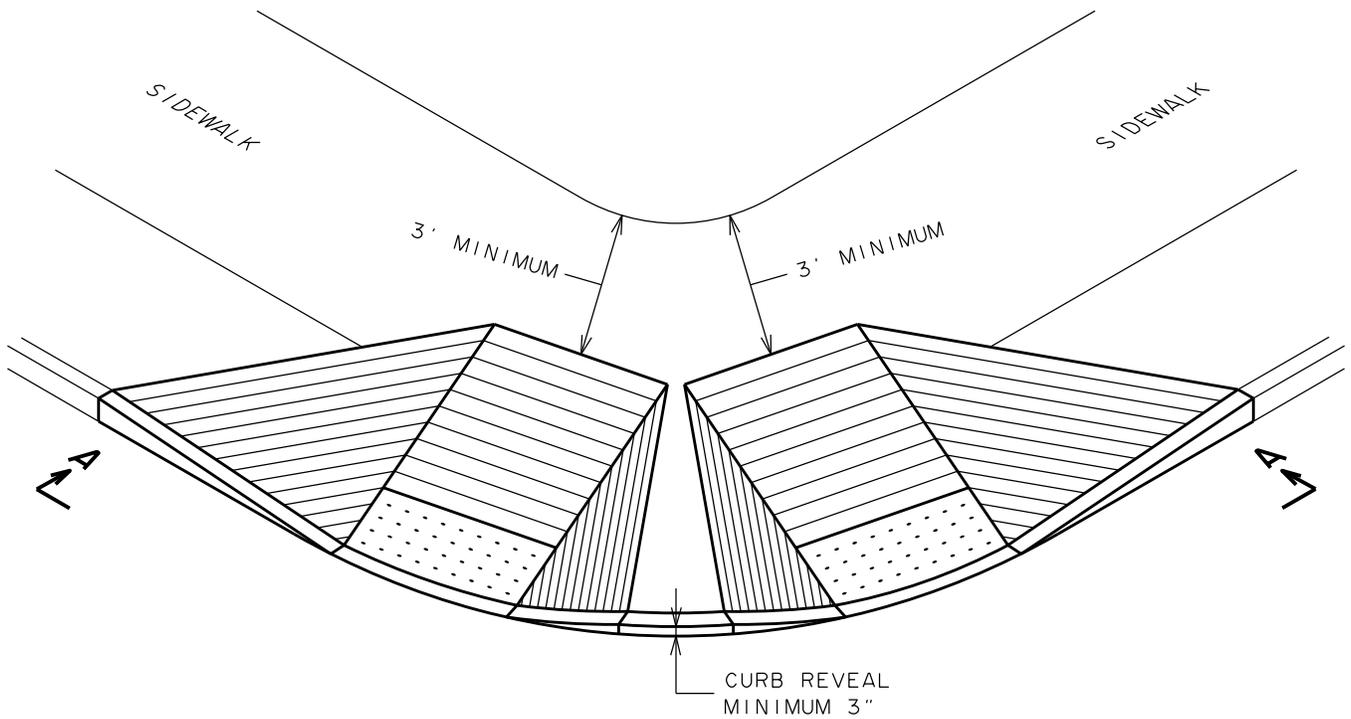


SECTION B-B

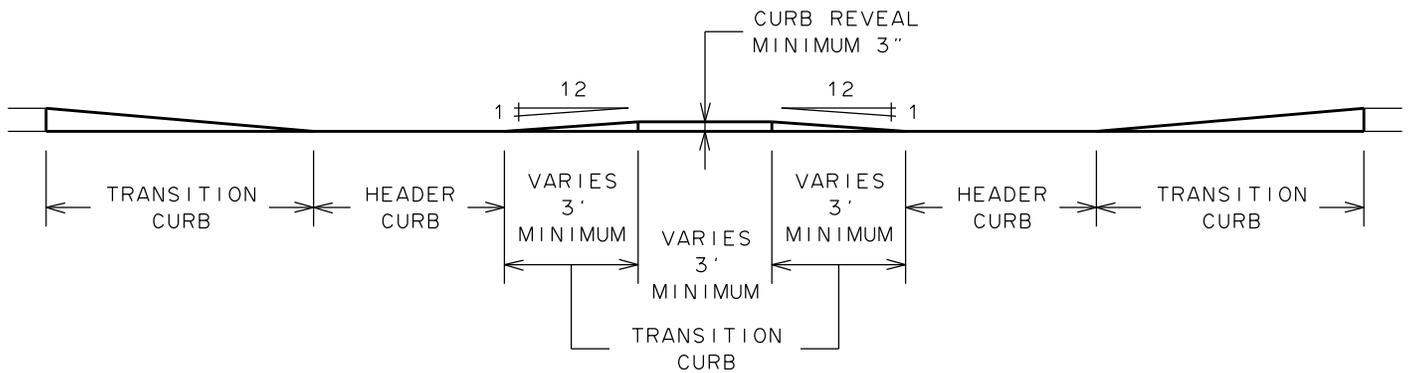
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARES.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. ENTIRE AREA OF ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
4. SEE DETAIL S608-28 FOR DETECTABLE WARNING SYSTEM.

CITY OF ROCHESTER		
SIDEWALK ACCESS RAMP TYPE C		
ISSUED	9-2-91	STANDARD DWG.NO.R608-3
REVISED	5-1-13	



LAYOUT ISOMETRIC

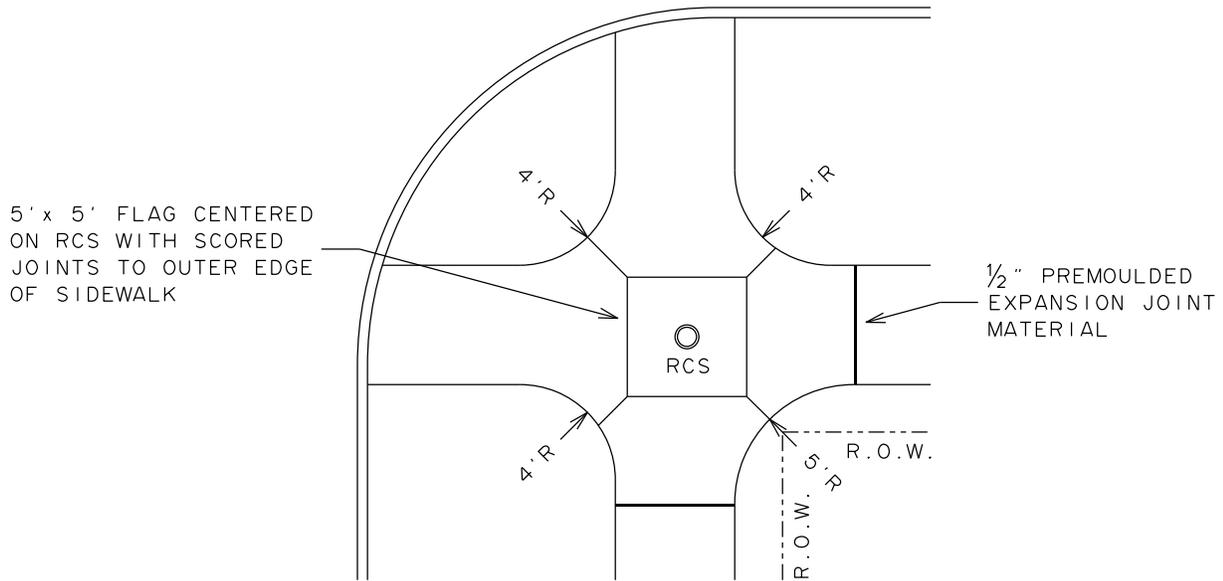
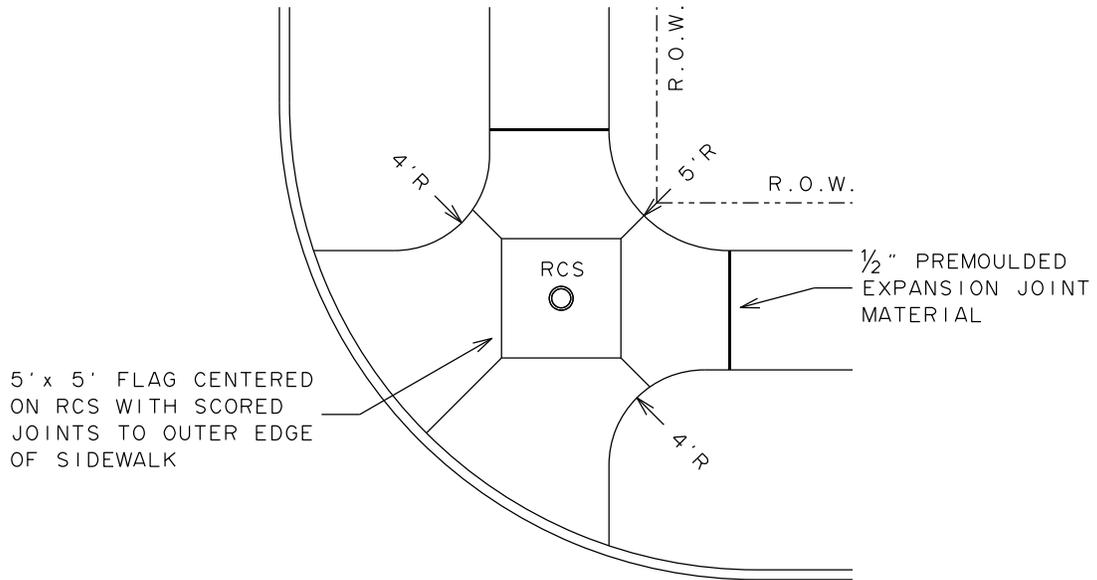


VIEW A-A

NOTE :

FOR DETAIL LAYOUT OF SIDEWALK ACCESS RAMPS AND DETECTABLE WARNING FIELD REFER TO APPROPRIATE DETAILS.

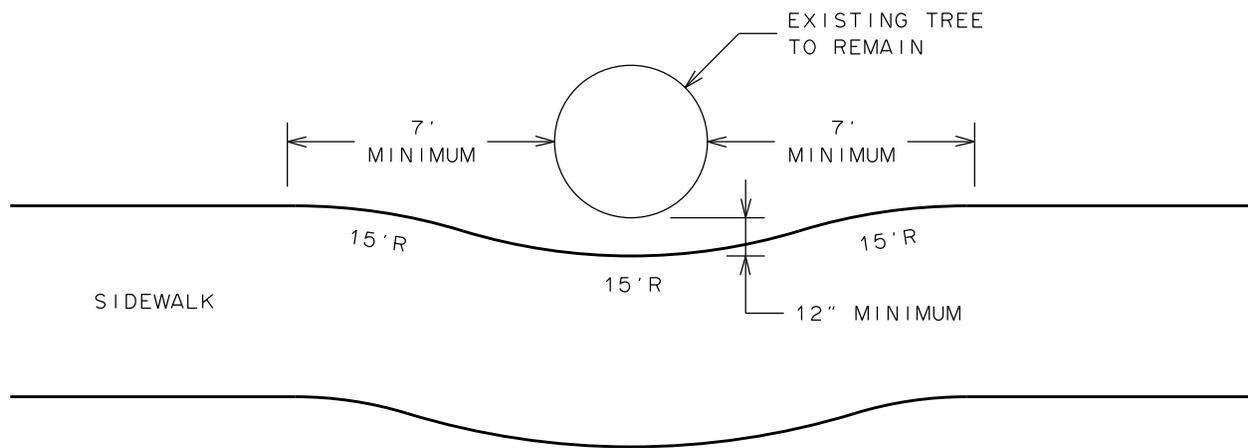
CITY OF ROCHESTER		
LAYOUT OF MULTIPLE SIDEWALK ACCESS RAMPS AT RADIUS		
ISSUED	8-2-05	NON-STANDARD DWG.NO.S608-30
REVISED	3-3-15	



NOTES:

1. RECOMMENDED RADII CAN BE ADJUSTED TO FIT SITE CONDITIONS.
2. MAXIMUM CROSS-SLOPE OF SIDEWALK IS 1:50.
3. ENTIRE SIDEWALK AREA WITHIN LIMITS OF RADIUS IS TO BE 7 INCHES THICK CLASS K CONCRETE.

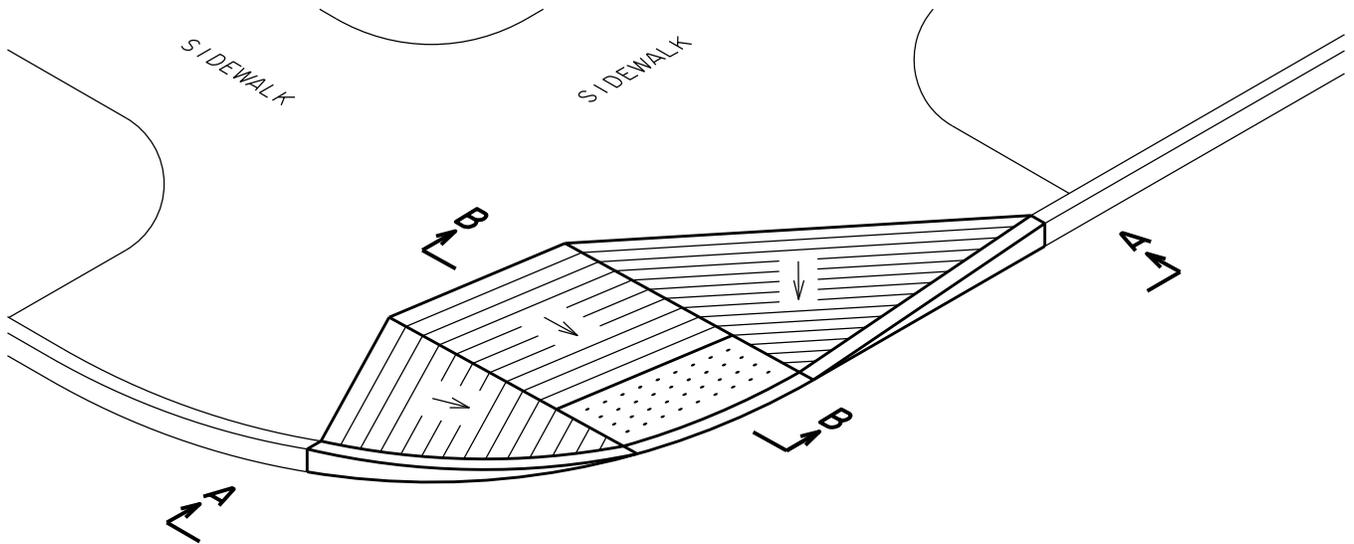
CITY OF ROCHESTER		
TYPICAL LAYOUT OF SIDEWALK AT INTERSECTION		
ISSUED	5-1-10	NON-STANDARD DWG.NO.S608-31
REVISED	7-31-12	



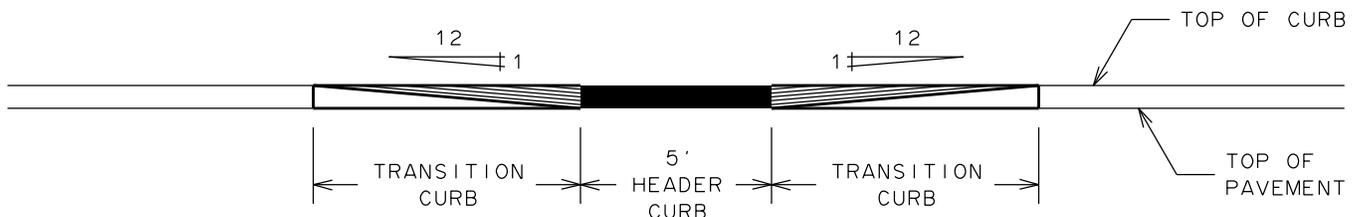
NOTES:

1. TO BE USED ONLY WHERE INDICATED IN CONTRACT DOCUMENTS.
2. FORMS FOR NEW SIDEWALK WITHIN 15 FEET OF TRUNK OF EXISTING TREE ARE TO BE THIN WALL, AND FLEXIBLE ENOUGH TO BE CAPABLE OF FORMING REQUIRED RADII.
3. USE OF SUBBASE MATERIAL MAY BE LIMITED OR DELETED WITHIN 15 FEET OF TRUNK OF EXISTING TREE.

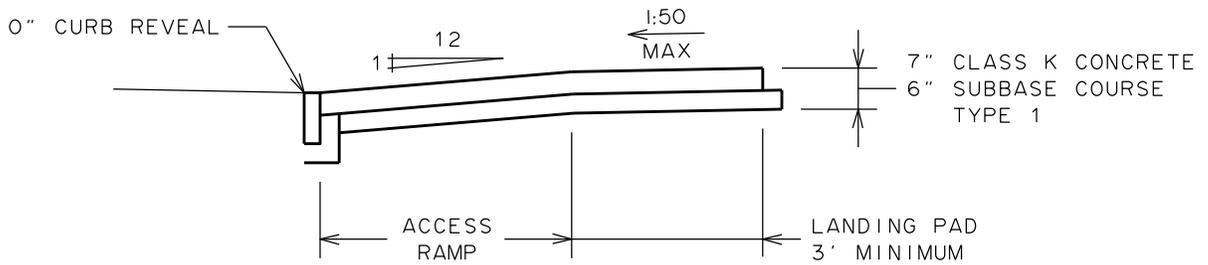
CITY OF ROCHESTER		
SIDEWALK JOG AROUND EXISTING TREE		
ISSUED	5-19-98	NON-STANDARD DWG.NO.S608-32
REVISED	7-31-12	



ACCESS RAMP TYPE D ISOMETRIC



VIEW A-A

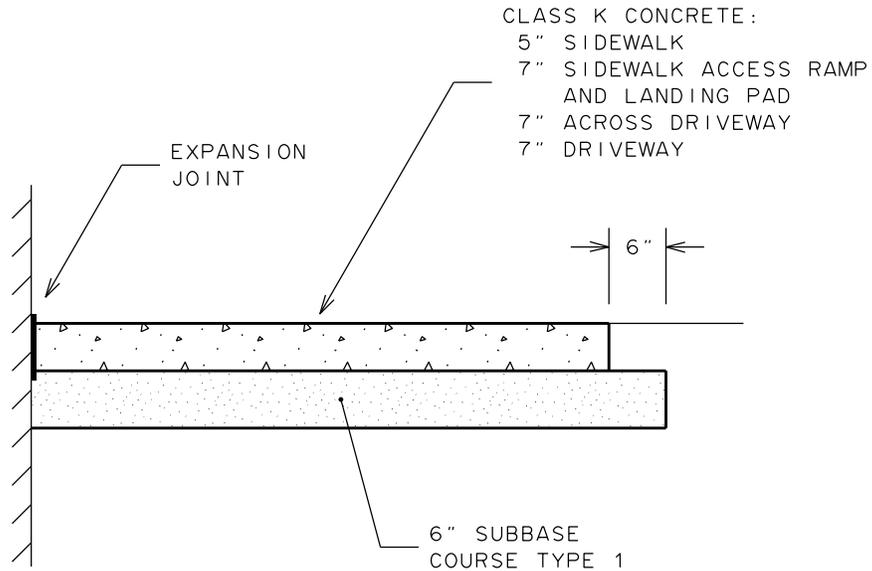


SECTION B-B

NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARES.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. ENTIRE AREA OF ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
4. SEE DETAIL S608-28 FOR DETECTABLE WARNING SYSTEM.

CITY OF ROCHESTER		
SIDEWALK ACCESS RAMP TYPE D		
ISSUED	9-2-91	STANDARD DWG.NO.R608-4
REVISED	3-3-15	



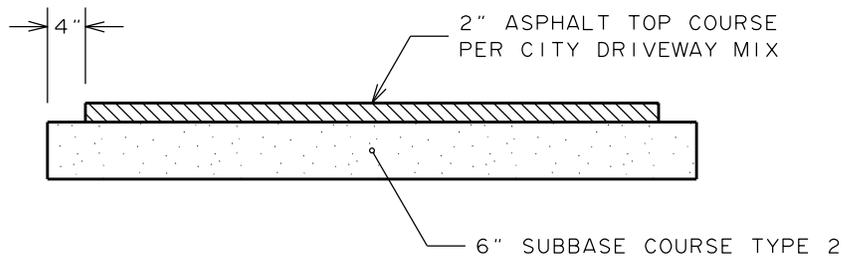
**AT STRUCTURE
 OR APPURTENANCE**

**AT
 LAWN AREA**

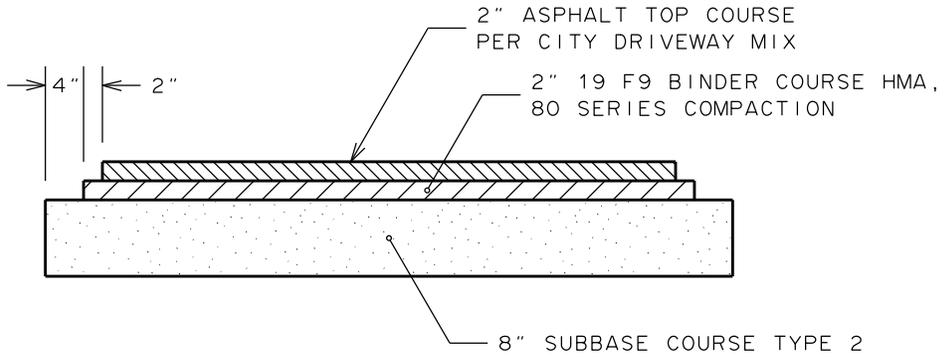
NOTES:

1. MAXIMUM CROSS-SLOPE OF SIDEWALK IS 1:50.
2. SIDEWALK ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CLASS K CONCRETE.
3. PROVIDE 1/2 INCH WIDE EXPANSION JOINT BETWEEN NEW CONCRETE CONSTRUCTION AND BACK EDGE CURB, CONCRETE GUTTER, OTHER PAVED AREAS, BUILDINGS, WALLS, POLE BASES AND OTHER STRUCTURES/ APPURTENANCES.
4. EXPANSION JOINT: 1/2 INCH WIDE PREMOULDED EXPANSION JOINT MATERIAL, SEAL WITH CAULKING SEALANT 1/2 INCH WIDE 5/8 INCH DEEP.

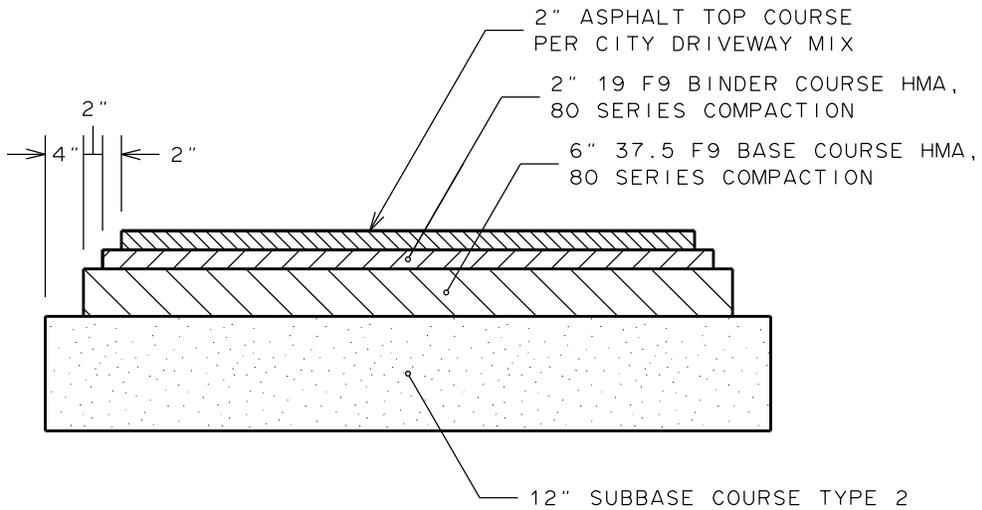
CITY OF ROCHESTER		
CONCRETE SIDEWALK AND DRIVEWAY		
ISSUED	9-2-91	STANDARD DWG.NO.R608-6
REVISED	12-1-15	



LIGHT DUTY

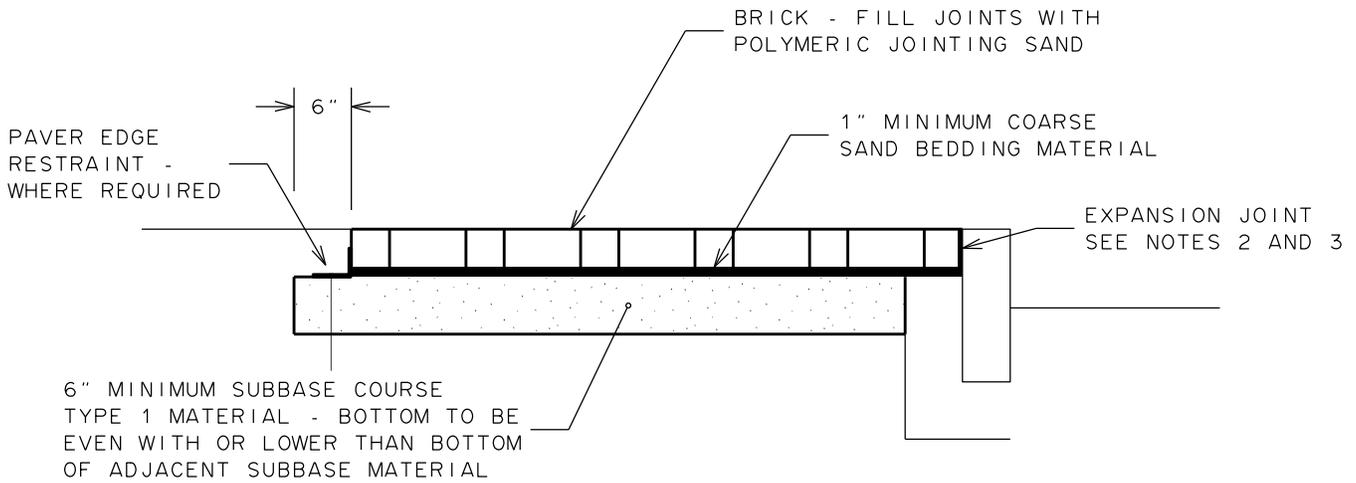


MEDIUM DUTY

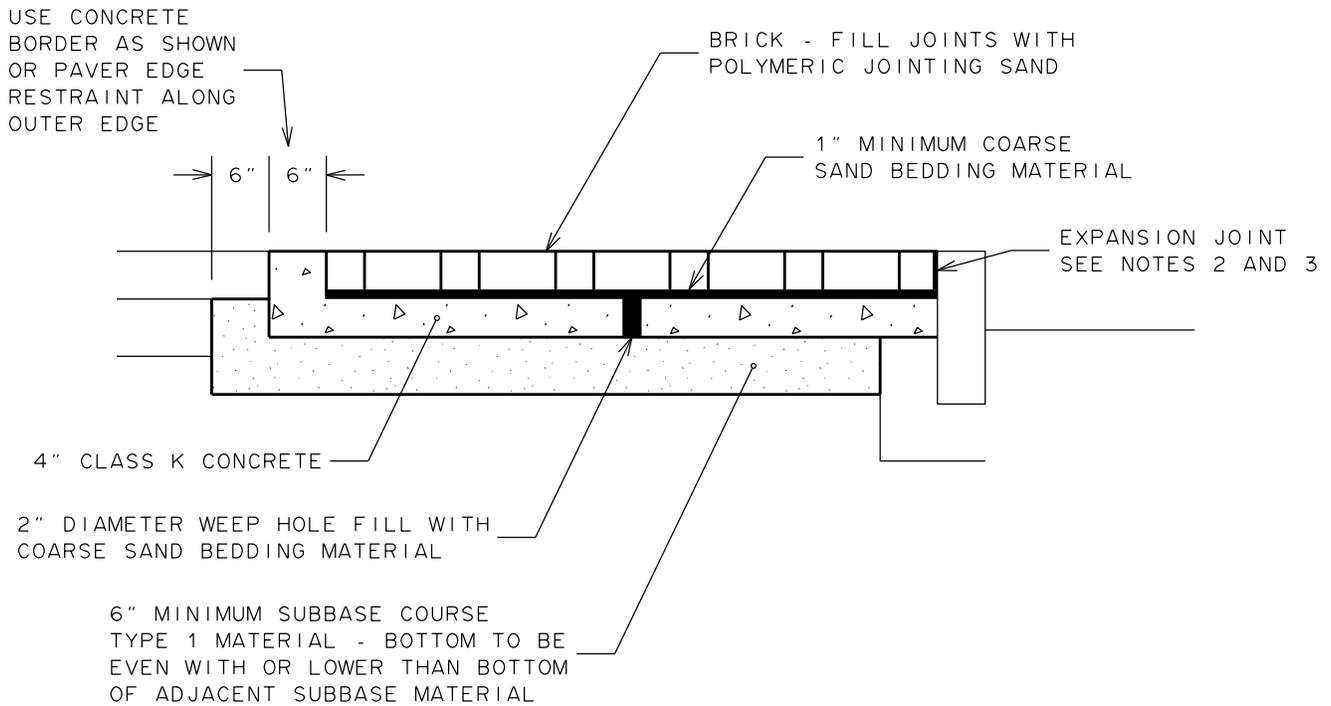


HEAVY DUTY

CITY OF ROCHESTER		
ASPHALT DRIVEWAY		
ISSUED	9-2-91	STANDARD
REVISED	7-31-12	DWG.NO.R608-7



PLAN

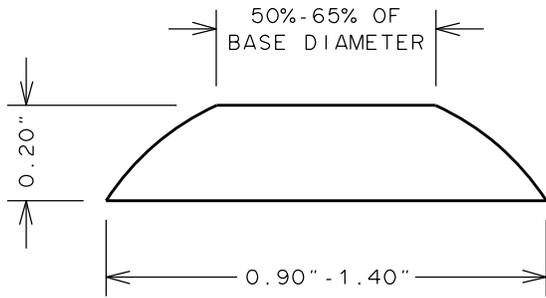


WITH CONCRETE FOUNDATION

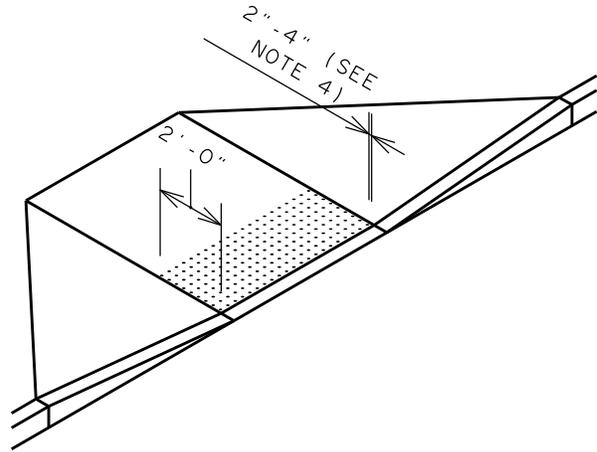
NOTES:

1. MAXIMUM CROSS-SLOPE OF BRICK SIDEWALK IS 1:50.
2. PROVIDE 1/2 INCH WIDE EXPANSION JOINT BETWEEN NEW BRICK CONSTRUCTION AND BACK EDGE CURB, CONCRETE GUTTER, OTHER PAVED AREAS, BUILDINGS, WALLS, POLE BASES AND OTHER STRUCTURES/APPURTENANCES.
3. FOR EXPANSION JOINT USE PREMOULDED EXPANSION JOINT MATERIAL, SEAL TOP WITH CAULKING SEALANT 5/8 INCH DEEP.
4. PROVIDE WEEP HOLE THRU CONCRETE FOUNDATION FOR EVERY 100 SQUARE FEET OF BRICK AREA AND AT ALL LOW POINTS.

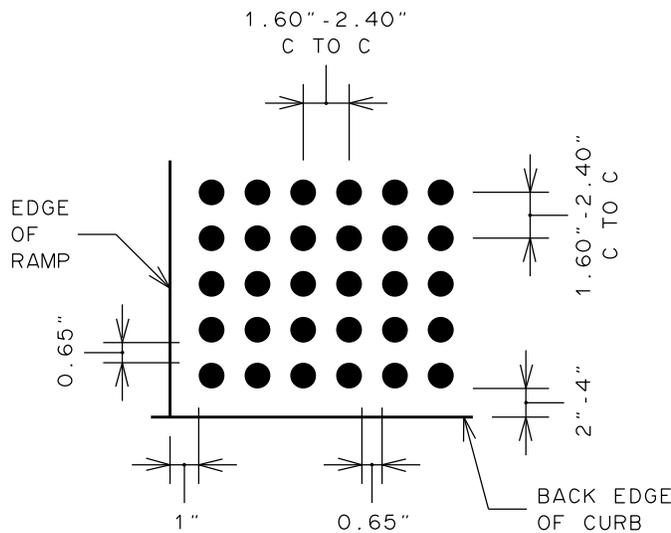
CITY OF ROCHESTER		
BRICK		
ISSUED	9-2-91	STANDARD DWG.NO.R608-8
REVISED	12-1-15	



DOME SECTION



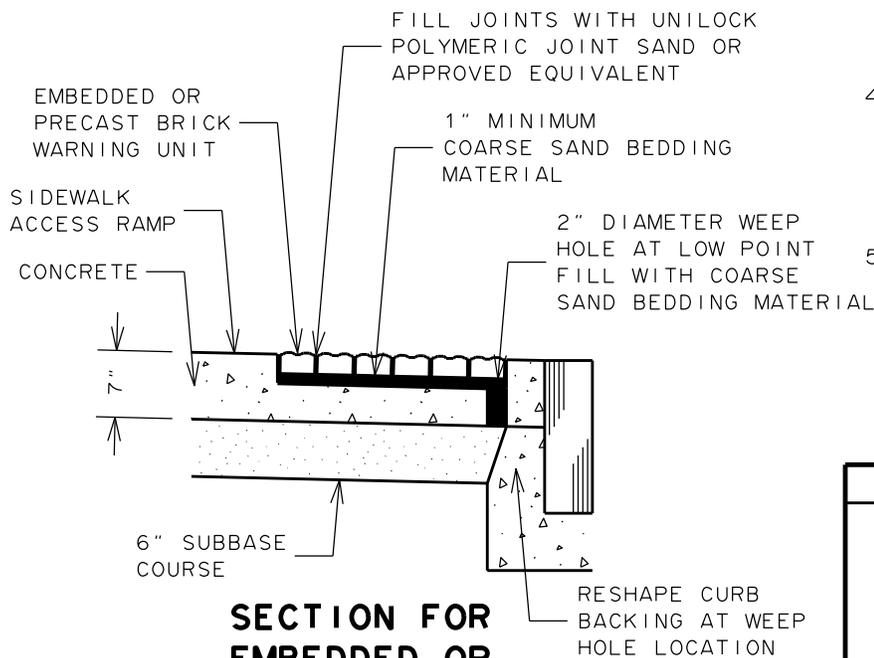
ISOMETRIC



DOME SPACING

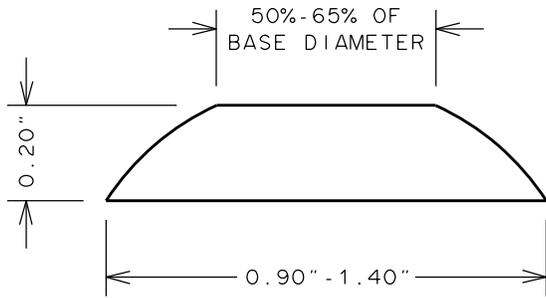
NOTES:

1. QUANTITY OF TRUNCATED DOMES SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY, TO DEPICT REQUIRED SQUARE GRID PATTERN.
2. TRUNCATED DOMES ARE TO BE ALIGNED IN PARALLEL SQUARE GRID PATTERN IN PREDOMINANT DIRECTION OF TRAVEL.
3. DETECTABLE WARNING SYSTEM FIELD IS TO BE 2 FEET DEEP, AND IS TO EXTEND ACROSS FULL WIDTH OF SIDEWALK ACCESS RAMP, BUT NOT UP SIDE FLARES.
4. DETECTABLE WARNING SYSTEM FIELD IS TO BE LOCATED SUCH THAT OUTER EDGE OF WARNING FIELD NEAREST TO STREET IS 2 TO 4 INCHES OFF BACK EDGE OF CURB.
5. ENTIRE DETECTABLE WARNING SYSTEM FIELD INCLUDING TRUNCATED DOMES, IS TO BE DARK GRAY IN COLOR, PER MUNSELL BOOK NOTATION 10BG 3/1, FEDERAL STANDARD 595B NUMBER 36081 OR DARKER, OR APPROVED EQUIVALENT.

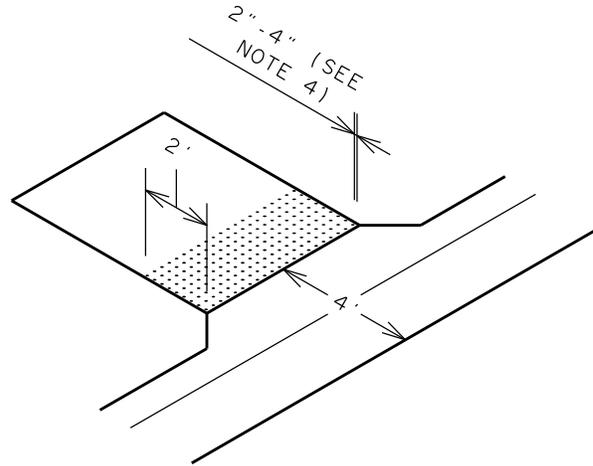


SECTION FOR EMBEDDED OR PRECAST BRICK WARNING UNIT

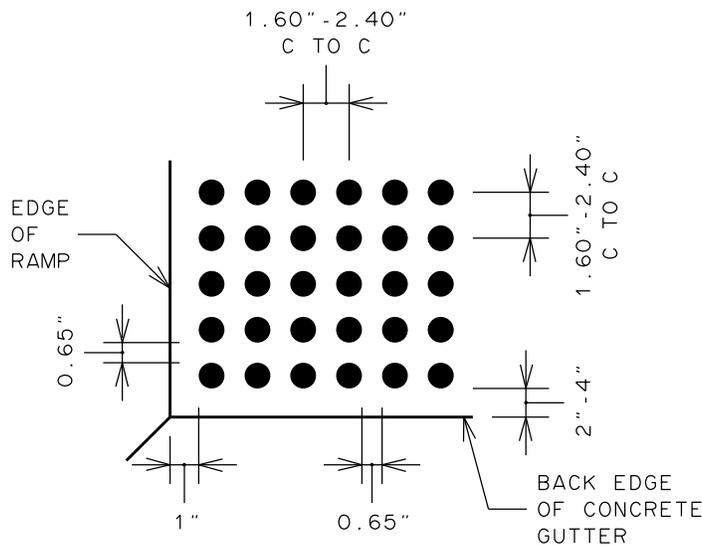
CITY OF ROCHESTER		
DETECTABLE WARNING SYSTEM AT CURB		
ISSUED	1-23-03	NON-STANDARD DWG.NO.S608-28
REVISED	5-1-13	



DOME SECTION



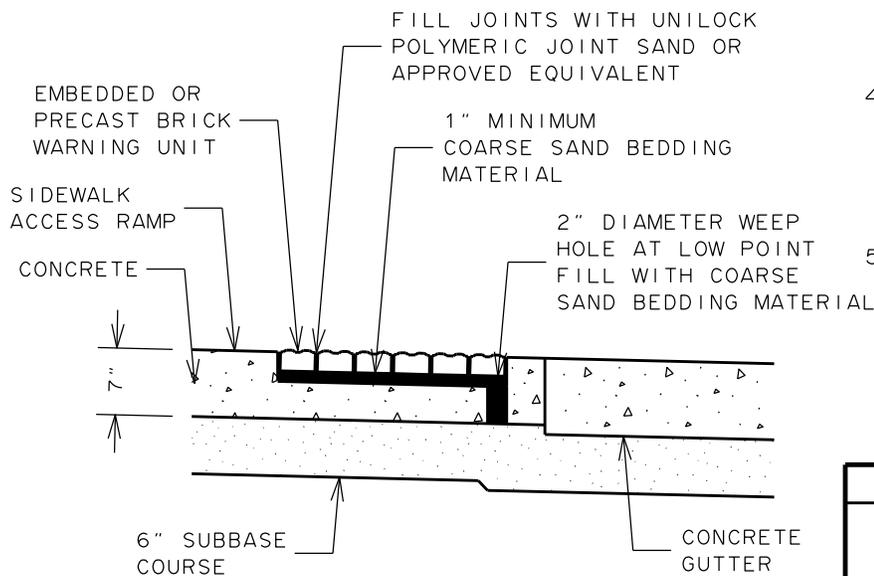
ISOMETRIC



DOME SPACING

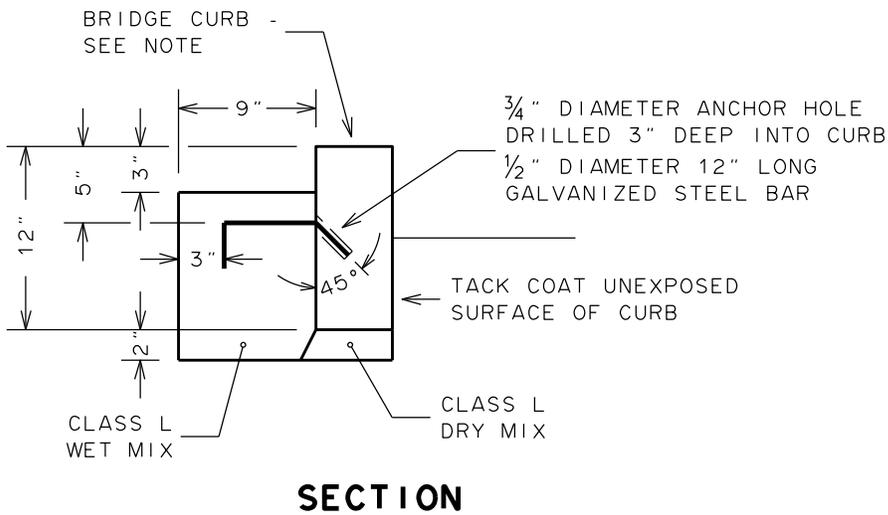
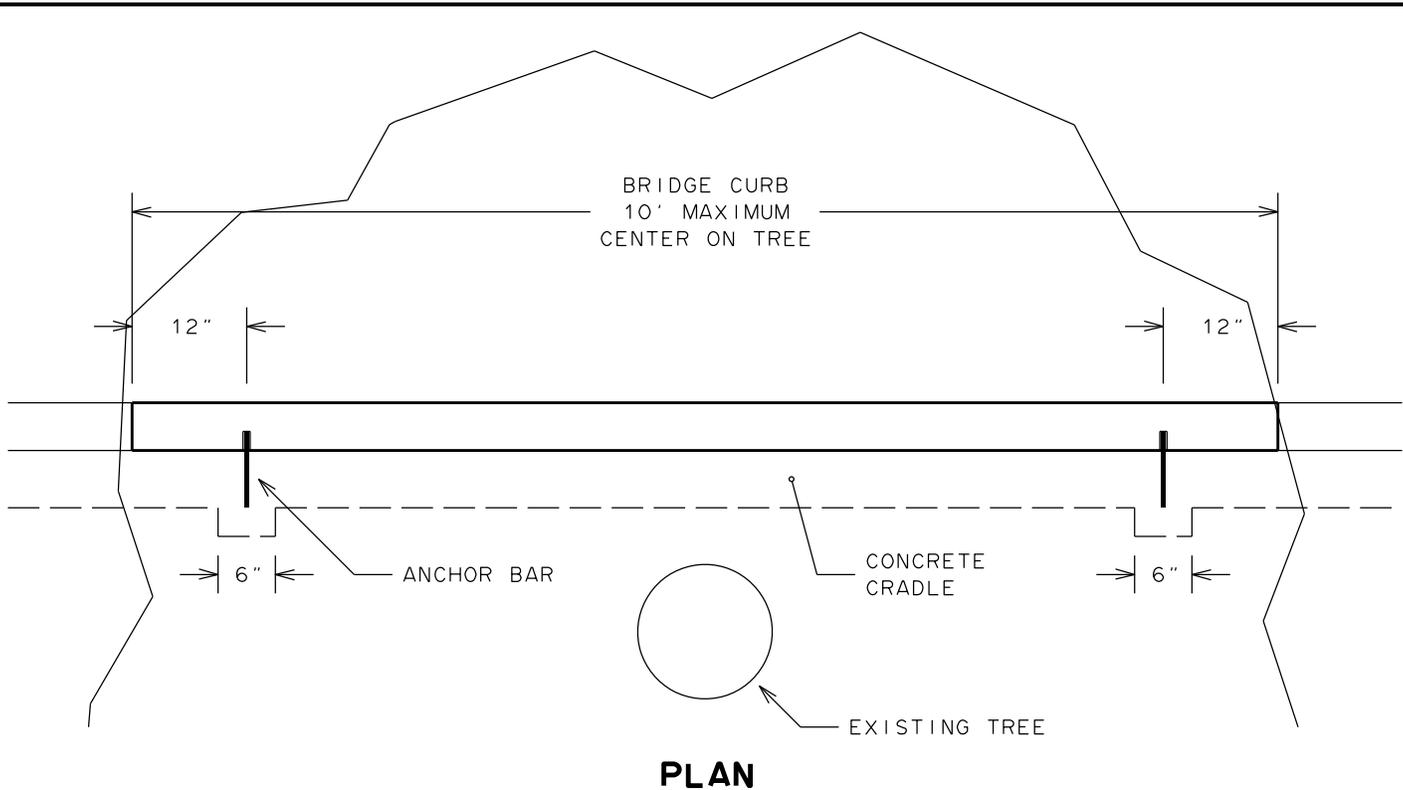
NOTES:

1. QUANTITY OF TRUNCATED DOMES SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY, TO DEPICT REQUIRED SQUARE GRID PATTERN.
2. TRUNCATED DOMES ARE TO BE ALIGNED IN PARALLEL SQUARE GRID PATTERN IN PREDOMINANT DIRECTION OF TRAVEL.
3. DETECTABLE WARNING SYSTEM FIELD IS TO BE 2 FEET DEEP, AND IS TO EXTEND ACROSS FULL WIDTH OF SIDEWALK ACCESS RAMP, BUT NOT UP SIDE FLARES.
4. DETECTABLE WARNING SYSTEM FIELD IS TO BE LOCATED SUCH THAT OUTER EDGE OF WARNING FIELD NEAREST TO STREET IS 2 TO 4 INCHES OFF BACK EDGE OF CONCRETE GUTTER.
5. ENTIRE DETECTABLE WARNING SYSTEM FIELD INCLUDING TRUNCATED DOMES, IS TO BE DARK GRAY IN COLOR, PER MUNSSELL BOOK NOTATION 10BG 3/1, FEDERAL STANDARD 595B NUMBER 36081 OR DARKER, OR APPROVED EQUIVALENT.



SECTION FOR EMBEDDED OR PRECAST BRICK WARNING UNIT

CITY OF ROCHESTER		
DETECTABLE WARNING SYSTEM AT CONCRETE GUTTER		
ISSUED	1-23-03	NON-STANDARD DWG.NO.S608-29
REVISED	5-1-13	

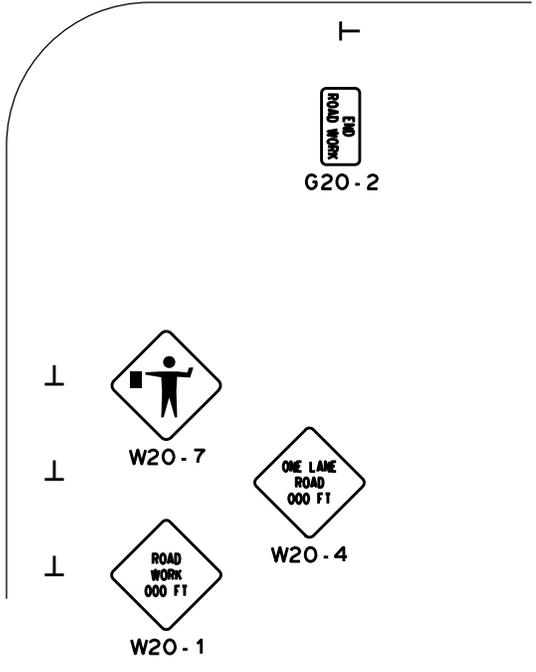
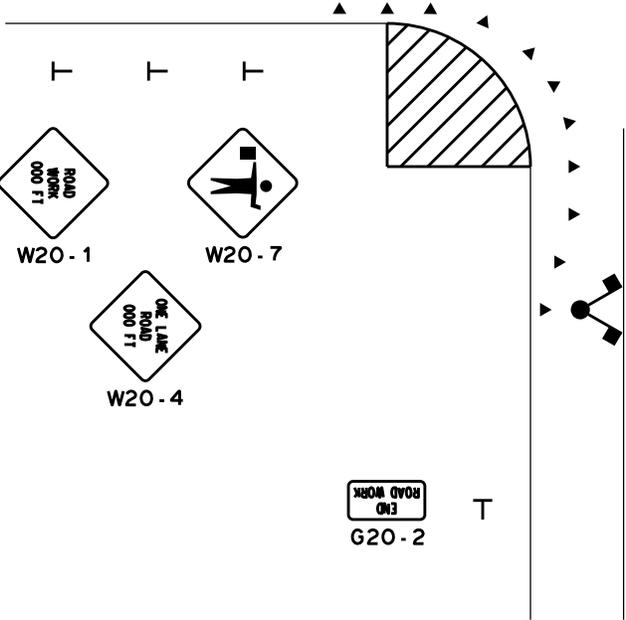
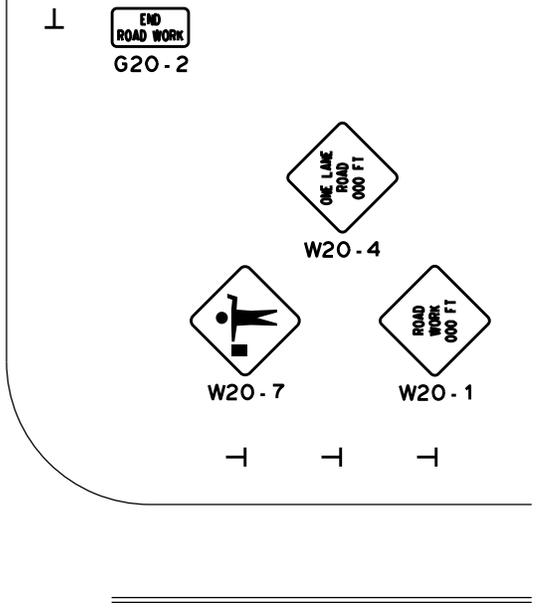
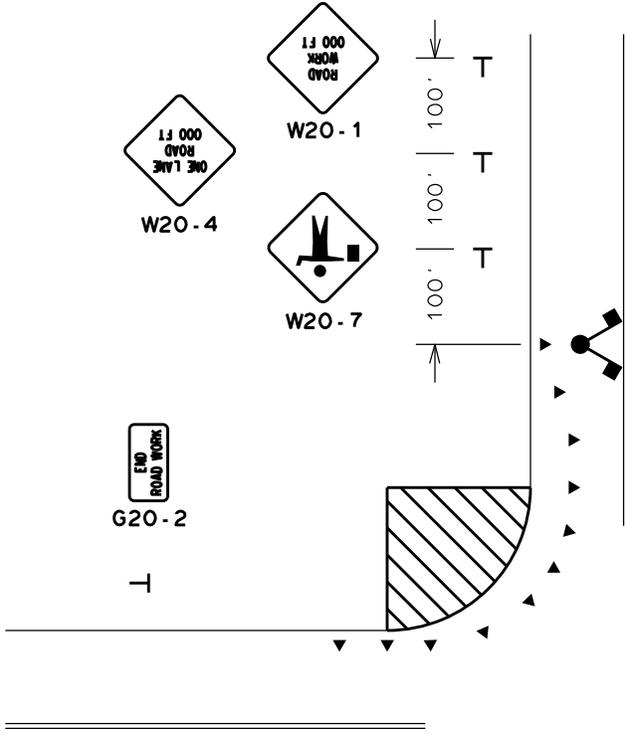


NOTE :

WIDTH OF CURB IS TO BE AS REQUIRED IN CONTRACT DOCUMENTS.

CITY OF ROCHESTER		
BRIDGE STONE CURB		
ISSUED	9-2-91	STANDARD
REVISED	12-1-15	DWG.NO.R609-2

**TWO LANE 2-WAY
ROADWAY
WITHOUT PARKING**

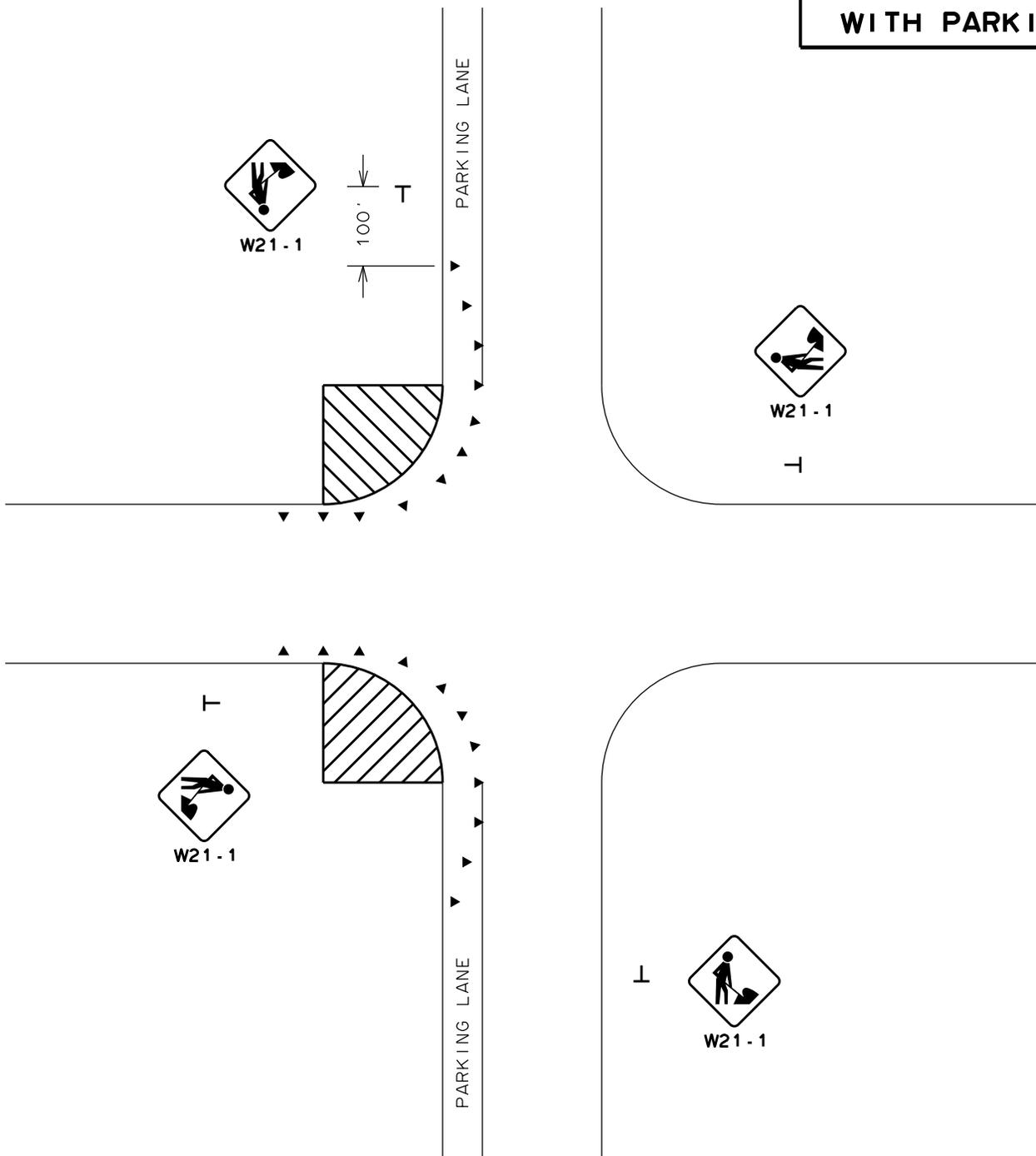


NOTES:

1. TAPER LENGTH PER NATIONAL MUCTD TABLE 6C-4.
2. MAINTAIN 2-WAY TRAFFIC IN ONE LANE.
3. MAINTAIN MINIMUM 10 FEET WIDE DRIVING LANE.
4. FOR SHORT DURATION OPERATION, W20-1 SIGN CAN BE OMITTED.

CITY OF ROCHESTER		
MAINTENANCE AND PROTECTION OF TRAFFIC - MPT-1		
ISSUED	10-22-01	NON-STANDARD DWG.NO.S619-3
REVISED	6-30-12	

**TWO LANE 2-WAY
ROADWAY
WITH PARKING**

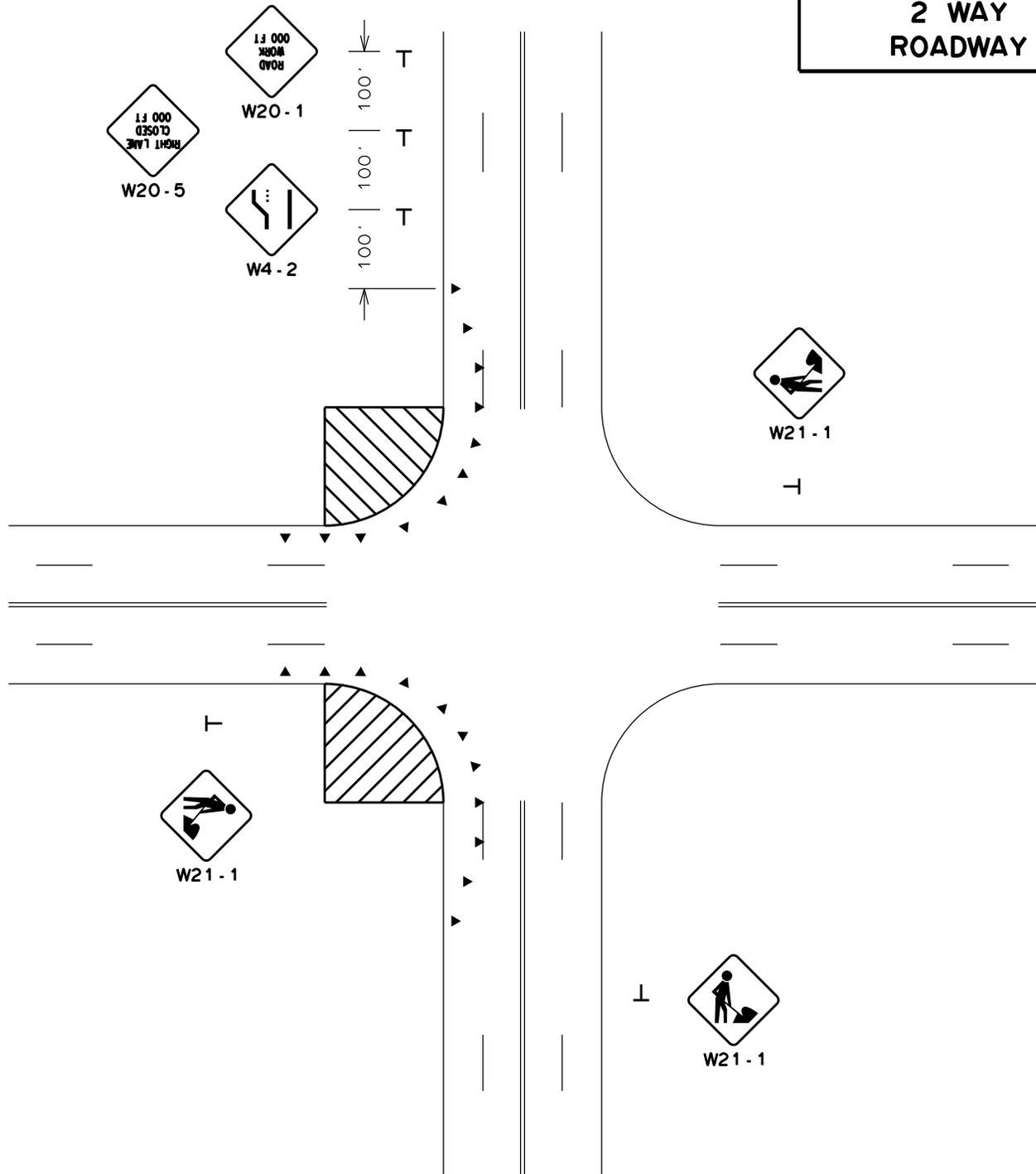


NOTES:

1. TAPER LENGTH PER NATIONAL MUCTD TABLE 6C-4.
2. MAINTAIN 2-WAY TRAFFIC IN TWO LANES.

CITY OF ROCHESTER		
MAINTENANCE AND PROTECTION OF TRAFFIC - MPT-2		
ISSUED	10-22-01	NON-STANDARD DWG.NO.S619-4
REVISED	6-30-12	

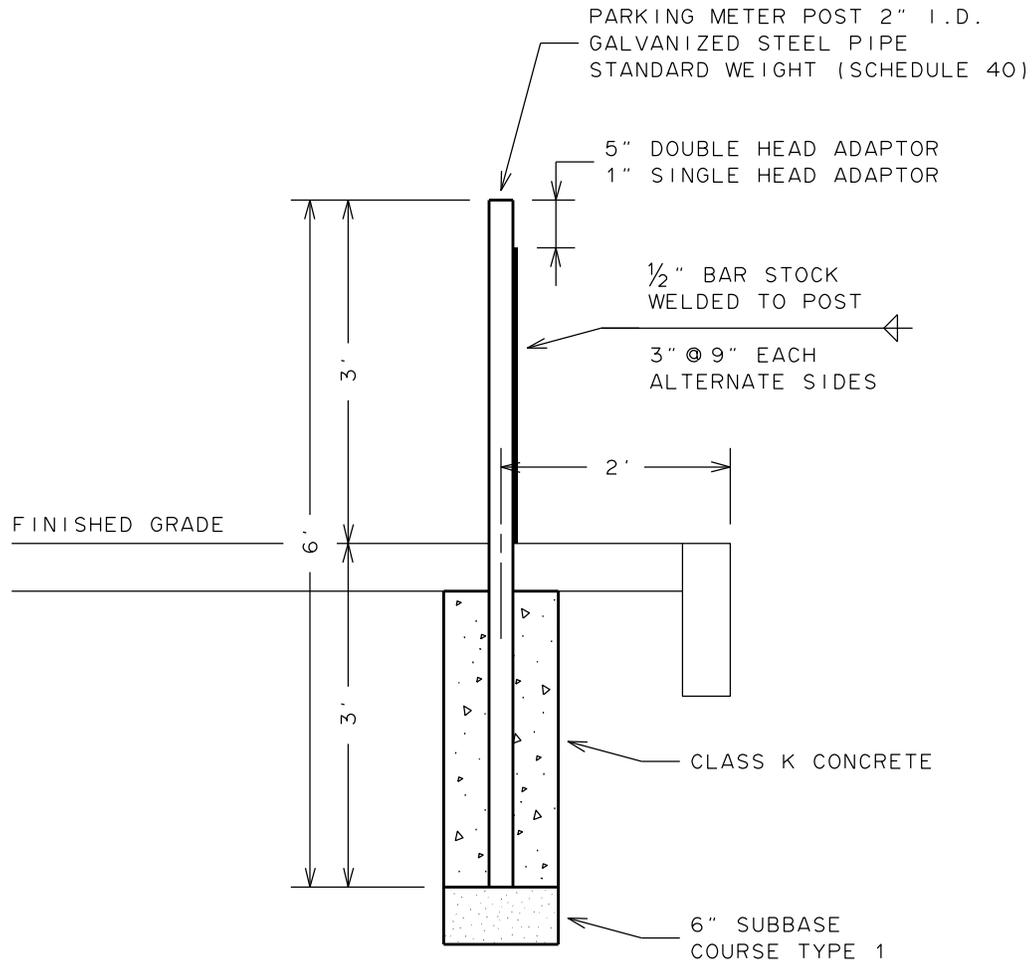
**MULTI-LANE
2 WAY
ROADWAY**



NOTES:

1. TAPER LENGTH PER NATIONAL MUCTD TABLE 6C-4.
2. MAINTAIN MINIMUM 10 FEET WIDE DRIVING LANE.

CITY OF ROCHESTER		
MAINTENANCE AND PROTECTION OF TRAFFIC - MPT-3		
ISSUED	10-22-01	NON-STANDARD DWG.NO.S619-5
REVISED	6-30-12	

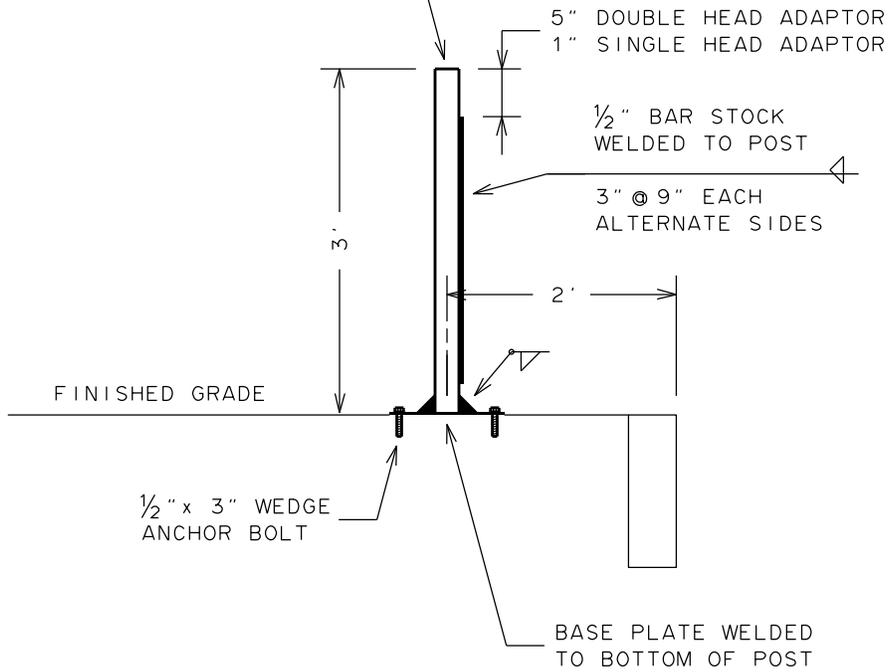


NOTES:

1. WHERE DISTANCE BETWEEN BACKEDGE OF SIDEWALK AND FACE OF CURB IS LESS THAN 7 FEET, OFFSET TO CENTER OF POST IS TO BE 18 INCHES.
2. TOP OF CONCRETE ENCASEMENT TO BE AT BOTTOM OF PAVEMENT SECTION, 4 INCHES BELOW FINISHED GRADE IN LAWN AREA.

CITY OF ROCHESTER		
PARKING METER POST		
ISSUED	9-2-91	STANDARD DWG.NO.R643-1
REVISED	7-31-12	

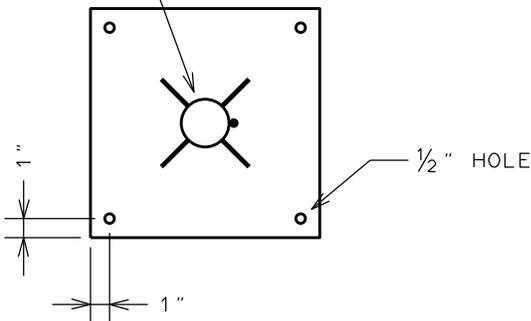
PARKING METER POST 2" I.D.
GALVANIZED STEEL PIPE
STANDARD WEIGHT (SCHEDULE 40)



PLAN

PARKING METER POST

12" SQUARE $\frac{1}{4}$ " CAST STEEL BASE PLATE
WITH (4) $\frac{1}{4}$ " x 2" x 2" FILLETS WELDED TO
BASE PLATE AND POST



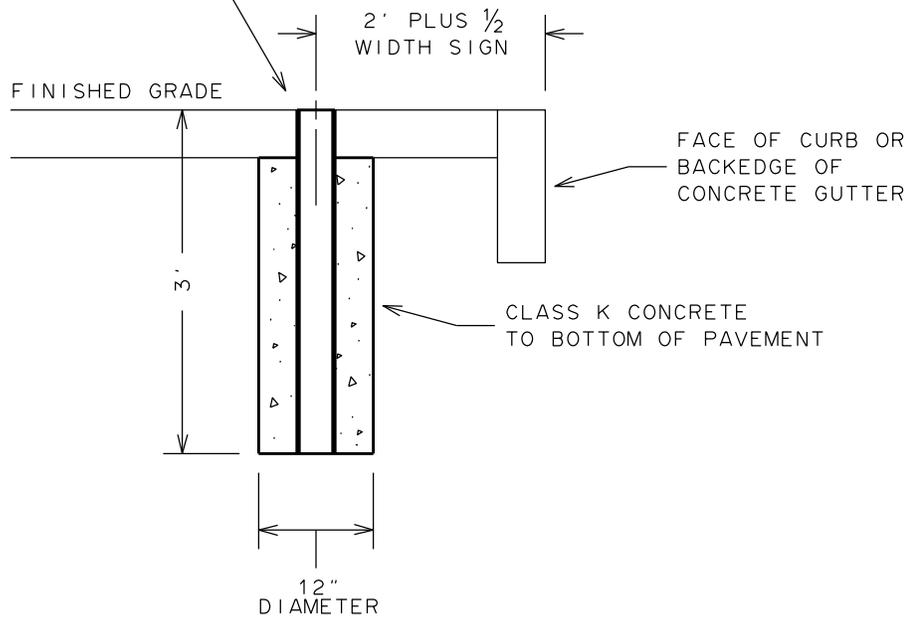
BASE PLATE

NOTE :

WHERE DISTANCE BETWEEN BACKEDGE OF SIDEWALK AND
FACE OF CURB IS LESS THAN 7 FEET, OFFSET TO CENTER
OF POST IS TO BE 18 INCHES.

CITY OF ROCHESTER		
PARKING METER POST OVER STRUCTURE		
ISSUED	9-2-91	STANDARD DWG.NO.R643-2
REVISED	3-3-15	

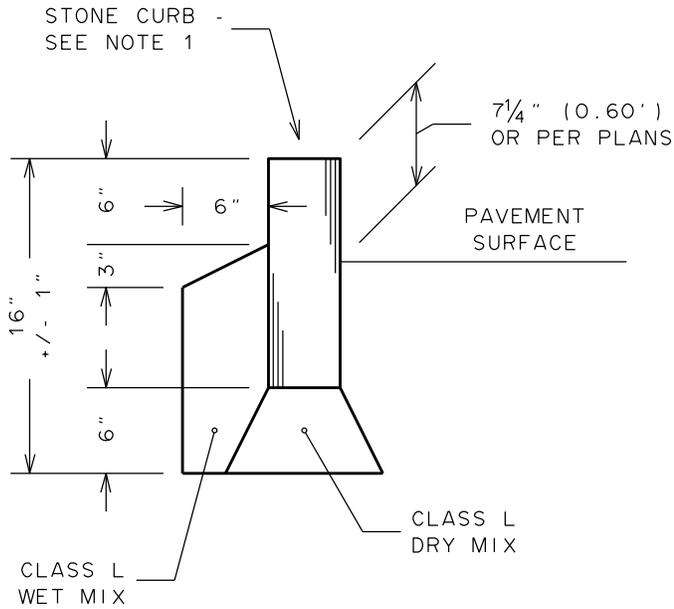
SLEEVE 36" LONG 3½" I.D.
 GALVANIZED STEEL PIPE
 STANDARD WEIGHT (SCHEDULE 40)
 SET TOP OF PIPE FLUSH WITH
 PAVEMENT SURFACE



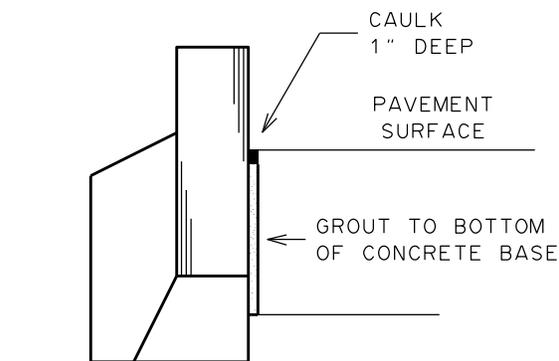
NOTE :

EXACT LOCATION OF SIGN POST SLEEVE WILL BE AS DIRECTED BY MONROE COUNTY DEPARTMENT OF TRANSPORTATION (MCDOT). IF THERE ARE ANY QUESTIONS REGARDING LOCATION, CALL MCDOT FOR FURTHER ASISTANCE AT (585) 753-7750.

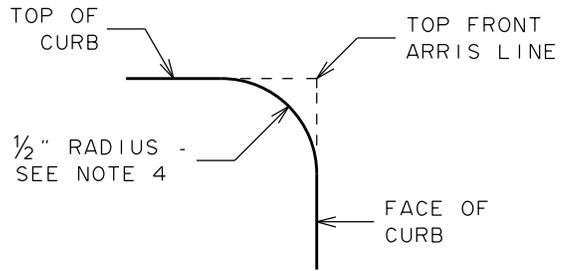
CITY OF ROCHESTER		
SIGN POST SLEEVE		
ISSUED	9-2-91	STANDARD DWG.NO.R643-3
REVISED	1-1-15	



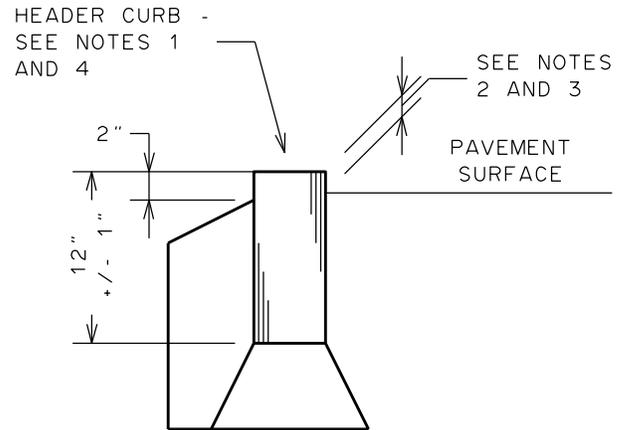
STONE CURB



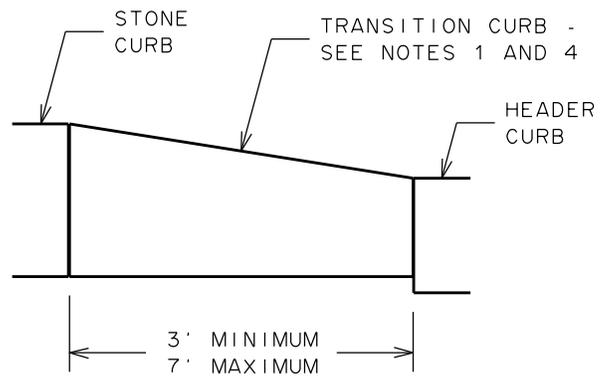
STONE CURB AT RIGID PAVEMENT



CURB FOR DRIVEWAY



HEADER CURB

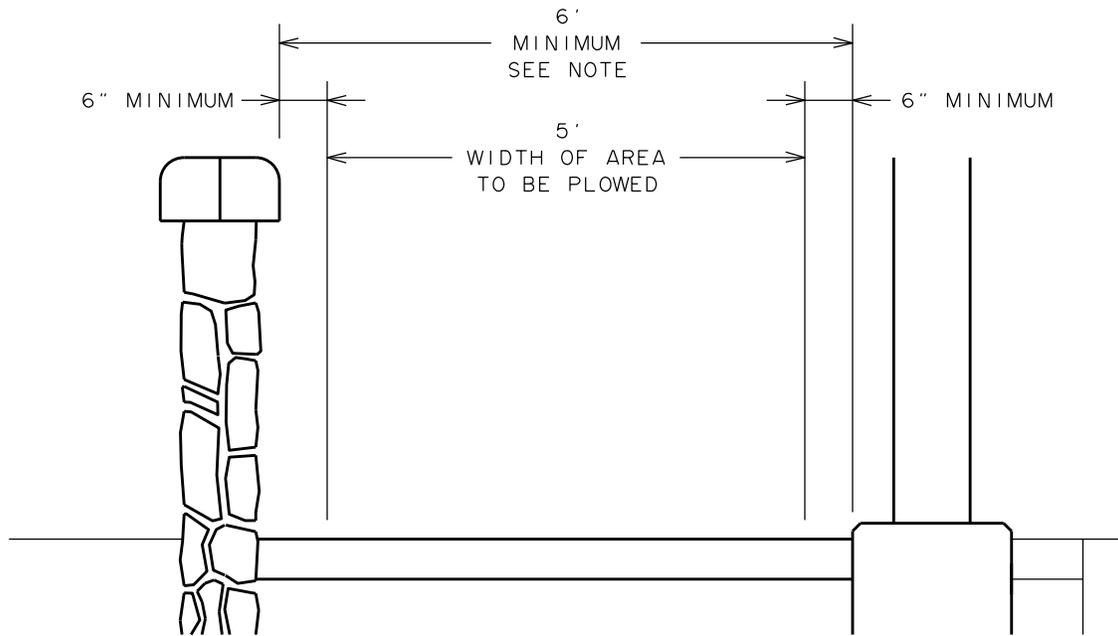


TRANSITION CURB

NOTES:

1. WIDTH OF CURB IS TO BE AS REQUIRED IN CONTRACT DOCUMENTS.
2. SIDEWALK ACCESS RAMP HEADER CURB IS TO BE FLUSH WITH PAVEMENT SURFACE.
3. DRIVEWAY HEADER CURB IS TO HAVE CURB REVEAL OF 1 1/2 INCHES.
4. ONLY TRANSITION AND HEADER CURB PIECES USED FOR DRIVEWAYS ARE TO BE ROUNDED.
5. TACK COAT UNEXPOSED SURFACE OF CURB.

CITY OF ROCHESTER		
STONE CURB		
ISSUED	9-2-91	STANDARD DWG.NO.R609-1
REVISED	12-1-15	



NOTE :

WHERE NEW SIDEWALK IS CONSTRUCTED BETWEEN OPPOSING VERTICAL OBSTRUCTIONS SUCH AS BUILDING, RETAINING WALL, PLANTER, TRAFFIC CONTROL BOX, POLE, HYDRANT, TREE, ETC, THERE NEEDS TO BE MINIMUM OF 6 FEET OF CLEAR SPACE BETWEEN OUTERMOST FACE OF SUCH OPPOSING VERTICAL OBSTRUCTIONS TO PERMIT UNENCUMBERED SIDEWALK SNOW PLOW OPERATIONS.

CITY OF ROCHESTER		
SIDEWALK AT VERTICAL OBSTRUCTIONS		
ISSUED	2-25-08	NON-STANDARD DWG.NO.S608-33
REVISED	7-31-12	

I. Right of Way

No sidewalk repairs shall be made outside of the public right of way.

J. Release Forms

The Contractor shall secure a release entitled "Request for Re-establishment of Approaches to Private Lands" in the event it is necessary to repair a sidewalk or to make an asphalt restoration in the course of repairing a sidewalk segment. A copy of this release is contained within these contract documents.

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City of Rochester, New York
 Department of Environmental Services
 Engineering and Architectural Services

Hazardous Sidewalk Replacement Program

Your hazardous sidewalk is scheduled to be replaced.

Our contractor will begin removal and replacement of the walks in front of your property within the next two weeks. These walks have been identified as being hazardous, and in need of repair. Walks that are merely cracked, unsightly, holding water, tilted, or slightly spalled will not be replaced as a part of this program.

The hazardous sidewalks have been inventoried and marked with paint. If the sidewalks are marked for replacement within your driveway area, it will be necessary for you to park your vehicles in another location during the new sidewalk construction. The contractor is required to notify residents prior to excavating within a driveway to allow residents to move their vehicles.

The contractor will be required to meet the following construction timetable:

1. New sidewalks will be installed within 3 working days after the old sidewalks are removed.
2. New concrete within driveways must cure for at least 3 days before opening driveways. Crushed stone or similar fill material will be used to temporarily fill the excavated areas between the new sidewalk and the existing driveway material after the concrete has cured and before final driveway restoration.
3. The contractor will make permanent driveway, topsoil and seeding restoration within 14 days after installing the new concrete sidewalks. In order to promote grass growth, we ask that the residents water the newly seeded areas frequently.

If you have any questions about the work being done, please call 311.

Believe.



City of Rochester, NY
 Lovely A. Warren, Mayor
 Rochester City Council



City of Rochester, New York
 Department of Environmental Services
 Engineering and Architectural Services

Seeding Notice

The City Contractor will be placing topsoil and seed where your lawn has been disturbed by the sidewalk replacement.

We need your help with newly planted grass. A few moments of daily care will help your new lawn grow.

You can help by:

- Keeping the freshly seeded lawn moist with frequent watering, especially during the drier summer months.

- Staying off the seeded areas as much as possible until grass is well established.

- Pulling or mowing the larger weeds (Weeds grow naturally everywhere and were not planted by the contractor. The seeds can come in with the topsoil or blow in from nearby areas after lawn seeding).

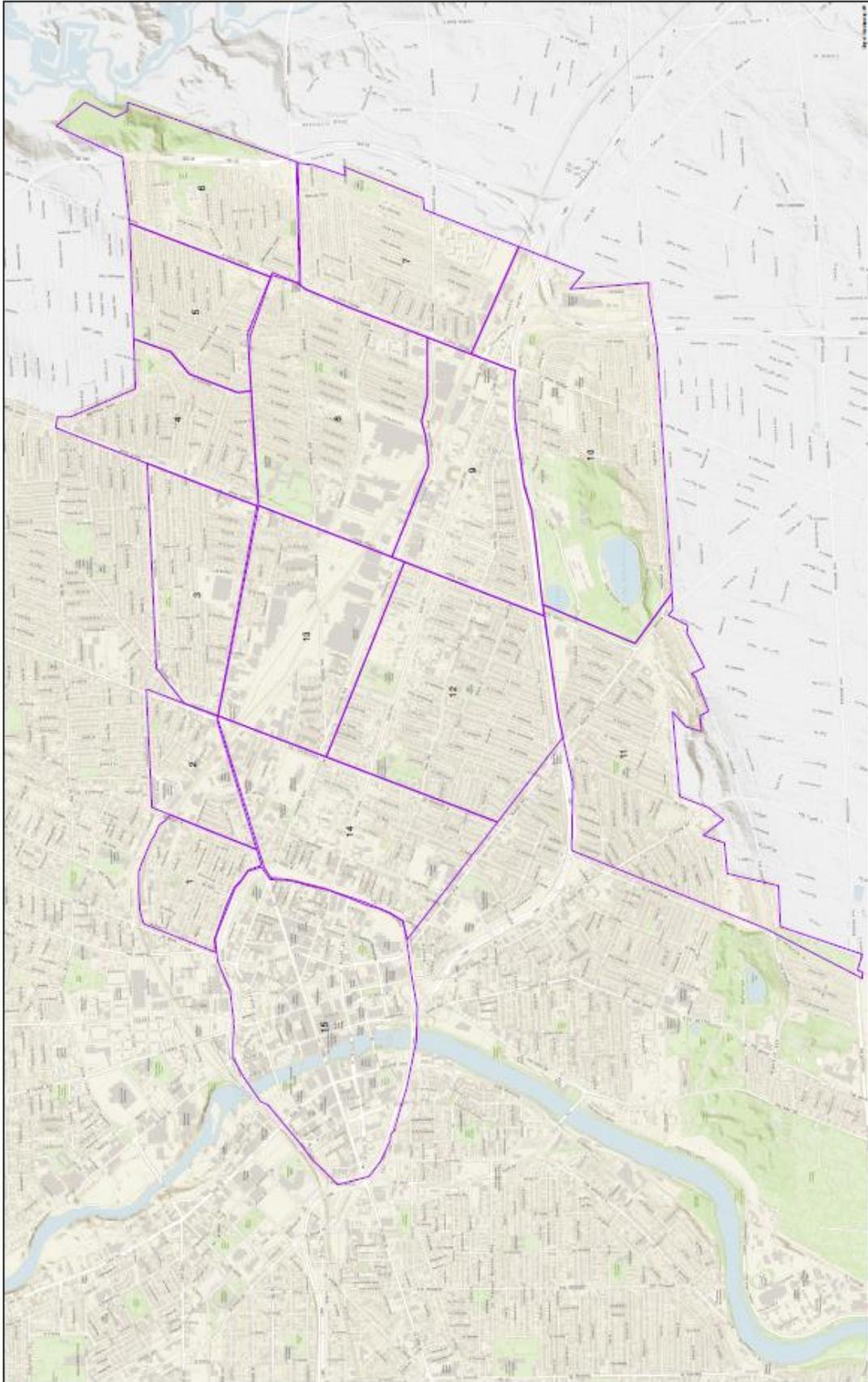
If there are any questions regarding the seeding, please call 311.

Thanks for helping keep Rochester green!

Believe.



City of Rochester, NY
 Lovely A. Warren, Mayor
 Rochester City Council



Sidewalk repair locations are shown on the Plans along with a “key” to correlate the location given on the map with the contract repair listing.

Point ID Code.

Z Z-list item, high priority

Utility Code:

RCS	Rochester City Survey
RTS	Rochester Transit Survey
USCGS	United States Coastal Geodesic Survey
WV	Water Valve
GAS	Gas Valve
LP	Light Pole
HYD	Hydrant
PP	Power Pole
HH	Hand Hole
SP	Sign Post

The following sidewalk locations shall be repaired:

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Section	Street Name	Address	5" count	7" count
SE-7	Winton Rd	314	3	
SE-7	Winton Rd	326	1	
SE-7	Winton Rd	338	3	
SE-7	Winton Rd	346	3	
SE-7	Winton Rd	356	9	
SE-7	Winton Rd	366	10	
SE-7	Winton Rd	op415	1	
SE-7	Winton Rd	428	6	
SE-7	Winton Rd	444	1	
SE-7	Winton Rd	460	13	
SE-7	Winton Rd	480	3	
SE-7	Winton Rd	492	4	
SE-7	Winton Rd	512	3	
SE-7	Winton Rd	522	1	
SE-7	Winton Rd	540	2	
SE-7	Winton Rd	565	4	
SE-7	Winton Rd	553	1	
SE-7	Winton Rd	495	2	
SE-7	Winton Rd	471	1	
SE-7	Winton Rd	465	1	
SE-7	Winton Rd	399	1	
SE-7	Winton Rd	327	1	
SE-7	Winton Rd	311	3	
SE-7	Winton Rd	295	2	
SE-7	Winton Rd	277	1	
SE-7	Winton Rd	257	1	
SE-7	Winton Rd	239	1	
SE-7	Winton Rd	230	2	
SE-7	Winton Rd	246	2	
SE-7	Winton Rd	298	1	
SE-7	Winton Rd	304	1	
SE-7	Halstead St	68	5	
SE-7	Shirley St	op15	5	
SE-7	Shirley St	56	1	
SE-7	Shirley St	64	1	
SE-7	Shirley St	so82	3	
SE-7	Shirley St	95	5	4
SE-7	Shirley St	25	5	
SE-7				
SE-7	Brentwood St	70	1	
SE-7	Brentwood St	69	3	
SE-7				
SE-7	Gale Ter	29	11	4

Section	Street Name	Address	5" count	7" count
SE-7	Gale Ter	35	1	
SE-7	Gale Ter	39	5	3
SE-7	Gale Ter	49	1	3
SE-7	Gale Ter	55	7	3
SE-7	Gale Ter	65	3	1
SE-7	Gale Ter	so67 Shirley St	6	
SE-7	Gale Ter	22	1	
SE-7	Gale Ter	so180 Winton Rd	5	
SE-7				
SE-7	Beresford Rd	219	2	
SE-7	Beresford Rd	209	1	
SE-7	Beresford Rd	195	9	
SE-7	Beresford Rd	so843 Winton Rd	1	
SE-7	Beresford Rd	159	1	
SE-7	Beresford Rd	135	1	
SE-7	Beresford Rd	71	1	
SE-7	Beresford Rd	50	3	
SE-7	Beresford Rd	102	1	
SE-7	Beresford Rd	110	2	
SE-7	Beresford Rd	138	3	
SE-7	Beresford Rd	166	2	
SE-7	Beresford Rd	so860 Winton Rd	3	
SE-7	Beresford Rd	232	1	
SE-7	Beresford Rd	242	10	
SE-7	Beresford Rd	252	3	
SE-7	Beresford Rd	262	6	4
SE-7	Beresford Rd	276	9	5
SE-7	Beresford Rd	330	5	
SE-7	Beresford Rd	340	3	
SE-7	Beresford Rd	360	1	
SE-7	Beresford Rd	370	2	
SE-7	Beresford Rd	416	5	2
SE-7	Beresford Rd	so135 Dorchester Rd	16	
SE-7	Beresford Rd	391	1	
SE-7	Beresford Rd	373	1	
SE-7	Beresford Rd	355	7	5
SE-7	Beresford Rd	325	3	
SE-7	Beresford Rd	317	6	
SE-7	Beresford Rd	307	4	
SE-7	Beresford Rd	391	3	
SE-7	Beresford Rd	283	2	
SE-7	Beresford Rd	257	1	
SE-7	Beresford Rd	241	2	
SE-7				
SE-7	Yarmouth Rd	415	1	

Section	Street Name	Address	5" count	7" count
SE-7	Yarmouth Rd	397	5	
SE-7	Yarmouth Rd	381	1	
SE-7	Yarmouth Rd	355	2	
SE-7	Yarmouth Rd	345	3	1
SE-7	Yarmouth Rd	335	7	
SE-7	Yarmouth Rd	325	2	
SE-7	Yarmouth Rd	305	4	2
SE-7	Yarmouth Rd	265	2	1
SE-7	Yarmouth Rd	249	2	5
SE-7	Yarmouth Rd	239	1	
SE-7	Yarmouth Rd	op180	1	
SE-7	Yarmouth Rd	173	1	
SE-7	Yarmouth Rd	95	1	
SE-7	Yarmouth Rd	124	4	
SE-7	Yarmouth Rd	144	1	
SE-7	Yarmouth Rd	192	1	
SE-7	Yarmouth Rd	230	1	
SE-7	Yarmouth Rd	240	2	
SE-7	Yarmouth Rd	250		1
SE-7	Yarmouth Rd	262	2	
SE-7	Yarmouth Rd	270	4	
SE-7	Yarmouth Rd	280	2	2
SE-7	Yarmouth Rd	288	1	
SE-7	Yarmouth Rd	296	1	
SE-7	Yarmouth Rd	304	1	
SE-7	Yarmouth Rd	336	5	
SE-7	Yarmouth Rd	354	5	2
SE-7	Yarmouth Rd	374	6	
SE-7	Yarmouth Rd	380	5	2
SE-7	Yarmouth Rd	422	1	2
SE-7	Yarmouth Rd	so215 Dorchester Rd	2	
SE-7	Yarmouth Rd	so185 Dorchester Rd	10	
SE-7	Yarmouth Rd	op422	1	
SE-7	Bobrich Dr	27	6	
SE-7	Bobrich Dr	op42	2	
SE-7	Bobrich Dr	op44	1	
SE-7	Bobrich Dr	101	3	
SE-7	Bobrich Dr	103	3	
SE-7	Bobrich Dr	op114	3	
SE-7	Bobrich Dr	op116	5	
SE-7	Bobrich Dr	111	1	
SE-7	Bobrich Dr	113	4	
SE-7	Bobrich Dr	100' E of Yarmouth, north	2	
SE-7	Bobrich Dr	75' E of Yarmouth, south	1	

Section	Street Name	Address	5" count	7" count
SE-7	Bobrich Dr	122	5	
SE-7	Bobrich Dr	118	1	
SE-7	Bobrich Dr	114	4	
SE-7	Bobrich Dr	102	2	
SE-7	Bobrich Dr	44	2	
SE-7	Bobrich Dr	40	1	
SE-7	Bobrich Dr	34	2	
SE-7	Bobrich Dr	30	2	
SE-7	Bobrich Dr	op21	1	
SE-7	Bobrich Dr	3	1	
SE-7	Bobrich Dr	5	1	
SE-7	Bobrich Dr	9	2	
SE-7	Blossom Rd	880	3	
SE-7	Blossom Rd	743	1	
SE-7	Blossom Rd	791	3	
SE-7	Blossom Rd	so192 Yarmouth Rd	1	
SE-7	Blossom Rd	op948	3	
SE-7	Heather St	op66	4	6
SE-7	Heather St	op74	1	
SE-7	Heather St	back of 780 Blossom Rd	3	
SE-7	Heather St	so15 Arbordale Av	6	
SE-7	Heather St	56	3	
SE-7	Heather St	46	16	5
SE-7	Heather St	30	2	
SE-7	Heather St	18	1	
SE-7	Heather St	so246 Winton Rd	3	1
SE-7	Woodland Pk	85	2	
SE-7	Woodland Pk	86	3	
SE-7	Woodland Pk	68	2	
SE-7	Woodland Pk	64	6	
SE-7	Woodland Pk	58	4	2
SE-7	Woodland Pk	20	1	
SE-7	Woodland Pk	so338 Winton Rd	7	
SE-7	Woodland Pk	3	7	
SE-7	Woodland Pk	5	1	
SE-7	Woodland Pk	31		3
SE-7	Woodland Pk	37	1	
SE-7	Nottingham Rd	8	6	
SE-7	Nottingham Rd	op21	1	
SE-7	Nottingham Rd	so45	7	
SE-7	Nottingham Rd	45	8	

Section	Street Name	Address	5" count	7" count
SE-7	Nottingham Rd	61	4	2
SE-7	Nottingham Rd	65		3
SE-7	Nottingham Rd	71	1	
SE-7	Nottingham Rd	77	5	
SE-7	Nottingham Rd	so161 Arbordale Av	2	
SE-7	Nottingham Rd	so173 Arbordale Av	2	
SE-7	Nottingham Rd	78	2	
SE-7	Nottingham Rd	56	2	
SE-7	Nottingham Rd	33	3	
SE-7	Nottingham Rd	29	1	
SE-7	Nottingham Rd	21	1	
SE-7	Nottingham Cir	op3	1	
SE-7	Nottingham Cir	op9	7	
SE-7	Nottingham Cir	10	1	
SE-7	Nottingham Cir	15	4	
SE-7	Nottingham Cir	3	4	
SE-7	Arbordale Av	151	5	
SE-7	Arbordale Av	SWC Woodland Pk	2	
SE-7	Arbordale Av	19	4	1
SE-7	Arbordale Av	so802 Blossom Rd	4	
SE-7	Arbordale Av	42	2	
SE-7	Arbordale Av	48	1	
SE-7	Arbordale Av	60	8	
SE-7	Arbordale Av	64	4	
SE-7	Arbordale Av	70	4	2
SE-7	Arbordale Av	74	4	
SE-7	Arbordale Av	80	1	
SE-7	Arbordale Av	90	3	
SE-7	Arbordale Av	128	4	
SE-7	Arbordale Av	150	8	
SE-7	Arbordale Av	154	7	2
SE-7	Arbordale Av	192	3	
SE-7	Arbordale Av	198	3	
SE-7	Arbordale Av	216	3	
SE-7	Arbordale Av	226	3	
SE-7	Arbordale Av	236	1	
SE-7	Arbordale Av	so97 Dorchester Rd	4	
SE-7	Arbordale Av	211	1	
SE-7	Arbordale Av	195	2	2
SE-7	Arbordale Av	189	1	
SE-7	Croydon Rd	125	2	
SE-7	Croydon Rd	115	1	

Section	Street Name	Address	5" count	7" count
SE-7	Croydon Rd	97	1	2
SE-7	Croydon Rd	75	1	
SE-7	Croydon Rd	57	2	
SE-7	Croydon Rd	40	7	
SE-7	Croydon Rd	72	2	
SE-7	Croydon Rd	80	5	
SE-7	Croydon Rd	124	2	3
SE-7	Croydon Rd	144	4	
SE-7	Croydon Rd	184	1	
SE-7	Croydon Rd	224	1	1
SE-7	Croydon Rd	234	1	
SE-7	Croydon Rd	so225 Dorchester Rd	3	
SE-7	Croydon Rd	225	1	3
SE-7	Croydon Rd	215	3	3
SE-7	Croydon Rd	175	2	2
SE-7	Croydon Rd	165	1	
SE-7	Croydon Rd	155	2	
SE-7	Newcastle Rd	121	4	3
SE-7	Newcastle Rd	75	1	
SE-7	Newcastle Rd	45	2	
SE-7	Newcastle Rd	19	4	
SE-7	Newcastle Rd	44	1	
SE-7	Newcastle Rd	62	2	
SE-7	Newcastle Rd	90	6	
SE-7	Newcastle Rd	110	8	
SE-7	Newcastle Rd	148	3	
SE-7	Newcastle Rd	op177	1	
SE-7	Newcastle Rd	op187	1	
SE-7	Newcastle Rd	op195	1	
SE-7	Newcastle Rd	op205	3	
SE-7	Newcastle Rd	so195 Windemere	1	
SE-7	Newcastle Rd	NEC Windemere	3	
SE-7	Newcastle Rd	340	4	
SE-7	Newcastle Rd	382	1	
SE-7	Newcastle Rd	400	2	
SE-7	Newcastle Rd	so235 Browncroft	6	
SE-7	Newcastle Rd	385	1	
SE-7	Newcastle Rd	349	1	
SE-7	Newcastle Rd	325	4	4
SE-7	Newcastle Rd	279	1	
SE-7	Newcastle Rd	so285 Dorchester	3	
SE-7	Newcastle Rd	195	1	
SE-7	Newcastle Rd	187	3	
SE-7	Newcastle Rd	151	2	

Section	Street Name	Address	5" count	7" count
SE-7	Gas Light Trail	62		1
SE-7	Gas Light Trail	94	2	
SE-7	Gas Light Trail	116	4	3
SE-7	Gas Light Trail	47	1	
SE-7	Gas Light Trail	37	3	
SE-7	Gas Light Trail	15	3	
SE-7	Gas Light Trail	op1	2	
SE-7	Gas Light Trail	54	2	
SE-7	Dorchester Rd	238	2	
SE-7	Dorchester Rd	so14 Gramercy Pk	3	
SE-7	Dorchester Rd	23	1	
SE-7	Dorchester Rd	43	1	
SE-7	Dorchester Rd	49	1	
SE-7	Dorchester Rd	61	1	
SE-7	Dorchester Rd	125	1	
SE-7	Dorchester Rd	267	2	
SE-7	Dorchester Rd	285	1	
SE-7	Dorchester Rd	op so278 Newcastle	13	
SE-7	Dorchester Rd	op340	1	
SE-7	Dorchester Rd	so279 Newcastle	2	
SE-7				
SE-7	Windemere Rd	so68 Gramercy	1	
SE-7	Windemere Rd	so26 Gramercy	4	
SE-7	Windemere Rd	35	2	
SE-7	Windemere Rd	105	2	
SE-7	Windemere Rd	195	2	
SE-7	Windemere Rd	so325 Newcastle	1	
SE-7	Windemere Rd	122	1	
SE-7	Windemere Rd	32	1	
SE-7				
SE-7	Corwin Rd	152	1	
SE-7	Corwin Rd	40	1	
SE-7	Corwin Rd	so566 Winton	2	
SE-7	Corwin Rd	op28	1	
SE-7	Corwin Rd	so80 Ramsey Pk	1	
SE-7	Corwin Rd	75	2	
SE-7	Corwin Rd	225	2	
SE-7	Corwin Rd	so349 Newcastle	1	
SE-7	Corwin Rd	323	5	
SE-7	Corwin Rd	op331	1	
SE-7	Corwin Rd	230	3	3
SE-7	Corwin Rd	200	1	
SE-7	Corwin Rd	164	2	3

Section	Street Name	Address	5" count	7" count
SE-7				
SE-7	Gramercy Pk	45	4	
SE-7	Gramercy Pk	33	2	2
SE-7	Gramercy Pk	15	1	
SE-7	Gramercy Pk	so90 Dorchester	3	

Section	Street Name	Address	5" count	7" count
SE-8	Culver Rd	609 driveway		1
SE-8	Culver Rd	100' south of Humboldt, w	1	
SE-8	Culver Rd	so1194 University	1	
SE-8	Culver Rd	40' south of Humboldt, eas	3	
SE-8				
SE-8	Atlantic Av	op Ohio		1
SE-8	Atlantic Av	875	1	
SE-8	Atlantic Av	so575 Browncroft		3
SE-8	Atlantic Av	1078	2	
SE-8				
SE-8	Humboldt	50' east of Culver Rd, south	2	
SE-8	Humboldt	op84	5	
SE-8	Humboldt	175	1	
SE-8	Humboldt	201	1	
SE-8	Humboldt	op228	2	
SE-8	Humboldt	op284	1	
SE-8	Humboldt	op312	2	
SE-8	Humboldt	op376	2	
SE-8	Humboldt	411	2	
SE-8	Humboldt	so218 Middlesex Rd	2	
SE-8	Humboldt	op552	1	
SE-8	Humboldt	op564	1	
SE-8	Humboldt	605	1	
SE-8	Humboldt	564	1	
SE-8	Humboldt	so230 Marion	1	
SE-8	Humboldt	40 (First Choice door)	1	
SE-8	Humboldt	40 (Diversipak door)	1	
SE-8				
SE-8	Main St	1945	2	
SE-8	Main St	1965	1	
SE-8	Main St	1985	2	
SE-8	Main St	2017	1	
SE-8	Main St	2083	1	
SE-8	Main St	2089	1	
SE-8	Main St	2093	1	
SE-8	Main St	2261	2	
SE-8	Main St	2271	2	
SE-8	Main St	2329	4	
SE-8	Main St	so683 Winton Rd	2	
SE-8	Main St	op2329	1	
SE-8	Main St	2284	2	
SE-8	Main St	2268	1	
SE-8	Main St	2230	1	
SE-8	Main St	so155 Woodstock St	2	
SE-8	Main St	2184	1	

Section	Street Name	Address	5" count	7" count
SE-8	Main St	2180	2	
SE-8	Main St	2142		2
SE-8	Main St	so175 Akron St	1	
SE-8	Main St	2012	2	
SE-8	Main St	1972	2	
SE-8	Main St	1960	2	
SE-8	Kansas St	54	1	
SE-8	Kansas St	58	3	
SE-8	Kansas St	64	1	
SE-8	Kansas St	90	1	3
SE-8	Kansas St	122	1	
SE-8	Kansas St	146	3	
SE-8	Kansas St	135	1	
SE-8	Kansas St	131		2
SE-8	Kansas St	127	2	3
SE-8	Kansas St	107	9	1
SE-8	Kansas St	101	1	
SE-8	Kansas St	97	2	
SE-8	Kansas St	81	2	
SE-8	Kansas St	75	1	3
SE-8	Kansas St	59	3	
SE-8	Kansas St	53	3	
SE-8	Kansas St	47	3	
SE-8	Kansas St	41	3	
SE-8	Kansas St	31		3
SE-8	Kansas St	25	2	
SE-8	Kansas St	so994 Atlantic	5	2
SE-8	Heinrich St	36 1/2	6	
SE-8	Woodstock Rd	30	10	2
SE-8	Woodstock Rd	36	8	
SE-8	Woodstock Rd	46	2	
SE-8	Woodstock Rd	62	6	
SE-8	Woodstock Rd	80	4	
SE-8	Woodstock Rd	90	5	
SE-8	Woodstock Rd	112	2	
SE-8	Woodstock Rd	118	4	2
SE-8	Woodstock Rd	so2211 Main St	6	
SE-8	Woodstock Rd	so2199 Main St	12	
SE-8	Woodstock Rd	123	2	
SE-8	Woodstock Rd	99	1	1
SE-8	Woodstock Rd	65		3
SE-8	Woodstock Rd	61	8	2

Section	Street Name	Address	5" count	7" count
SE-8	Woodstock Rd	43	3	3
SE-8	Woodstock Rd	33	3	2
SE-8	Woodstock Rd	so1446 Atlantic	9	
SE-8	Mayfield St	so46 Woodstock	5	
SE-8	Mayfield St	25	1	
SE-8	Mayfield St	35	1	
SE-8	Mayfield St	75	4	
SE-8	Mayfield St	83	1	
SE-8	Mayfield St	89/95	11	5
SE-8	Mayfield St	adjacent to 94 Mayfield (tc	5	
SE-8	Mayfield St	90/84	13	3
SE-8	Mayfield St	76	1	
SE-8	Mayfield St	70	1	
SE-8	Mayfield St	56	1	
SE-8	Mayfield St	50	2	
SE-8	Mayfield St	44	4	
SE-8	Mayfield St	36	2	
SE-8	Mayfield St	30	7	
SE-8	Mayfield St	24	2	
SE-8	Coventry Av	so182 Humboldt	4	
SE-8	Coventry Av	20	1	
SE-8	Coventry Av	36	2	
SE-8	Coventry Av	42	2	
SE-8	Coventry Av	60	8	
SE-8	Coventry Av	80	4	
SE-8	Coventry Av	86	5	
SE-8	Coventry Av	106	3	
SE-8	Coventry Av	109	2	5
SE-8	Coventry Av	89	2	
SE-8	Coventry Av	85	2	
SE-8	Coventry Av	77	1	
SE-8	Coventry Av	67	1	
SE-8	Coventry Av	55	1	
SE-8	Coventry Av	45	6	
SE-8	Coventry Av	19	2	
SE-8	Allandale Av	71	1	
SE-8	Allandale Av	61	2	2
SE-8	Allandale Av	51	1	
SE-8	Allandale Av	35/29	8	6
SE-8	Allandale Av	op26	1	
SE-8	Allandale Av	op12	6	
SE-8	Allandale Av	22	2	

Section	Street Name	Address	5" count	7" count
SE-8	Allandale Av	36	1	2
SE-8	Allandale Av	38	1	
SE-8	Allandale Av	52		1
SE-8	Allandale Av	56	3	
SE-8	Allandale Av	62	1	
SE-8	Allandale Av	84	1	
SE-8	Allandale Av	100	4	2
SE-8	Allandale Av	110	5	1
SE-8	Allandale Av	116	1	1
SE-8	Allandale Av	120	1	
SE-8	Allandale Av	132	15	3
SE-8	Allandale Av	99	8	2
SE-8	Allandale Av	77	1	
SE-8	VanBergh Av	so250 Humboldt	17	4
SE-8	VanBergh Av	so264 Humboldt	13	3
SE-8	VanBergh Av	24		2
SE-8	VanBergh Av	38	2	1
SE-8	VanBergh Av	44	5	3
SE-8	VanBergh Av	50	1	
SE-8	VanBergh Av	58	2	
SE-8	VanBergh Av	66	1	
SE-8	VanBergh Av	82	1	
SE-8	VanBergh Av	88	1	
SE-8	VanBergh Av	94	4	2
SE-8	VanBergh Av	104	5	
SE-8	VanBergh Av	108	7	3
SE-8	VanBergh Av	122	2	
SE-8	VanBergh Av	126	1	
SE-8	VanBergh Av	137	3	3
SE-8	VanBergh Av	121	3	1
SE-8	VanBergh Av	109	6	
SE-8	VanBergh Av	99	4	
SE-8	VanBergh Av	93	1	
SE-8	VanBergh Av	87	1	
SE-8	VanBergh Av	71	4	
SE-8	VanBergh Av	55		1
SE-8	De Mallie St	109	6	
SE-8	De Mallie St	93	1	
SE-8	De Mallie St	85	12	
SE-8	De Mallie St	79	1	
SE-8	De Mallie St	63	1	
SE-8	De Mallie St	55	2	
SE-8	De Mallie St	47	1	

Section	Street Name	Address	5" count	7" count
SE-8	De Mallie St	33	3	
SE-8	De Mallie St	25		1
SE-8	De Mallie St	10	1	
SE-8	De Mallie St	26	1	
SE-8	De Mallie St	36	6	
SE-8	De Mallie St	48	2	
SE-8	De Mallie St	op109	4	
SE-8	De Mallie St	so933 Atlantic Av (Daycare	1	
SE-8	De Mallie St	so889 Atlantic	1	1
SE-8	De Mallie St	119	6	4
SE-8	Brookfield Rd	so965 Atlantic Av	2	
SE-8	Brookfield Rd	119	2	
SE-8	Brookfield Rd	115	1	
SE-8	Brookfield Rd	101	2	
SE-8	Brookfield Rd	95	8	
SE-8	Brookfield Rd	85	2	
SE-8	Brookfield Rd	79	1	
SE-8	Brookfield Rd	73	1	
SE-8	Brookfield Rd	49	1	
SE-8	Brookfield Rd	43	8	
SE-8	Brookfield Rd	37	4	2
SE-8	Brookfield Rd	25	1	2
SE-8	Brookfield Rd	19	6	1
SE-8	Brookfield Rd	so356 Humboldt	1	
SE-8	Brookfield Rd	so376 Humboldt	4	
SE-8	Brookfield Rd	32	1	
SE-8	Brookfield Rd	38	2	
SE-8	Brookfield Rd	50	4	
SE-8	Brookfield Rd	62	10	3
SE-8	Brookfield Rd	80	2	
SE-8	Brookfield Rd	98	2	
SE-8	Brookfield Rd	so977 Atlantic	8	
SE-8	Amsterdam Rd	so995 Atlantic Av	6	
SE-8	Amsterdam Rd	125	3	
SE-8	Amsterdam Rd	119	2	
SE-8	Amsterdam Rd	107	3	
SE-8	Amsterdam Rd	95	1	
SE-8	Amsterdam Rd	85	1	
SE-8	Amsterdam Rd	73	1	
SE-8	Amsterdam Rd	61	3	
SE-8	Amsterdam Rd	31	2	
SE-8	Amsterdam Rd	25	9	
SE-8	Amsterdam Rd	11	7	

Section	Street Name	Address	5" count	7" count
SE-8	Amsterdam Rd	50	1	
SE-8	Amsterdam Rd	62	16	2
SE-8	Amsterdam Rd	74	3	
SE-8	Amsterdam Rd	80	7	
SE-8	Amsterdam Rd	86	3	
SE-8	Amsterdam Rd	98	6	
SE-8	Amsterdam Rd	104	1	
SE-8	Amsterdam Rd	120	1	2
SE-8	Amsterdam Rd	126	3	
SE-8	Marion St	205	8	
SE-8	Marion St	185	4	
SE-8	Marion St	175	3	
SE-8	Marion St	169	1	
SE-8	Marion St	159	1	
SE-8	Marion St	147	2	
SE-8	Marion St	137	2	
SE-8	Marion St	131	1	
SE-8	Marion St	121	3	
SE-8	Marion St	103	5	
SE-8	Marion St	93	1	
SE-8	Marion St	49	1	
SE-8	Marion St	52	3	
SE-8	Marion St	72	1	
SE-8	Marion St	96	1	
SE-8	Marion St	120	1	
SE-8	Marion St	126	1	
SE-8	Marion St	164	3	
SE-8	Marion St	186	5	
SE-8	Marion St	198	1	
SE-8	Marion St	208	7	
SE-8	Marion St	214	1	
SE-8	Marion St	252	6	
SE-8	Marion St	262	1	1
SE-8	Marion St	268	9	2
SE-8	Marion St	288	6	
SE-8	Marion St	292	1	
SE-8	Marion St	298	4	1
SE-8	Marion St	302	2	
SE-8	Marion St	322	2	
SE-8	Marion St	328	3	
SE-8	Marion St	344	1	1
SE-8	Marion St	350	1	1
SE-8	Marion St	364	1	
SE-8	Marion St	so1081 Atlantic Av	2	

Section	Street Name	Address	5" count	7" count
SE-8	Marion St	355	7	2
SE-8	Marion St	349	5	
SE-8	Marion St	303	1	
SE-8	Marion St	293	2	
SE-8	Marion St	277	3	
SE-8	Marion St	269	3	
SE-8	Marion St	257		3
SE-8	Marion St	253		3
SE-8	Marion St	247	6	3
SE-8	Marion St	229	5	
SE-8	Marion St	205	1	
SE-8	Drexmore Rd	155	1	
SE-8	Drexmore Rd	147	2	
SE-8	Drexmore Rd	133	2	
SE-8	Drexmore Rd	103	2	
SE-8	Drexmore Rd	93	1	
SE-8	Drexmore Rd	77	1	
SE-8	Drexmore Rd	69	1	
SE-8	Drexmore Rd	35	1	
SE-8	Drexmore Rd	NWC Carling	1	
SE-8	Drexmore Rd	op43	2	
SE-8	Drexmore Rd	50	3	6
SE-8	Drexmore Rd	70	3	
SE-8	Drexmore Rd	170	1	
SE-8	Drexmore Rd	so1109 Atlantic	1	
SE-8	Delray Rd	71	3	
SE-8	Delray Rd	53	1	
SE-8	Delray Rd	49	6	
SE-8	Delray Rd	31		1
SE-8	Delray Rd	25	1	
SE-8	Delray Rd	38	2	
SE-8	Delray Rd	50	1	
SE-8	Delray Rd	60	1	
SE-8	Delray Rd	78	4	
SE-8	Delray Rd	84	2	
SE-8	Delray Rd	100	1	
SE-8	Carling Rd	385	2	2
SE-8	Carling Rd	335	5	
SE-8	Carling Rd	331	7	
SE-8	Carling Rd	315	7	
SE-8	Carling Rd	289	1	
SE-8	Carling Rd	285	1	

Section	Street Name	Address	5" count	7" count
SE-8	Carling Rd	269	1	
SE-8	Carling Rd	265	1	
SE-8	Carling Rd	249	3	
SE-8	Carling Rd	so588 Humboldt	3	
SE-8	Carling Rd	so589 Humboldt	3	
SE-8	Carling Rd	144	6	
SE-8	Carling Rd	154	2	2
SE-8	Carling Rd	so599 Humboldt	2	
SE-8	Carling Rd	so600 Humboldt	9	
SE-8	Carling Rd	200	1	
SE-8	Carling Rd	248	3	
SE-8	Carling Rd	288	2	
SE-8	Carling Rd	294	2	
SE-8	Carling Rd	300	2	
SE-8	Carling Rd	336		1
SE-8	Carling Rd	340	4	
SE-8	Carling Rd	354	1	
SE-8	Hampden Rd	97	1	
SE-8	Hampden Rd	59	2	
SE-8	Hampden Rd	43	1	
SE-8	Hampden Rd	33	1	
SE-8	Hampden Rd	so456 Blossom	3	
SE-8	Hampden Rd	20	1	
SE-8	Hampden Rd	44	1	
SE-8	Hampden Rd	60	1	
SE-8	Hampden Rd	72	1	
SE-8	Hampden Rd	110	2	
SE-8	Hampden Rd	114	2	
SE-8	Hampden Rd	190	1	
SE-8	Hampden Rd	200	1	
SE-8	Hampden Rd	210	1	
SE-8	Hampden Rd	215	6	
SE-8	Hampden Rd	189	3	
SE-8	Middlesex Rd	165	3	
SE-8	Middlesex Rd	159	1	
SE-8	Middlesex Rd	127	1	
SE-8	Middlesex Rd	123	5	
SE-8	Middlesex Rd	119	2	
SE-8	Middlesex Rd	105	1	1
SE-8	Middlesex Rd	103	2	3
SE-8	Middlesex Rd	101	5	
SE-8	Middlesex Rd	93	4	2
SE-8	Middlesex Rd	91	2	

Section	Street Name	Address	5" count	7" count
SE-8	Middlesex Rd	85	1	
SE-8	Middlesex Rd	61	1	
SE-8	Middlesex Rd	59	1	
SE-8	Middlesex Rd	53	1	
SE-8	Middlesex Rd	52	2	
SE-8	Middlesex Rd	68	2	
SE-8	Middlesex Rd	74	3	
SE-8	Middlesex Rd	76	4	
SE-8	Middlesex Rd	80	1	
SE-8	Middlesex Rd	90	4	
SE-8	Middlesex Rd	96	1	
SE-8	Middlesex Rd	102	5	
SE-8	Middlesex Rd	108	4	
SE-8	Middlesex Rd	118	6	
SE-8	Middlesex Rd	124	6	
SE-8	Middlesex Rd	154	3	
SE-8	Middlesex Rd	160	4	2
SE-8	Middlesex Rd	170	2	
SE-8	Middlesex Rd	176	2	2
SE-8	Middlesex Rd	180	1	
SE-8	Middlesex Rd	193	1	
SE-8	Floverton St	177	11	3
SE-8	Floverton St	123	1	
SE-8	Floverton St	117	3	
SE-8	Floverton St	111	3	
SE-8	Floverton St	79	4	
SE-8	Floverton St	67	1	
SE-8	Floverton St	57	2	
SE-8	Floverton St	so570 Blossom Rd	18	
SE-8	Floverton St	op so570 Blossom Rd	6	
SE-8	Floverton St	op63	3	
SE-8	Floverton St	90	2	
SE-8	Floverton St	op161		8
SE-8	Floverton St	op171	3	
SE-8	Floverton St	op177	1	
SE-8	Floverton St	so525 Humboldt Rd	5	

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Section	Street Name	Address	5" count	7" count
SE-9	Harvard St	745	2	
SE-9	Harvard St	777	1	
SE-9	Harvard St	809	1	
SE-9	Harvard St	821	2	
SE-9	Harvard St	825	3	
SE-9	Harvard St	843	2	
SE-9	Harvard St	865	1	
SE-9	Harvard St	871	3	
SE-9	Harvard St	901	2	
SE-9	Harvard St	929	1	
SE-9	Harvard St	945	2	
SE-9	Harvard St	961	1	
SE-9	Harvard St	979	1	
SE-9	Harvard St	985	3	
SE-9	Harvard St	987	2	
SE-9	Harvard St	1029	3	1
SE-9	Harvard St	1059	4	
SE-9	Harvard St	1063	1	
SE-9	Harvard St	1080	3	
SE-9	Harvard St	1050	1	
SE-9	Harvard St	1006	1	
SE-9	Harvard St	982	12	
SE-9	Harvard St	968	1	
SE-9	Harvard St	946	6	
SE-9	Harvard St	so54 Ericsson St	1	2
SE-9	Harvard St	896	4	
SE-9	Harvard St	870	1	
SE-9	Harvard St	862	1	
SE-9	Harvard St	840	2	
SE-9	Harvard St	so77 Calumet St	2	
SE-9	Harvard St	op799	2	
SE-9	Harvard St	760	3	
SE-9	Harvard St	758	3	
SE-9	Harvard St	op751	3	
SE-9	Harvard St	701	2	
SE-9	Harvard St	721	3	
SE-9	Harvard St	735	1	
SE-9	Culver Rd	188	2	
SE-9	Culver Rd	190	4	
SE-9	Culver Rd	192	1	2
SE-9	Culver Rd	194	7	
SE-9	Culver Rd	196	3	
SE-9	Culver Rd	200	8	
SE-9	Culver Rd	208	5	

Section	Street Name	Address	5" count	7" count
SE-9	Culver Rd	210		2
SE-9	Culver Rd	214	2	
SE-9	Culver Rd	216	1	1
SE-9	Culver Rd	222	13	
SE-9	Culver Rd	240	3	
SE-9	Culver Rd	242	2	
SE-9	Culver Rd	246	2	
SE-9	Culver Rd	250	5	
SE-9	Culver Rd	254	16	
SE-9	Culver Rd	258	8	
SE-9	Culver Rd	262	2	
SE-9	Culver Rd	270	6	
SE-9	Culver Rd	280	1	
SE-9	Culver Rd	op329	2	
SE-9	Culver Rd	345	1	
SE-9	Culver Rd	337	2	
SE-9	Culver Rd	so1210 East Av	3	
SE-9	Culver Rd	so1209 East Av	10	
SE-9	Culver Rd	261	4	
SE-9	Culver Rd	259	1	
SE-9	Culver Rd	251	7	5
SE-9	Culver Rd	249	1	
SE-9	Culver Rd	247	3	
SE-9	Culver Rd	225	2	
SE-9	Culver Rd	219	2	
SE-9	Culver Rd	213	2	
SE-9	Culver Rd	205	1	
SE-9	Culver Rd	183	1	
SE-9	Culver Rd	177	4	
SE-9	Culver Rd	op183	3	
SE-9				
SE-9	Audubon St	42	6	
SE-9	Audubon St	36	1	
SE-9	Audubon St	28	8	3
SE-9	Audubon St	8	1	
SE-9	Audubon St	1	1	
SE-9	Audubon St	5	1	
SE-9	Audubon St	7	1	
SE-9	Audubon St	9	1	
SE-9	Audubon St	11	3	
SE-9	Audubon St	13	2	
SE-9	Audubon St	17	2	
SE-9	Audubon St	19	1	
SE-9	Audubon St	21	5	
SE-9	Audubon St	23		1

Section	Street Name	Address	5" count	7" count
SE-9	Audubon St	25	5	
SE-9	Audubon St	41	6	
SE-9	Audubon St	51	3	
SE-9	Audubon St	53	4	
SE-9	Beverly St	74	3	
SE-9	Beverly St	70	1	
SE-9	Beverly St	64	1	
SE-9	Beverly St	56	1	
SE-9	Beverly St	44	3	
SE-9	Beverly St	40		2
SE-9	Beverly St	22	2	
SE-9	Beverly St	35	1	2
SE-9	Beverly St	43	8	
SE-9	Beverly St	47	2	
SE-9	Beverly St	61	2	
SE-9	Calumet St	50		2
SE-9	Calumet St	38	6	
SE-9	Calumet St	32	1	
SE-9	Calumet St	24	3	
SE-9	Calumet St	20		1
SE-9	Calumet St	18	1	
SE-9	Calumet St	12	1	
SE-9	Calumet St	6	3	
SE-9	Calumet St	so951 East Av	1	
SE-9	Calumet St	25	2	
SE-9	Calumet St	39		1
SE-9	Calumet St	43	2	1
SE-9	Calumet St	59	1	
SE-9	Calumet St	63	7	
SE-9	Darwin St	54	4	
SE-9	Darwin St	48	1	
SE-9	Darwin St	42	4	
SE-9	Darwin St	34	1	
SE-9	Darwin St	24	5	
SE-9	Darwin St	15	2	2
SE-9	Darwin St	25	1	
SE-9	Darwin St	35	2	
SE-9	Darwin St	37	2	
SE-9	Darwin St	41	3	
SE-9	Darwin St	49	2	
SE-9	Darwin St	55	1	

Section	Street Name	Address	5" count	7" count
SE-9	Ericsson St	52	4	
SE-9	Ericsson St	22	3	2
SE-9	Ericsson St	op16		2
SE-9	Ericsson St	17	6	2
SE-9	Ericsson St	21	2	
SE-9	Ericsson St	37	1	
SE-9	Ericsson St	51	3	
SE-9	Faraday St	38	2	
SE-9	Faraday St	28	1	
SE-9	Faraday St	24	4	
SE-9	Faraday St	12	1	
SE-9	Faraday St	so1057 Park Av	1	
SE-9	Faraday St	23	1	
SE-9	Faraday St	27	5	
SE-9	Faraday St	37	2	
SE-9	Faraday St	47	1	
SE-9	Girard St	42	1	2
SE-9	Girard St	34	1	
SE-9	Girard St	8	3	
SE-9	Girard St	21	1	
SE-9	Girard St	29	1	
SE-9	Girard St	35	1	
SE-9	Homer St	so1139 Park Av		3
SE-9	Homer St	so1026 Harvard St	1	
SE-9	Colby St	108	1	
SE-9	Colby St	80	2	
SE-9	Colby St	60	19	
SE-9	Colby St	36	4	
SE-9	Colby St	30	2	
SE-9	Colby St	op82	1	
SE-9	Park Av	1279	3	
SE-9	Park Av	1283	5	
SE-9	Park Av	1317	1	
SE-9	Park Av	1337	2	
SE-9	Park Av	1341	5	
SE-9	Park Av	so1657 East Av	1	
SE-9	Park Av	so1641 East Av	5	
SE-9	Park Av	1330	3	
SE-9	Park Av	1320	3	
SE-9	Park Av	1314	1	

Section	Street Name	Address	5" count	7" count
SE-9	Park Av	1308	1	
SE-9	Park Av	893	1	
SE-9	Park Av	975	1	
SE-9	Park Av	1009	1	
SE-9	Park Av	1039	3	
SE-9	Park Av	1055	1	
SE-9	Park Av	1079	1	
SE-9	Park Av	1137	1	
SE-9	Park Av	1211	3	
SE-9	Douglas Rd	35	3	
SE-9	Douglas Rd	61	3	
SE-9	Douglas Rd	75	3	
SE-9	Douglas Rd	125	2	
SE-9	Douglas Rd	134	6	
SE-9	Douglas Rd	120	2	
SE-9	Douglas Rd	90	1	
SE-9	Douglas Rd	80	2	
SE-9	Douglas Rd	40	9	
SE-9	Douglas Rd	30	1	
SE-9	Douglas Rd	20	4	
SE-9	Douglas Rd	1	3	
SE-9	East Blvd	44	1	
SE-9	East Blvd	60	11	3
SE-9	East Blvd	70	11	2
SE-9	East Blvd	76	1	
SE-9	East Blvd	78	1	
SE-9	East Blvd	85	6	
SE-9	East Blvd	79	3	3
SE-9	East Blvd	75	2	
SE-9	East Blvd	69	10	
SE-9	East Blvd	so131 East Av	7	
SE-9	East Blvd	op44	6	
SE-9	East Blvd	35	12	
SE-9	East Blvd	5	3	
SE-9	East Blvd	12	3	
SE-9	East Blvd	26	3	
SE-9	East Blvd	36	8	
SE-9	Hawthorne St	so1369 East Av	10	
SE-9	Hawthorne St	83	4	
SE-9	Hawthorne St	73	1	
SE-9	Hawthorne St	op50	10	
SE-9	Hawthorne St	op40	6	

Section	Street Name	Address	5" count	7" count
SE-9	Hawthorne St	op10	5	
SE-9	Hawthorne St	24	7	
SE-9	Hawthorne St	40	4	
SE-9	Hawthorne St	50	1	
SE-9	Hawthorne St	60	7	
SE-9	Hawthorne St	op73	2	
SE-9	Hawthorne St	op83	4	
SE-9	Hawthorne St	so1391 East Av	22	
SE-9	East Av	1391	3	
SE-9	East Av	1475	1	
SE-9	East Av	1501	2	
SE-9	East Av	1545	2	
SE-9	East Av	1571	1	
SE-9	East Av	1625	1	
SE-9	East Av	1657	6	
SE-9	East Av	1693		2
SE-9	East Av	1700	1	
SE-9	East Av	1640	1	
SE-9	East Av	1600	3	
SE-9	East Av	1570	2	
SE-9	East Av	1530	3	
SE-9	East Av	op1475	3	
SE-9	East Av	1412	1	
SE-9	East Av	1400	8	
SE-9	East Av	1370	2	
SE-9	East Av	100' E of East Blvd, north	1	
SE-9	East Av	50' E of East Blvd, north	1	
SE-9	East Av	1286	1	
SE-9	East Av	1250	6	
SE-9	East Av	op1286	2	
SE-9	Probert St	so1708 East Av	2	
SE-9	Farrington Pl	so1666 East Av	4	2
SE-9	Farrington Pl	15	4	
SE-9	Farrington Pl	21	1	
SE-9	University Av	200' W of Winton, north	1	
SE-9	University Av	op1357	2	
SE-9	University Av	op1255	1	
SE-9	Blossom Rd	200' E of University, south	1	
SE-9	Blossom Rd	op542	1	
SE-9	Blossom Rd	595	2	

Section	Street Name	Address	5" count	7" count
SE-9	Blossom Rd	570	1	
SE-9	Blossom Rd	542	1	
SE-9	Blossom Rd	100' W of railroad bridge, r	3	

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Section	Street Name	Address	5" count	7" count
SE-10	Highland Av	1585	1	
SE-10	Highland Av	1599	3	
SE-10	Highland Av	1895	1	
SE-10	Highland Av	1969	1	
SE-10	Highland Av	50' west of Winton, south	1	
SE-10	Highland Av	20' west of Winton, south	1	
SE-10	Highland Av	2390	1	
SE-10	Highland Av	2240	1	
SE-10	Highland Av	op1969	2	
SE-10	Highland Av	1608	1	
SE-10	Mayflower Dr	op1825	3	
SE-10	Oakdale Dr	op1969	2	
SE-10	Templeton Rd	so2065 Highland Av	3	
SE-10	Kimberly Dr	so2365 Highland Av	1	
SE-10	Chadbourne Rd	25	9	
SE-10	Chadbourne Rd	15	3	
SE-10	Gould St	229	1	
SE-10	Gould St	235	2	
SE-10	Gould St	243	3	
SE-10	Gould St	249	3	
SE-10	Gould St	so2370 Highland Av	6	
SE-10	Gould St	300' north of Highland Av,	2	
SE-10	Gould St	100' south of dead end, ea:	1	
SE-10	Highland Dr	150' north of overflow pkg	1	
SE-10				
SE-10	Rosegrey Ter	so109 Nunda Blvd	1	
SE-10				
SE-10	Hillside Av	448	1	
SE-10	Hillside Av	342	5	
SE-10	Hillside Av	347	1	
SE-10	Hillside Av	SEC Cathaway Pk	4	
SE-10	Hillside Av	389	1	
SE-10	Hillside Av	435	2	
SE-10	Hillside Av	445	2	
SE-10	Hillside Av	457	4	
SE-10	Hillside Av	467	1	
SE-10	Hillside Av	481	1	
SE-10	Hillside Av	497	4	

Section	Street Name	Address	5" count	7" count
SE-10	Hillside Av	so33 Morven Rd	2	
SE-10	Hillside Av	565	1	
SE-10	Hillside Av	so345 Nunda Blvd	8	
SE-10	Hillside Av	so330 Ccastlebar Rd	1	
SE-10	Hillside Av	op640	1	
SE-10	Hillside Av	NW San Gabriel	2	
SE-10	Hillside Av	so2220 Highland Av	6	
SE-10	Hillside Av	660	4	
SE-10	Hillside Av	608	7	
SE-10	Hillside Av	600	2	
SE-10	Hillside Av	578	1	
SE-10	Hillside Av	574	3	
SE-10	San Gabriel Dr	354	1	
SE-10	San Gabriel Dr	334	1	
SE-10	San Gabriel Dr	316	1	
SE-10	San Gabriel Dr	300	1	
SE-10	San Gabriel Dr	286	11	
SE-10	San Gabriel Dr	278	1	
SE-10	San Gabriel Dr	240	1	
SE-10	San Gabriel Dr	198	6	
SE-10	San Gabriel Dr	215	1	
SE-10	San Gabriel Dr	233	4	
SE-10	San Gabriel Dr	239	3	3
SE-10	San Gabriel Dr	251	2	
SE-10	San Gabriel Dr	255	1	
SE-10	San Gabriel Dr	271	2	
SE-10	Castlebar Rd	330	5	
SE-10	Castlebar Rd	318	5	
SE-10	Castlebar Rd	302	4	
SE-10	Castlebar Rd	292	1	
SE-10	Castlebar Rd	268	2	
SE-10	Castlebar Rd	246	3	
SE-10	Castlebar Rd	184	4	
SE-10	Castlebar Rd	so330 Winton Rd	2	3
SE-10	Castlebar Rd	201	4	
SE-10	Castlebar Rd	241	6	
SE-10	Castlebar Rd	249	3	
SE-10	Castlebar Rd	257	3	
SE-10	Castlebar Rd	289	1	
SE-10	Castlebar Rd	297	1	
SE-10	Castlebar Rd	311		1
SE-10	Nunda Blvd	336	11	

Section	Street Name	Address	5" count	7" count
SE-10	Nunda Blvd	300	6	
SE-10	Nunda Blvd	232	5	
SE-10	Nunda Blvd	222	2	2
SE-10	Nunda Blvd	so296 Winton Rd	1	
SE-10	Nunda Blvd	so300 Winton Rd	3	
SE-10	Nunda Blvd	219	7	
SE-10	Nunda Blvd	235	5	
SE-10	Nunda Blvd	251	4	
SE-10	Nunda Blvd	261	6	
SE-10	Nunda Blvd	269	3	
SE-10	Nunda Blvd	275	7	
SE-10	Nunda Blvd	287	5	1
SE-10	Nunda Blvd	301	2	
SE-10	Nunda Blvd	309	2	
SE-10	Nunda Blvd	325	1	
SE-10	Nunda Blvd	335	1	
SE-10				
SE-10	Morven Rd	5	6	
SE-10	Morven Rd	1	1	
SE-10	Morven Rd	25	7	2
SE-10	Morven Rd	33	9	
SE-10	Morven Rd	36	2	
SE-10	Morven Rd	so100 Cathaway	10	
SE-10				
SE-10	Cathaway Pk	100	4	
SE-10	Cathaway Pk	80	3	
SE-10	Cathaway Pk	60	2	1
SE-10	Cathaway Pk	42	3	
SE-10	Cathaway Pk	op35	1	
SE-10	Cathaway Pk	1	2	
SE-10	Cathaway Pk	47	1	
SE-10	Cathaway Pk	63	1	
SE-10	Cathaway Pk	83	8	
SE-10	Cathaway Pk	93	3	
SE-10	Cathaway Pk	99	6	
SE-10				
SE-10	Aberthaw Rd	so347 Hillside Av	3	
SE-10	Aberthaw Rd	53	5	
SE-10	Aberthaw Rd	70	1	
SE-10	Aberthaw Rd	56	1	
SE-10	Aberthaw Rd	32	1	
SE-10	Aberthaw Rd	so1 Cathaway Pk	1	
SE-10				
SE-10	Hillside Av	248	1	
SE-10	Hillside Av	104	1	

Section	Street Name	Address	5" count	7" count
SE-10	Hillside Av	100' west of pedestrian bri	2	
SE-10	Hillside Av	50' west of pedestrian brid	5	
SE-10	Hillside Av	171	1	
SE-10	Hartsen St	so290 Hillside Av	3	
SE-10	Hartsen St	56	1	
SE-10	Hartsen St	48	1	
SE-10	Hartsen St	42	2	2
SE-10	Hartsen St	36	2	
SE-10	Hartsen St	34	1	
SE-10	Hartsen St	so29 Norris Dr	3	
SE-10	Hartsen St	35	4	
SE-10	Hartsen St	39	6	
SE-10	Hartsen St	45	5	
SE-10	Hartsen St	53	11	3
SE-10	Hartsen St	59	2	
SE-10	Hartsen St	so276 Hillside Av	6	
SE-10	Nursery St	so248 Hillside Av	4	
SE-10	Nursery St	10	1	
SE-10	Nursery St	so107 Norris Dr	3	
SE-10	Nursery St	op8	1	
SE-10	Nursery St	47	1	1
SE-10	Nursery St	so234 Hillside Av	4	
SE-10	Cobbs Hill Dr	so145 Norris Dr	1	
SE-10	Cobbs Hill Dr	27	2	
SE-10	Cobbs Hill Dr	so192 Hillside Dr	1	
SE-10	Cobbs Hill Dr	36	2	
SE-10	Cobbs Hill Dr	so107 Norris Dr	4	
SE-10	Norris Dr	107	4	3
SE-10	Norris Dr	179		2

Section	Street Name	Address	5" count	7" count
SE-11	Lilac Dr	so545 Highland Av	2	
SE-11	Lilac Dr	so555 Highland Av	5	
SE-11	Highland Pkwy	45	1	
SE-11	Highland Pkwy	77	3	
SE-11	Highland Pkwy	185	1	
SE-11	Highland Pkwy	191	1	
SE-11	Highland Pkwy	op260	2	
SE-11	Highland Pkwy	206	4	
SE-11	Highland Pkwy	180	1	
SE-11	Highland Pkwy	132	1	
SE-11	Greenview Dr	70	1	
SE-11	Greenview Dr	62	1	
SE-11	Greenview Dr	50	1	
SE-11	Rockingham St	369	3	
SE-11	Rockingham St	389	2	
SE-11	Rockingham St	395	6	2
SE-11	Rockingham St	417	3	
SE-11	Rockingham St	479		1
SE-11	Rockingham St	485	4	
SE-11	Rockingham St	508	1	
SE-11	Rockingham St	406	3	
SE-11	Rockingham St	360	1	
SE-11	Rockingham St	354	1	
SE-11	Rockingham St	346	1	
SE-11	Mulberry St	310	1	
SE-11	Mulberry St	so341	2	
SE-11				
SE-11	Howard St	so31 Bly St	1	
SE-11	Howard St	so661 Linden St	1	
SE-11	Howard St	so237 Benton St	1	
SE-11	Bly St	56	1	
SE-11	Bly St	45	1	
SE-11	Bly St	43	6	
SE-11	Bly St	27	1	
SE-11	Bly St	23	3	
SE-11	Bly St	19	2	
SE-11	Bly St	7	1	
SE-11	Bly St	5	1	
SE-11	Bly St	1	2	
SE-11	Bly St	6	2	

Section	Street Name	Address	5" count	7" count
SE-11	Linden St	683	3	
SE-11	Linden St	so1067 Clinton Av	2	
SE-11	Linden St	720	1	
SE-11	Linden St	716	1	
SE-11	Benton St	241	3	
SE-11	Benton St	292	4	
SE-11	Benton St	274	1	
SE-11	Caroline St	441	3	
SE-11	Caroline St	op409	1	
SE-11	Caroline St	515	3	
SE-11	Caroline St	527	1	
SE-11	Uniman Pl	8	8	1
SE-11	Eisenberg Pl	op2	2	
SE-11	Allmeroth St	23	1	
SE-11	Rodenbeck Pl	6	2	
SE-11	Rodenbeck Pl	8		1
SE-11	Rodenbeck Pl	10	2	
SE-11	Rodenbeck Pl	14	1	
SE-11	Rodenbeck Pl	18	4	
SE-11	Rodenbeck Pl	17	4	
SE-11	Rodenbeck Pl	13		1
SE-11	Rodenbeck Pl	9	2	
SE-11	Rodenbeck Pl	7	3	
SE-11	Nelson St	47	1	
SE-11	Nelson St	33	3	
SE-11	Nelson St	7	1	
SE-11	Nelson St	10	1	
SE-11	Nelson St	28		2
SE-11	Nelson St	58	1	
SE-11	Nelson St	65	1	
SE-11	Nelson St	55	3	
SE-11	Nelson St	51	7	2
SE-11	Pembroke St	27	1	
SE-11	Pembroke St	51	2	

Section	Street Name	Address	5" count	7" count
SE-11	Pembroke St	71	2	
SE-11	Lansdale St	37	1	
SE-11	Lansdale St	71	1	
SE-11	Lansdale St	73	2	
SE-11	Lansdale St	97	4	
SE-11	Lansdale St	115	1	
SE-11	Lansdale St	62	2	
SE-11	Lansdale St	52	3	
SE-11	Lansdale St	46	1	
SE-11	Lansdale St	42	2	
SE-11	Lansdale St	32	6	
SE-11	Benton St	441	1	
SE-11	Benton St	451	3	
SE-11	Benton St	457	1	
SE-11	Benton St	541	1	
SE-11	Benton St	494	2	
SE-11	Benton St	484	1	
SE-11	Benton St	466	1	
SE-11	Benton St	446	6	
SE-11	Benton St	452	1	
SE-11	Benton St	420	1	
SE-11	Benton St	so8 Pappert Pl	1	
SE-11	Benton St	376	2	
SE-11	Benton St	364		1
SE-11	Benton St	358		3
SE-11	Benton St	338	1	
SE-11	Benton St	391	1	
SE-11	Benton St	op416	1	
SE-11	Benton St	op420	1	
SE-11	Benton St	431	2	
SE-11	Beaufort St	so111 Henrietta St	6	
SE-11	Beaufort St	95	3	2
SE-11	Beaufort St	69	1	2
SE-11	Beaufort St	61	9	4
SE-11	Beaufort St	43	5	
SE-11	Beaufort St	39	4	
SE-11	Beaufort St	op26	8	
SE-11	Beaufort St	13	1	
SE-11	Beaufort St	op11		1

Section	Street Name	Address	5" count	7" count
SE-11	Beaufort St	18	1	
SE-11	Beaufort St	22		2
SE-11	Beaufort St	70		1
SE-11	Beaufort St	so431 Benton St	8	
SE-11	Wilmington St	35	1	
SE-11	Wilmington St	37	1	
SE-11	Wilmington St	87	1	
SE-11	Wilmington St	107	1	
SE-11	Wilmington St	109		1
SE-11	Wilmington St	116	3	
SE-11	Wilmington St	108	2	
SE-11	Wilmington St	102	4	
SE-11	Wilmington St	66	1	
SE-11	Wilmington St	50	1	
SE-11	Wilmington St	44	1	
SE-11	Wilmington St	38	1	
SE-11	Wilmington St	12	2	
SE-11	Wilmington St	so90 Beaufort St	2	
SE-11	Asbury St	57	2	
SE-11	Asbury St	77	1	
SE-11	Asbury St	139	2	
SE-11	Asbury St	180	2	
SE-11	Asbury St	168	2	
SE-11	Asbury St	152	1	
SE-11	Asbury St	108	1	
SE-11	Asbury St	48	1	
SE-11	Asbury St	38	5	
SE-11	Asbury St	4	1	
SE-11	Asbury St	so1086 Clinton Av	2	
SE-11	Fountain St	40	7	
SE-11	Fountain St	30	7	3
SE-11	Fountain St	20	1	
SE-11	Fountain St	so1136 Clinton Av	6	
SE-11	Fountain St	3	3	
SE-11	Fountain St	11	1	
SE-11	Fountain St	op54	1	
SE-11	Fountain St	54	1	
SE-11	Avon Pl	42		1
SE-11	Avon Pl	34		3
SE-11	Avon Pl	18		2

Section	Street Name	Address	5" count	7" count
SE-11	Avon Pl	so285 Field St	3	1
SE-11	Sycamore St	so305 Field St	4	3
SE-11	Sycamore St	70	1	
SE-11	Sycamore St	46	2	
SE-11	Sycamore St	40	3	
SE-11	Sycamore St	so313 Field St	1	
SE-11	Sycamore St	35	2	
SE-11	Sycamore St	13	3	
SE-11	Field St	237	4	
SE-11	Field St	247	1	
SE-11	Field St	263	4	
SE-11	Field St	269		2
SE-11	Field St	275	3	
SE-11	Field St	279	4	5
SE-11				
SE-11	Field St	301	2	
SE-11	Field St	359	1	
SE-11	Field St	342	4	
SE-11	Field St	334	5	
SE-11	Field St	290	1	
SE-11	Field St	286	1	1
SE-11	Field St	276	2	
SE-11	Field St	270	2	
SE-11	Field St	264	1	1
SE-11	Field St	244	4	2
SE-11	Field St	226	1	
SE-11	Field St	op175	3	
SE-11	Field St	op173	4	
SE-11	Field St	106		1
SE-11	Field St	88	2	4
SE-11	Field St	78	2	
SE-11	Field St	42	1	
SE-11	Field St	36		3
SE-11	Field St	op36	3	
SE-11	Field St	43	2	
SE-11	Field St	49	5	
SE-11	Field St	61	6	
SE-11	Field St	op74	1	
SE-11	Field St	78	1	
SE-11	Field St	125	1	
SE-11	Field St	173	3	
SE-11	Field St	217	1	

Section	Street Name	Address	5" count	7" count
SE-11	Field St	219		1
SE-11	Laburnum St	99	4	
SE-11	Laburnum St	103	2	
SE-11	Laburnum St	105	1	
SE-11	Laburnum St	129	7	
SE-11	Laburnum St	159	3	
SE-11	Laburnum St	171		2
SE-11	Laburnum St	op184	2	
SE-11	Laburnum St	op190	1	
SE-11	Laburnum St	279	1	
SE-11	Laburnum St	295	1	
SE-11	Laburnum St	307	5	2
SE-11	Laburnum St	313		2
SE-11	Laburnum St	331	2	
SE-11	Laburnum St	337	1	
SE-11	Laburnum St	336	4	
SE-11	Laburnum St	322	2	
SE-11	Laburnum St	306	6	
SE-11	Laburnum St	300	1	
SE-11	Laburnum St	288	1	
SE-11	Laburnum St	282	2	
SE-11	Laburnum St	260	1	
SE-11	Laburnum St	246	2	
SE-11	Laburnum St	242	3	2
SE-11	Laburnum St	234	2	
SE-11	Laburnum St	232	3	
SE-11	Laburnum St	222	1	
SE-11	Laburnum St	206	6	2
SE-11	Laburnum St	180	1	1
SE-11	Laburnum St	164	1	
SE-11	Laburnum St	160	2	
SE-11	Laburnum St	154	2	
SE-11	Laburnum St	152	4	4
SE-11	Laburnum St	142	1	2
SE-11	Laburnum St	140	1	
SE-11	Laburnum St	136	1	
SE-11	Laburnum St	132	2	
SE-11	Laburnum St	100	2	
SE-11	Laburnum St	op24	1	
SE-11	Crosman Ter	310	2	
SE-11	Crosman Ter	op267	1	
SE-11	Crosman Ter	250	1	
SE-11	Crosman Ter	174	4	

Section	Street Name	Address	5" count	7" count
SE-11	Crosman Ter	158	2	
SE-11	Crosman Ter	140	6	
SE-11	Crosman Ter	100	5	
SE-11	Crosman Ter	94		3
SE-11	Crosman Ter	86	2	
SE-11	Crosman Ter	80	3	
SE-11	Crosman Ter	46	4	
SE-11	Crosman Ter	10	1	
SE-11	Crosman Ter	5	7	
SE-11	Crosman Ter	27	2	
SE-11	Crosman Ter	35	3	1
SE-11	Crosman Ter	45		3
SE-11	Crosman Ter	63	12	
SE-11	Crosman Ter	69	4	
SE-11	Crosman Ter	81		2
SE-11	Crosman Ter	95	3	
SE-11	Crosman Ter	99	6	
SE-11	Crosman Ter	179	1	
SE-11	Crosman Ter	267	1	
SE-11	Crosman Ter	330	2	
SE-11	Shepard St	160	1	
SE-11	Shepard St	156	2	
SE-11	Shepard St	150	1	
SE-11	Shepard St	136	1	
SE-11	Shepard St	134	1	
SE-11	Shepard St	132	2	
SE-11	Shepard St	124	1	
SE-11	Shepard St	114	2	
SE-11	Shepard St	112	1	
SE-11	Shepard St	106	3	
SE-11	Shepard St	92	7	
SE-11	Shepard St	82	2	
SE-11	Shepard St	78	2	
SE-11	Shepard St	68	1	
SE-11	Shepard St	48	1	
SE-11	Shepard St	44	1	
SE-11	Shepard St	30	1	
SE-11	Shepard St	op18	1	
SE-11	Shepard St	21	1	
SE-11	Shepard St	41	1	
SE-11	Shepard St	57	4	
SE-11	Shepard St	67	3	
SE-11	Shepard St	83	2	

Section	Street Name	Address	5" count	7" count
SE-11	Shepard St	89	3	
SE-11	Shepard St	101	2	1
SE-11	Shepard St	107	1	
SE-11	Shepard St	121	1	
SE-11	Shepard St	125	5	
SE-11	Shepard St	135	3	2
SE-11	Shepard St	149	6	
SE-11	Shepard St	153	4	
SE-11	Shepard St	163	2	
SE-11	Shepard St	171	1	
SE-11	Shepard St	166	1	2
SE-11	Rosedale St	48	2	
SE-11	Rosedale St	60	1	
SE-11	Rosedale St	76	1	
SE-11	Rosedale St	146	1	
SE-11	Rosedale St	168	1	
SE-11	Rosedale St	174	1	
SE-11	Rosedale St	op so1011 Monroe	2	
SE-11	Rosedale St	236	1	
SE-11	Rosedale St	260	7	
SE-11	Rosedale St	282	3	
SE-11	Rosedale St	294	1	
SE-11	Rosedale St	319	3	
SE-11	Rosedale St	307		1
SE-11	Rosedale St	297	12	2
SE-11	Rosedale St	291	3	3
SE-11	Rosedale St	253	1	
SE-11	Rosedale St	op236	6	
SE-11	Rosedale St	131	1	
SE-11	Rosedale St	45	2	
SE-11	Alliance Av	42	2	
SE-11	Alliance Av	so1079 Monroe Av	1	
SE-11	Alliance Av	19	2	
SE-11	Alliance Av	27	1	
SE-11	Alliance Av	41	2	
SE-11	Alliance Av	51	2	
SE-11	Alliance Av	57	1	
SE-11	Alliance Av	77	1	
SE-11	Alliance Av	83	1	
SE-11	Alliance Av	89	2	
SE-11	Alliance Av	93	1	
SE-11	Alliance Av	97	3	

Section	Street Name	Address	5" count	7" count
SE-11	Alliance Av	103	4	
SE-11	Alliance Av	115	1	
SE-11	Alliance Av	116	4	
SE-11	Alliance Av	114	5	
SE-11	Alliance Av	106	1	
SE-11	Alliance Av	84	1	
SE-11	Alliance Av	74		2
SE-11	Alliance Av	62		2
SE-11	Alliance Av	58	5	2
SE-11	Roosevelt St	9	1	
SE-11	Roosevelt St	7	1	
SE-11	Roosevelt St	5	1	
SE-11	Roosevelt St	so166 Rosedale Ter	2	
SE-11	Pinnacle St	op252	12	
SE-11	Pinnacle St	260	5	
SE-11	Pinnacle St	256	2	
SE-11	Pinnacle St	248	2	
SE-11	Pinnacle St	op99	1	
SE-11	Pinnacle St	op63	1	
SE-11	Pinnacle St	16	4	
SE-11	Pinnacle St	so1119 Monroe Av	2	1
SE-11	Pinnacle St	19	1	
SE-11	Pinnacle St	21	1	
SE-11	Pinnacle St	29	1	
SE-11	Pinnacle St	41	8	
SE-11	Pinnacle St	75	1	
SE-11	Monroe Av	1049	2	
	reset several bricks???			
SE-11	Luzerne St	73	1	
SE-11	Suter Ter	35	3	
SE-11	Suter Ter	2	3	
SE-11	Harwood St	op21	1	
SE-11	Harwood St	op25	1	
SE-11	Palisade Pk	so88 Luzerne St	1	
SE-11	Palisade Pk	36	3	
SE-11	Overdale St	22	1	
SE-11	Avondale Pk	85	1	

Section	Street Name	Address	5" count	7" count
SE-11	Avondale Pk	79	2	
SE-11	Avondale Pk	69		1
SE-11	Avondale Pk	59	1	
SE-11	Avondale Pk	47		1
SE-11	Avondale Pk	31	2	
SE-11	Avondale Pk	15	4	5
SE-11	Avondale Pk	7	1	
SE-11	Avondale Pk	so1062 Monroe Av	21	
SE-11	Avondale Pk	26	1	
SE-11	Avondale Pk	32	8	
SE-11	Avondale Pk	48	1	
SE-11	Avondale Pk	58	1	
SE-11	Avondale Pk	64	1	
SE-11	Avondale Pk	74	7	
SE-11	Avondale Pk	78	14	2
SE-11	Belmont St	37	1	
SE-11	Belmont St	27	1	
SE-11	Belmont St	15	5	
SE-11	Belmont St	9	2	
SE-11	Belmont St	3	6	
SE-11	Belmont St	16	1	
SE-11	Belmont St	32	3	
SE-11	Belmont St	38	1	
SE-11	Belmont St	48	2	
SE-11	Belmont St	52	2	
SE-11	Belmont St	58	1	
SE-11	Belmont St	74	10	6
SE-11	Belmont St	86	1	
SE-11	Belmont St	100	1	
SE-11	Belmont St	117	4	
SE-11	Belmont St	105	1	
SE-11	Belmont St	85	1	
SE-11	Belmont St	77	5	
SE-11				
SE-11	Culver Rd	145	19	1
SE-11	Culver Rd	117	2	
SE-11	Culver Rd	107	4	
SE-11	Culver Rd	97	1	
SE-11	Culver Rd	83	3	
SE-11	Culver Rd	79	2	
SE-11	Culver Rd	75	5	
SE-11	Culver Rd	59	2	
SE-11	Culver Rd	55	1	
SE-11	Culver Rd	51	3	

Section	Street Name	Address	5" count	7" count
SE-11	Culver Rd	43	1	
SE-11	Culver Rd	29	1	
SE-11	Culver Rd	9	3	
SE-11	Culver Rd	op63	1	
SE-11	Culver Rd	op145	3	
SE-11	Culver Rd	100' south of 490, east	4	
SE-11	Culver Rd	25' south of 490, west	1	
SE-11				
SE-11	Edgemere	op1301	1	
SE-11	Edgemere	1301	6	
SE-11				
SE-11	Highland Av	1423	1	
SE-11	Highland Av	1394	2	

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Section	Street Name	Address	5" count	7" count
SE-12	East Av (Oxford to Culver)	875	2	
SE-12	East Av (Oxford to Culver)	901	2	
SE-12	East Av (Oxford to Culver)	935	2	
SE-12	East Av (Oxford to Culver)	947	3	
SE-12	East Av (Oxford to Culver)	987	1	
SE-12	East Av (Oxford to Culver)	1025	3	
SE-12	East Av (Oxford to Culver)	op1050	6	
SE-12	East Av (Oxford to Culver)	op1150	2	
SE-12	East Av (Oxford to Culver)	1163	1	
SE-12	East Av (Oxford to Culver)	op1150	3	
SE-12	East Av (Oxford to Culver)	1150	2	
SE-12	East Av (Oxford to Culver)	1100	3	
SE-12	East Av (Oxford to Culver)	op1025	2	
SE-12	East Av (Oxford to Culver)	1010	3	
SE-12	East Av (Oxford to Culver)	op901	4	
SE-12	East Av (Oxford to Culver)	op873	4	
SE-12	East Av (Oxford to Culver)	820	2	
SE-12	East Av (Oxford to Culver)	747	5	1
SE-12	East Av (Oxford to Culver)	so25 Westminster Rd	2	
SE-12	Park Av	so127 Westminster Rd	4	
SE-12	Park Av	458		1
SE-12	Park Av	op425	1	
SE-12	Park Av	451	1	
SE-12	Park Av	503	2	
SE-12	Park Av	517	1	
SE-12	Park Av	so121 Barrington St	2	
SE-12	Park Av	545	1	
SE-12	Park Av	571	1	
SE-12	Park Av	627	7	
SE-12	Park Av	633	5	
SE-12	Park Av	719	1	
SE-12	Park Av	815	1	
SE-12	Park Av	so121 Brunswick St	1	
SE-12	Park Av	682	2	
SE-12	Park Av	676	6	
SE-12	Park Av	622	3	
SE-12	Park Av	op603	3	
SE-12	Park Av	op593	2	
SE-12	Park Av	600	3	
SE-12	Park Av	308	3	
SE-12	Park Av	op 287	1	
SE-12	Park Av	op 281	4	
SE-12	Park Av	248	1	
SE-12	Park Av	247	1	

Section	Street Name	Address	5" count	7" count
SE-12	Park Av	257	3	1
SE-12	Park Av	263	2	
SE-12	Park Av	269	1	
SE-12	Park Av	275	2	
SE-12	Park Av	281	1	
SE-12	Park Av	299	1	
SE-12	Park Av	319	4	
SE-12	Park Av	325	3	2
SE-12	Park Av	so 267 Oxford St	2	
SE-12	Park Av	326	1	
SE-12	Milburn St	so100 Edgerton	11	
SE-12	Milburn St	65	4	
SE-12	Milburn St	so102 Vassar St	3	
SE-12	Milburn St	139	2	
SE-12	Milburn St	169	2	
SE-12	Milburn St	177	1	
SE-12	Milburn St	201	5	
SE-12	Milburn St	247	2	
SE-12	Milburn St	265	4	
SE-12	Milburn St	so197 Culver Rd	1	
SE-12	Milburn St	248	1	
SE-12	Milburn St	234	1	
SE-12	Milburn St	218	1	
SE-12	Milburn St	208	1	
SE-12	Milburn St	186	1	
SE-12	Milburn St	162	2	
SE-12	Milburn St	156	3	
SE-12	Milburn St	110	1	
SE-12	Milburn St	80	10	2
SE-12	Milburn St	33	1	
SE-12				3
SE-12	Girton Pl	so 326 Park Av	2	
SE-12	Girton Pl	24	3	
SE-12	Girton Pl	36	9	
SE-12	Girton Pl	42	1	
SE-12	Girton Pl	49	2	
SE-12	Girton Pl	41	3	
SE-12	Girton Pl	35	2	
SE-12				
SE-12	Girton Pl	23	10	
SE-12	Girton Pl	9	3	
SE-12	Girton Pl	so 314 Park Av	2	
SE-12	Cambridge St	29	7	2

Section	Street Name	Address	5" count	7" count
SE-12	Cambridge St	35	1	
SE-12	Cambridge St	43	7	
SE-12	Cambridge St	49	3	
SE-12	Cambridge St	61	4	
SE-12	Cambridge St	67	1	
SE-12	Cambridge St	73	1	
SE-12	Cambridge St	75	1	
SE-12	Cambridge St	so 58 Brighton St	6	
SE-12	Cambridge St	so 62 Brighton St		2
SE-12	Cambridge St	74	1	
SE-12	Cambridge St	72	1	
SE-12	Cambridge St	64	2	
SE-12	Cambridge St	56	6	
SE-12	Cambridge St	50	2	
SE-12	Cambridge St	46	1	
SE-12	Cambridge St	40	3	
SE-12	Cambridge St	36	1	
SE-12	Cambridge St	30	4	
SE-12	Cambridge St	24	2	
SE-12	Cambridge St	so 311 Park Av	9	
SE-12				
SE-12	Harlem St	so 49 Cambridge St	2	
SE-12	Harlem St	60	5	4
SE-12	Harlem St	58	1	
SE-12	Harlem St	52	12	3
SE-12	Harlem St	46	1	
SE-12	Harlem St	42	2	
SE-12	Harlem St	36	1	
SE-12	Harlem St	32	1	
SE-12	Harlem St	26	5	
SE-12	Harlem St	20	6	
SE-12	Harlem St	so 200 Goodman St	3	1
SE-12	Harlem St	so 212 Goodman St	8	1
SE-12	Harlem St	19		3
SE-12	Harlem St	27	4	
SE-12	Harlem St	31	1	
SE-12	Harlem St	45	2	
SE-12	Harlem St	49	2	
SE-12	Harlem St	55	1	2
SE-12	Harlem St	57	1	
SE-12	Harlem St	so 61 Cambridge St	1	
SE-12	Brighton St	58	1	

Section	Street Name	Address	5" count	7" count
SE-12	Brighton St	56	2	
SE-12	Brighton St	54	1	
SE-12	Brighton St	50	1	
SE-12	Brighton St	so 240 Goodman St	22	
SE-12	Brighton St	so 252 Goodman St	1	
SE-12	Brighton St	39	3	3
SE-12	Brighton St	41	1	
SE-12	Brighton St	43	2	
SE-12	Brighton St	45	2	2
SE-12	Brighton St	47	9	
SE-12	Brighton St	49	1	
SE-12	Brighton St	51	1	
SE-12	Brighton St	55	4	2
SE-12	Brighton St	63	1	
SE-12	Brighton St	65	4	1
SE-12	Brighton St	so 373 Oxford St	9	
SE-12	Brighton St	66	2	
SE-12	Brighton St	64	2	
SE-12	Harvard St	so 407 Oxford St	5	
SE-12	Harvard St	194	3	
SE-12	Harvard St	180	4	
SE-12	Harvard St	174	2	
SE-12	Harvard St	154	2	
SE-12	Harvard St	148	1	
SE-12	Harvard St	142	4	
SE-12	Harvard St	130	8	
SE-12	Harvard St	124	2	
SE-12	Harvard St	118	3	
SE-12	Harvard St	110	4	3
SE-12	Harvard St	100	5	
SE-12	Harvard St	103	13	
SE-12	Harvard St	115	4	4
SE-12	Harvard St	119	2	
SE-12	Harvard St	123	5	5
SE-12	Harvard St	137	6	
SE-12	Harvard St	145	2	
SE-12	Harvard St	151	6	
SE-12	Harvard St	157	17	6
SE-12	Harvard St	177	1	
SE-12	Harvard St	183	7	2
SE-12	Harvard St	195	2	
SE-12	Harvard St	209	8	
SE-12				

Section	Street Name	Address	5" count	7" count
SE-12	Harper St	so 445 Oxford St	3	
SE-12	Harper St	76	5	
SE-12	Harper St	70	2	
SE-12	Harper St	44	1	
SE-12	Harper St	so 330 Goodman St		4
SE-12	Harper St	15	2	
SE-12	Harper St	29	1	
SE-12	Harper St	61	1	
SE-12	Harper St	97	3	
SE-12	Harper St	101	3	
SE-12	Harper St	so 457 Oxford St	8	
SE-12				
SE-12	Cornell St	69	3	
SE-12	Cornell St	27	1	
SE-12	Cornell St	so 47 Harper St	1	
SE-12				
SE-12	Wilmer St	73	2	
SE-12	Wilmer St	53	2	
SE-12	Wilmer St	so 4 Wellesley St	2	2
SE-12	Wilmer St	60	3	
SE-12				
SE-12	Wilmer St	70	3	
SE-12				
SE-12	Wellesley St	20	8	
SE-12	Wellesley St	4	1	
SE-12				
SE-12	Rutgers St	161	3	
SE-12	Rutgers St	165	2	
SE-12	Rutgers St	171	2	2
SE-12	Rutgers St	201	2	
SE-12	Rutgers St	203	4	
SE-12	Rutgers St	205	3	
SE-12	Rutgers St	207	1	
SE-12	Rutgers St	209	1	
SE-12	Rutgers St	231	7	1
SE-12	Rutgers St	237	2	
SE-12	Rutgers St	247	1	
SE-12	Rutgers St	259	9	
SE-12	Rutgers St	so 746 Monroe Av		2
SE-12	Rutgers St	286	3	4
SE-12	Rutgers St	278	1	
SE-12	Rutgers St	274	7	2
SE-12	Rutgers St	264	3	
SE-12	Rutgers St	252	1	
SE-12	Rutgers St	244	6	

Section	Street Name	Address	5" count	7" count
SE-12	Rutgers St	240	1	
SE-12	Rutgers St	236	1	
SE-12	Rutgers St	220	1	
SE-12	Rutgers St	218	5	1
SE-12	Rutgers St	208	1	2
SE-12	Rutgers St	200	1	
SE-12	Rutgers St	186	5	
SE-12	Rutgers St	182	2	
SE-12	Rutgers St	176	5	
SE-12	Rutgers St	160	3	
SE-12	Rutgers St	146	1	
SE-12	Rutgers St	140	1	
SE-12	Rutgers St	126	2	
SE-12	Rutgers St	120	2	
SE-12	Rutgers St	108	2	
SE-12	Rutgers St	102	3	2
SE-12	Rutgers St	96	3	
SE-12	Rutgers St	88	6	2
SE-12	Rutgers St	84	1	2
SE-12	Rutgers St	76	3	3
SE-12	Rutgers St	66	2	
SE-12	Rutgers St	56	7	
SE-12	Rutgers St	38	7	
SE-12	Rutgers St	403 Park Av	5	
SE-12	Rutgers St	15	8	
SE-12	Rutgers St	33	5	
SE-12	Rutgers St	57	2	
SE-12	Rutgers St	65	1	2
SE-12	Rutgers St	71	9	2
SE-12	Rutgers St	89	1	
SE-12	Rutgers St	95	1	
SE-12	Rutgers St	103		3
SE-12	Rutgers St	109	3	
SE-12	Rutgers St	143	1	
SE-12	Rutgers St	153	2	
SE-12	Vick Park A	49	1	
SE-12	Vick Park A	43	4	
SE-12	Vick Park A	41	1	
SE-12	Vick Park A	39		4
SE-12	Vick Park A	37	3	
SE-12	Vick Park A	29	5	
SE-12	Vick Park A	27	1	
SE-12	Vick Park A	25	1	2
SE-12	Vick Park A	21		5

Section	Street Name	Address	5" count	7" count
SE-12	Vick Park A	19	2	
SE-12	Vick Park A	15	2	
SE-12	Vick Park A	779 East Av		7
SE-12	Vick Park A	757 East Av		10
SE-12	Vick Park A	10	3	9
SE-12	Vick Park A	26	1	
SE-12	Vick Park A	28		10
SE-12	Vick Park A	30		4
SE-12	Vick Park A	34	1	
SE-12	Vick Park A	36	2	
SE-12	Vick Park A	44	2	1
SE-12	Dartmouth St	175	2	
SE-12	Dartmouth St	195	5	
SE-12	Dartmouth St	209	1	
SE-12	Dartmouth St	243	1	
SE-12	Dartmouth St	261	1	
SE-12	Dartmouth St	269	2	
SE-12	Dartmouth St	297	1	
SE-12	Dartmouth St	312	2	
SE-12	Dartmouth St	288	2	
SE-12	Dartmouth St	268	1	
SE-12	Dartmouth St	230	1	
SE-12	Dartmouth St	196	1	
SE-12	Dartmouth St	184	1	
SE-12	Dartmouth St	96	1	
SE-12	Dartmouth St	76	1	
SE-12	Dartmouth St	56	2	
SE-12	Dartmouth St	61	1	
SE-12	Dartmouth St	83	1	
SE-12	Vick Park B		3	
SE-12	Vick Park B	3	2	
SE-12	Vick Park B	5		
SE-12	Vick Park B	5	4	
SE-12	Vick Park B		6	slate
SE-12	Vick Park B		2	
SE-12	Vick Park B	5	2	
SE-12	Vick Park B	1		
SE-12	Westminster Rd	215	8	2
SE-12	Westminster Rd	221	2	3
SE-12	Westminster Rd	233	6	2

Section	Street Name	Address	5" count	7" count
SE-12	Westminster Rd	245	4	
SE-12	Westminster Rd	251	3	
SE-12	Westminster Rd	261	1	
SE-12	Westminster Rd	265	3	
SE-12	Westminster Rd	287	1	
SE-12	Westminster Rd	301	5	
SE-12	Westminster Rd	315	1	
SE-12	Westminster Rd	325	3	
SE-12	Westminster Rd	333	5	
SE-12	Westminster Rd	359	6	
SE-12	Westminster Rd	375	3	
SE-12	Westminster Rd	399	2	
SE-12	Westminster Rd	405	2	
SE-12	Westminster Rd	417	4	2
SE-12	Westminster Rd	400	5	
SE-12	Westminster Rd	396	2	
SE-12	Westminster Rd	354	4	
SE-12	Westminster Rd	344	4	3
SE-12	Westminster Rd	334	3	3
SE-12	Westminster Rd	316	6	
SE-12	Westminster Rd	300		2
SE-12	Westminster Rd	290	1	
SE-12	Westminster Rd	284	2	
SE-12	Westminster Rd	282	1	
SE-12	Westminster Rd	248	3	
SE-12	Westminster Rd	240	2	
SE-12	Westminster Rd	228	1	
SE-12	Westminster Rd	222	2	
SE-12	Westminster Rd	194	1	
SE-12	Westminster Rd	170	1	
SE-12	Westminster Rd	150	1	
SE-12	Westminster Rd	146	1	
SE-12	Westminster Rd	142	2	
SE-12	Westminster Rd	139	1	
SE-12	Westminster Rd	149	1	
SE-12	Westminster Rd	163	2	
SE-12	Westminster Rd	173	2	
SE-12	Westminster Rd	175	2	
SE-12	Westminster Rd	114	5	
SE-12	Westminster Rd	110	3	
SE-12	Westminster Rd	90	1	
SE-12	Westminster Rd	80	1	
SE-12	Westminster Rd	70	1	
SE-12	Westminster Rd	50	5	
SE-12	Westminster Rd	42	2	

Section	Street Name	Address	5" count	7" count
SE-12	Westminster Rd	so 875 East Av	9	
SE-12	Westminster Rd	41	6	3
SE-12	Westminster Rd	75	1	
SE-12	Westminster Rd	89	2	
SE-12	Westminster Rd	95	1	3
SE-12				
SE-12	Thayer St	33	4	2
SE-12	Thayer St	37		5
SE-12	Thayer St	so 181 Barrington St	1	
SE-12	Thayer St	40	2	
SE-12	Thayer St	36	3	
SE-12	Thayer St	so 176 Westminster Rd		1
SE-12	Thayer St	32	1	
SE-12	Thayer St	30	2	
SE-12	Thayer St	22	1	
SE-12	Thayer St	20	4	
SE-12	Thayer St	12	1	
SE-12	Thayer St	10	1	
SE-12	Thayer St	so 52 Rutgers St	5	
SE-12	Thayer St	so 52 Dartmouth St	2	
SE-12	Thayer St	19	9	2
SE-12	Thayer St	23	1	
SE-12				
SE-12	Barrington St	65	5	
SE-12	Barrington St	95	5	
SE-12	Barrington St	121	4	4
SE-12	Barrington St	137	4	3
SE-12	Barrington St	143		3
SE-12	Barrington St	149	17	3
SE-12	Barrington St	165	1	
SE-12	Barrington St	185	8	
SE-12	Barrington St	189	1	
SE-12	Barrington St	201	2	
SE-12	Barrington St	217	4	
SE-12	Barrington St	245	5	2
SE-12	Barrington St	253	2	
SE-12	Barrington St	259	2	
SE-12	Barrington St	273	2	
SE-12	Barrington St	297	1	
SE-12	Barrington St	325	3	
SE-12	Barrington St	335		1
SE-12	Barrington St	371	2	
SE-12	Barrington St	377	3	
SE-12	Barrington St	393	1	
SE-12	Barrington St	400	2	

Section	Street Name	Address	5" count	7" count
SE-12	Barrington St	380	2	
SE-12	Barrington St	376	6	2
SE-12	Barrington St	370	1	
SE-12	Barrington St	344	2	2
SE-12	Barrington St	338	1	
SE-12	Barrington St	330	1	
SE-12	Barrington St	314	2	
SE-12	Barrington St	302	2	
SE-12	Barrington St	292	2	
SE-12	Barrington St	282	6	3
SE-12	Barrington St	250	6	
SE-12	Barrington St	246	2	
SE-12	Barrington St	236	1	
SE-12	Barrington St	206	6	
SE-12	Barrington St	170	33	
SE-12	Barrington St	152	1	
SE-12	Barrington St	122	2	
SE-12	Barrington St	116	13	
SE-12	Barrington St	94	2	
SE-12	Barrington St	88	5	
SE-12	Barrington St	76	7	2
SE-12	Barrington St	64	2	
SE-12	Barrington St	50	2	
SE-12	Barrington St	so 935 East Av	9	
SE-12	Barrington St	so 901 East Av	6	
SE-12	Barrington St	31	6	
SE-12	Barrington St	51	2	
SE-12	Edgerton St	35	2	
SE-12	Edgerton St	43	3	
SE-12	Edgerton St	so 170 Barrington St	3	3
SE-12	Edgerton St	101	2	
SE-12	Edgerton St	115	3	
SE-12	Edgerton St	129	2	
SE-12	Edgerton St	143	4	
SE-12	Edgerton St	175	1	
SE-12	Edgerton St	179	2	1
SE-12	Edgerton St	185	7	
SE-12	Edgerton St	209	4	
SE-12	Edgerton St	211	3	
SE-12	Edgerton St	221	3	
SE-12	Edgerton St	225	1	
SE-12	Edgerton St	2253	4	
SE-12	Edgerton St	261	5	
SE-12	Edgerton St	275	2	2

Section	Street Name	Address	5" count	7" count
SE-12	Edgerton St	so 142 Canterbury Rd	1	
SE-12	Edgerton St	so 156 Canterbury Rd	1	
SE-12	Edgerton St	238	1	
SE-12	Edgerton St	232	1	
SE-12	Edgerton St	224	2	2
SE-12	Edgerton St	218	2	
SE-12	Edgerton St	190	2	
SE-12	Edgerton St	146	3	
SE-12	Edgerton St	140	1	
SE-12	Edgerton St	106	1	
SE-12	Edgerton St	102	3	
SE-12	Edgerton St	84	1	
SE-12	Edgerton St	80	3	
SE-12	Edgerton St	64	4	
SE-12	Edgerton St	30	6	
SE-12	Edgerton St	so 593 Park Av	3	
SE-12	Edgerton St	11		
SE-12	Edgerton St	31	4	
SE-12	Vassar St	103	2	
SE-12	Vassar St	109	1	
SE-12	Vassar St	131	4	
SE-12	Vassar St	153	3	3
SE-12	Vassar St	so 465 Harvard St	6	
SE-12	Vassar St	177	3	2
SE-12	Vassar St	191	2	1
SE-12	Vassar St	195	1	
SE-12	Vassar St	217	1	
SE-12	Vassar St	223	1	2
SE-12	Vassar St	237	4	
SE-12	Vassar St	so 186 Canterbury Rd	3	
SE-12	Vassar St	so 206 Canterbury Rd	4	1
SE-12	Vassar St	232		1
SE-12	Vassar St	218	1	
SE-12	Vassar St	202	4	
SE-12	Vassar St	196	1	
SE-12	Vassar St	194	2	
SE-12	Vassar St	142	2	
SE-12	Vassar St	124	1	
SE-12	Vassar St	118	1	
SE-12	Vassar St	so 80 Milburn St	1	
SE-12	Vassar St	76	1	
SE-12	Vassar St	72	2	
SE-12	Vassar St	17	3	
SE-12	Vassar St	25	2	

Section	Street Name	Address	5" count	7" count
SE-12	Vassar St	29	2	
SE-12	Vassar St	39		3
SE-12	Vassar St	69	2	
SE-12	Vassar St	75	1	
SE-12	Vassar St	so 64 Milburn St	2	
SE-12				
SE-12	Portsmouth Ter	8		2
SE-12	Portsmouth Ter	12	1	
SE-12	Portsmouth Ter	18	2	
SE-12	Portsmouth Ter	20	3	
SE-12	Portsmouth Ter	26	2	
SE-12	Portsmouth Ter	32		1
SE-12	Portsmouth Ter	25		2
SE-12	Portsmouth Ter	15	5	2
SE-12	Portsmouth Ter	11		2
SE-12	Portsmouth Ter	5	2	3
SE-12	Portsmouth Ter	so 820 East Av	1	
SE-12	Portsmouth Ter	2	1	3
SE-12				
SE-12	Upton Pk	so 660 East Av		4
SE-12	Upton Pk	4	1	
SE-12	Upton Pk	10		2
SE-12	Upton Pk	22	3	
SE-12	Upton Pk	28	2	
SE-12	Upton Pk	30	4	
SE-12	Upton Pk	32	1	
SE-12	Upton Pk	35	3	
SE-12				
SE-12	Rundel Pk	1	2	
SE-12	Rundel Pk	so 86 Oxford St	14	7
SE-12	Rundel Pk	30		2
SE-12				
SE-12	Harvard St	600	1	
SE-12	Harvard St	560	1	
SE-12	Harvard St	538	1	
SE-12	Harvard St	488	1	
SE-12	Harvard St	444	3	
SE-12	Harvard St	420	5	
SE-12	Harvard St	so250 Barrington St	7	
SE-12	Harvard St	so266 Westminster Rd	2	
SE-12	Harvard St	so265 Westminster Rd	4	
SE-12	Harvard St	so130 Dartmouth St	1	
SE-12	Harvard St	so129 Rutgers St	1	
SE-12	Harvard St	so410 Oxford St	3	1
SE-12	Harvard St	so143 Dartmouth St	1	

Section	Street Name	Address	5" count	7" count
SE-12	Harvard St	so144 Dartmouth St	1	
SE-12	Harvard St	so267 Westminster Rd	6	
SE-12	Harvard St	so262 Westminster Rd	1	
SE-12	Harvard St	so273 Barrington St	1	
SE-12	Harvard St	so274 Barrington St	2	
SE-12	Harvard St	465	3	
SE-12	Harvard St	483	3	
SE-12	Harvard St	509	1	
SE-12	Harvard St	525	2	1
SE-12	Harvard St	537	10	1
SE-12	Harvard St	622	3	
SE-12	Harvard St	604	5	
SE-12	Canterbury Rd	263	1	
SE-12	Canterbury Rd	271	3	
SE-12	Canterbury Rd	295	5	
SE-12	Canterbury Rd	301	1	
SE-12	Canterbury Rd	327	1	
SE-12	Canterbury Rd	331	1	
SE-12	Canterbury Rd	341	2	
SE-12	Canterbury Rd	355	2	
SE-12	Canterbury Rd	363	1	
SE-12	Canterbury Rd	360	4	
SE-12	Canterbury Rd	352	1	
SE-12	Canterbury Rd	310	2	
SE-12	Canterbury Rd	250	1	
SE-12	Canterbury Rd	234	2	
SE-12	Canterbury Rd	176	1	
SE-12	Canterbury Rd	172	2	
SE-12	Canterbury Rd	156	2	
SE-12	Canterbury Rd	so275 Edgerton St	2	
SE-12	Canterbury Rd	142	1	
SE-12	Canterbury Rd	op115	1	
SE-12	Canterbury Rd	68	3	
SE-12	Canterbury Rd	so420 Westminster Rd	1	
SE-12	Canterbury Rd	6	1	
SE-12	Canterbury Rd	4	8	
SE-12	Canterbury Rd	op68	1	
SE-12	Canterbury Rd	129	1	
SE-12	Canterbury Rd	143	2	
SE-12	Canterbury Rd	161	2	
SE-12	Canterbury Rd	169	1	
SE-12	Canterbury Rd	189	1	

Section	Street Name	Address	5" count	7" count
SE-12	Brunswick St	183	3	
SE-12	Brunswick St	247	1	
SE-12	Brunswick St	so634 Canterbury Rd	1	
SE-12	Brunswick St	280	2	
SE-12	Brunswick St	248	1	
SE-12	Brunswick St	so265 Milburn St	2	
SE-12	Brunswick St	192	1	
SE-12	Brunswick St	so815 Park Av	1	4
SE-12	Brunswick St	112	2	
SE-12	Brunswick St	106	9	
SE-12	Brunswick St	94	7	
SE-12	Brunswick St	84	5	
SE-12	Brunswick St	80	3	
SE-12	Brunswick St	60	2	
SE-12	Brunswick St	52	1	
SE-12	Brunswick St	2	2	
SE-12	Brunswick St	so1163 East Av	7	
SE-12	Brunswick St	35	2	
SE-12	Brunswick St	41	2	
SE-12	Brunswick St	63	4	
SE-12	Brunswick St	69	1	3
SE-12	Brunswick St	89	2	
SE-12	Brunswick St	95	2	
SE-12	Brunswick St	119	7	2
SE-12	Brunswick St	121	4	
SE-12	Morningside Pk	53	3	
SE-12	Morningside Pk	37	4	2
SE-12	Morningside Pk	25	3	
SE-12	Morningside Pk	19	1	
SE-12	Morningside Pk	so183 Brunswick St	3	
SE-12	Morningside Pk	26	4	2
SE-12	Morningside Pk	32		1
SE-12	Morningside Pk	42	1	
SE-12	Argyle St	op2	7	
SE-12	Argyle St	35	3	2
SE-12	Argyle St	45	2	
SE-12	Argyle St	51	1	
SE-12	Argyle St	63	1	
SE-12	Argyle St	71	2	
SE-12	Argyle St	79	2	
SE-12	Argyle St	so760 Park Av	7	
SE-12	Argyle St	118	3	2
SE-12	Argyle St	112	1	

Section	Street Name	Address	5" count	7" count
SE-12	Argyle St	98	7	3
SE-12	Argyle St	92	2	
SE-12	Argyle St	84	2	2
SE-12	Argyle St	2	4	
SE-12	Buckingham St	so1077 East Av	4	
SE-12	Buckingham St	5	4	
SE-12	Buckingham St	7	4	
SE-12	Buckingham St	9	2	
SE-12	Buckingham St	11	3	
SE-12	Buckingham St	21	4	
SE-12	Buckingham St	so720 Park Av	3	
SE-12	Buckingham St	20	1	
SE-12	Buckingham St	18	4	
SE-12	Buckingham St	16	1	2
SE-12	Buckingham St	12	2	
SE-12	Buckingham St	10	1	
SE-12	Buckingham St	so1099 East Av	1	
SE-12				
SE-12	Oliver St	so1170 East Av	1	
SE-12	Oliver St	32	2	
SE-12	Oliver St	64	3	
SE-12	Oliver St	70	3	
SE-12	Oliver St	94	3	
SE-12	Oliver St	67	2	
SE-12	Oliver St	49		3
SE-12	Oliver St	45	1	
SE-12	Oliver St	op32	5	
SE-12	Oliver St	so1150 East Av	6	
SE-12	Granger St	2	6	
SE-12	Granger St	4	3	
SE-12	Granger St	6	8	
SE-12	Granger St	10	1	
SE-12	Granger St	12	1	
SE-12	Granger St	16	1	
SE-12	Granger St	11	2	
SE-12	Granger St	9	2	
SE-12	Granger St	7	2	
SE-12	Granger St	5	3	
SE-12	Granger St	3	1	
SE-12	Granger St	1	1	
SE-12	Granger St	op so1100 East Av	5	

Section	Street Name	Address	5" count	7" count
SE-12	Berkeley St	25	2	
SE-12	Berkeley St	35	1	
SE-12	Berkeley St	op56	6	
SE-12	Berkeley St	65	7	
SE-12	Berkeley St	75	1	
SE-12	Berkeley St	83	1	
SE-12	Berkeley St	103	4	
SE-12	Berkeley St	op112	1	
SE-12	Berkeley St	so657 Park Av		1
SE-12	Berkeley St	163	5	
SE-12	Berkeley St	177	2	
SE-12	Berkeley St	179	1	
SE-12	Berkeley St	187	1	
SE-12	Berkeley St	197	3	
SE-12	Berkeley St	207	3	
SE-12	Berkeley St	211	7	2
SE-12	Berkeley St	237	5	
SE-12	Berkeley St	255	1	
SE-12	Berkeley St	263	1	
SE-12	Berkeley St	315	1	
SE-12	Berkeley St	336	2	
SE-12	Berkeley St	256	8	
SE-12	Berkeley St	op237	13	
SE-12	Berkeley St	so139 Milburn	6	
SE-12	Berkeley St	196	1	
SE-12	Berkeley St	180	1	
SE-12	Berkeley St	166	4	
SE-12	Berkeley St	110	1	
SE-12	Berkeley St	80	1	
SE-12	Berkeley St	62	3	
SE-12	Berkeley St	22	3	
SE-12				
SE-12	Winston Pl	so180 Berkeley	3	4
SE-12	Winston Pl	so192 Berkeley	4	
SE-12	Winston Pl	27	4	
SE-12	Donlon St	so180 Milburn St	2	
SE-12	Donlon St	9 1/2	1	
SE-12	Donlon St	7 1/2	1	
SE-12	Donlon St	4	1	1
SE-12	Donlon St	6	1	
SE-12	Donlon St	10	1	
SE-12	Merriman St	105	4	

Section	Street Name	Address	5" count	7" count
SE-12	Merriman St	91	3	
SE-12	Merriman St	83	3	
SE-12	Merriman St	69	1	
SE-12	Merriman St	57		3
SE-12	Merriman St	op36	2	
SE-12	Merriman St	so788 East Av	5	
SE-12	Merriman St	30	4	
SE-12	Merriman St	36	6	
SE-12	Merriman St	44		3
SE-12	Merriman St	56	2	
SE-12	Merriman St	64	2	
SE-12	Merriman St	68	7	4
SE-12	Merriman St	74	1	
SE-12	Merriman St	82	1	
SE-12	Merriman St	110	3	
SE-12	Merriman St	120	4	
SE-12	Merriman St	so775 University Av	2	
SE-12	Merriman St	115	7	
SE-12	Oxford St (University to East)	97	1	
SE-12	Oxford St (University to East)	42	1	
SE-12	Berkshire St	19	1	
SE-12	Berkshire St	31	4	
SE-12	Berkshire St	45	1	
SE-12	Berkshire St	op50	4	
SE-12	Berkshire St	so606 Harvard St	1	
SE-12	Berkshire St	so616 Harvard St	4	
SE-12	Berkshire St	34	4	
SE-12	Berkshire St	20	2	
SE-12	Berkshire St	8	3	
SE-12	Regent St	1	2	
SE-12	Regent St	7		2
SE-12	Regent St	9	4	
SE-12	Regent St	so568 Harvard St	1	1
SE-12	Regent St	so580 Harvard St	1	
SE-12	Regent St	16	1	
SE-12	Regent St	6	10	4
SE-12	Regent St	4	2	

Section	Street Name	Address	5" count	7" count
SE-13	University Av	op 94	1	
SE-13	University Av	op 1045	1	
SE-13	University Av	op1033	1	
SE-13	University Av	op & west of 1033	1	
SE-13	University Av	op 1011	1	
SE-13	University Av	822	3	
SE-13	University Av	810	1	
SE-13	University Av	772	8	
SE-13	University Av	op 757	2	
SE-13	University Av	652	2	
SE-13	University Av	626	8	
SE-13	University Av	so37 Rundel Pk	3	
SE-13				
SE-13	Arlington St	28	1	
SE-13	Arlington St	2	1	
SE-13				
SE-13	Beacon Pl	so16 Atlantic Av	1	
SE-13	Beacon Pl	35	1	
SE-13	Beacon Pl	25	2	
SE-13	Beacon Pl	17	1	
SE-13	Beacon Pl	65	2	
SE-13				
SE-13	Carlton Pl	24	1	
SE-13	Carlton Pl	50' south of Anderson Av, €	1	
SE-13	Carlton Pl	37	6	
SE-13				
SE-13	Delaware St	12	1	
SE-13	Delaware St	16	2	
SE-13	Delaware St	22	3	1
SE-13	Delaware St	54	1	1
SE-13	Delaware St	57	2	
SE-13	Delaware St	49	1	1
SE-13	Delaware St	43	1	
SE-13	Delaware St	37	2	
SE-13	Delaware St	31	2	
SE-13	Delaware St	27	1	1
SE-13				
SE-13	Merriman St	so110 Atlantic Av		1
SE-13	Merriman St	204	1	
SE-13	Merriman St	216	2	1
SE-13	Merriman St	232	1	
SE-13	Merriman St	227	1	2
SE-13	Merriman St	205	3	3
SE-13	Merriman St	199	2	2
SE-13	Merriman St	so102 Atlantic Av	2	

Section	Street Name	Address	5" count	7" count
SE-13	Merriman St	op so131 Atlantic	2	
SE-13	Merriman St	158	2	
SE-13	Merriman St	so131 Atlantic	2	
SE-13	Fairmount St	so142 Atlantic Av	3	
SE-13	Fairmount St	6	4	
SE-13	Fairmount St	8	4	
SE-13	Fairmount St	10	4	
SE-13	Fairmount St	so173 Anderson Av		2
SE-13	Fairmount St	50' South of Anderson, we	4	
SE-13	Fairmount St	so149 Anderson Av	9	
SE-13	Fairmount St	op8	2	
SE-13	Fairmount St	7	2	
SE-13	Fairmount St	op4	11	
SE-13	Fairmount St	op so142 Fairmount		3
SE-13	Norwood St	op7	1	
SE-13	Norwood St	9		1
SE-13	Norwood St	7	2	
SE-13	Norwood St	1	1	1
SE-13	Anderson Av	400' North of Atlantic, wes	1	
SE-13	Anderson Av	50' East of Norwood, south	1	
SE-13	Anderson Av	op Norwood	9	
SE-13	Anderson Av	173	14	
SE-13	Anderson Av	149	7	
SE-13	Anderson Av	139	2	
SE-13	Anderson Av	50	1	
SE-13	Anderson Av	30' East of Goodman, south	1	
SE-13	Anderson Av	op76	1	
SE-13	Anderson Av	op100	1	
SE-13	Anderson Av	so243 Merriman St	3	1
SE-13	Alma Pl	7	2	
SE-13	Alma Pl	op4	2	
SE-13	Russell St	20' North of University, ea	1	
SE-13	Atlantic Av	30' west of east parking lot	5	
SE-13	Atlantic Av	op43	1	
SE-13	Atlantic Av	166	1	
SE-13	Atlantic Av	164	3	
SE-13	Atlantic Av	op113	2	
SE-13	Atlantic Av	118	2	
SE-13	Atlantic Av	110	8	

Section	Street Name	Address	5" count	7" count
SE-13	Atlantic Av	102	1	
SE-13	Atlantic Av	94	1	
SE-13	Atlantic Av	88	1	
SE-13	Atlantic Av	86	1	
SE-13	Atlantic Av	op51		11
SE-13	Atlantic Av	39	3	
SE-13	Atlantic Av	op88	1	
SE-13	Atlantic Av	107	1	
SE-13	Atlantic Av	117	3	
SE-13	Atlantic Av	op154	3	
SE-13	Atlantic Av	169	3	
SE-13	Atlantic Av	50' east of Elton, south side	2	
SE-13	Atlantic Av	op Anderson	19	4
SE-13	Atlantic Av	150' east of Anderson, south	1	
SE-13	Atlantic Av	50' west of Russell, south	24	
SE-13	Palmer St	SWC Main St	4	
SE-13	Palmer St	NEC Breck St		2
SE-13	Breck St	op42	2	2
SE-13	Breck St	5' west of Hillside parking l	1	
SE-13	Breck St	op106	5	
SE-13	Breck St	122	4	
SE-13	Breck St	139	7	2
SE-13	Breck St	141	2	
SE-13	Breck St	op150	5	
SE-13	Breck St	157	7	
SE-13	Breck St	167	6	
SE-13	Breck St	177	5	2
SE-13	Breck St	213	4	
SE-13	Breck St	219	2	
SE-13	Breck St	223	7	
SE-13	Breck St	233	3	
SE-13	Breck St	263	1	2
SE-13	Breck St	so45 Herkimer	2	
SE-13	Breck St	so31 Herkimer	6	
SE-13	Breck St	284	5	2
SE-13	Breck St	278	11	3
SE-13	Breck St	260	8	2
SE-13	Breck St	256	3	
SE-13	Breck St	250	3	
SE-13	Breck St	242	4	
SE-13	Breck St	238	2	
SE-13	Breck St	232	2	

Section	Street Name	Address	5" count	7" count
SE-13	Breck St	op177	25	2
SE-13	Breck St	160	1	
SE-13	Breck St	154	6	
SE-13	Breck St	150	8	
SE-13	Breck St	146	4	1
SE-13	Breck St	130	38	2
SE-13	Breck St	96	2	
SE-13	Breck St	94		2
SE-13	Breck St	near 90	21	4
SE-13	Breck St	op Hillside driveway exit	2	
SE-13	Breck St	300' west of Mustard, nort	16	
SE-13	Breck St	42	10	2
SE-13	Breck St	38	2	
SE-13	Breck St	32	4	
SE-13	Mustard St	so122 Breck St	2	
SE-13	Mustard St	so1381 Main St	2	
SE-13	Mustard St	50' south of Breck, west		1
SE-13	Mustard St	40' north of Chapel, west	3	
SE-13	Mustard St	50' south of Breck, east	4	
SE-13	Chapel St	20' east of Mustard St, south; dock 7/8		2
SE-13	Chapel St	op12	12	
SE-13	Chapel St	so67 Barnum	6	
SE-13	Chapel St	8	1	2
SE-13	Chapel St	12		2
SE-13	Chapel St	14	6	2
SE-13	Chapel St	16	6	
SE-13	Chapel St	20' east of Mustard St, nor	1	
SE-13	Chapel St	NEC Mustard		3
SE-13	Barnum St	so177 Breck St		3
SE-13	Barnum St	SWC Chapel	2	
SE-13	Barnum St	SWC dead end @ Leighton	2	
SE-13	Barnum St	NEC Leighton	3	
SE-13	Barnum St	30	3	
SE-13	Barnum St	26	4	
SE-13	Barnum St	22	6	4
SE-13	Barnum St	so1443 Main St	22	4
SE-13	Leighton St	112	2	
SE-13	Leighton St	74	8	1
SE-13	Leighton St	70	1	5
SE-13	Leighton St	48	2	

Section	Street Name	Address	5" count	7" count
SE-13	Leighton St	36	10	3
SE-13	Leighton St	SEC Barnum	3	
SE-13	Leighton St	100' east of Barnum, south	2	
SE-13	Leighton St	200' east of Barnum, south	13	
SE-13	Leighton St	SWC Crouch	2	
SE-13	Leighton St	op40	12	
SE-13	Leighton St	57	6	3
SE-13	Leighton St	61	3	
SE-13	Leighton St	op82	20	
SE-13	Leighton St	91		5
SE-13	Leighton St	op90	9	
SE-13	Leighton St	op112	8	
SE-13	Leighton St	op Herkimer	4	
SE-13	Leighton St	135	7	
SE-13	Leighton St	145	6	
SE-13	Leighton St	op150	2	
SE-13	Leighton St	153	1	
SE-13	Leighton St	157	1	
SE-13	Leighton St	165	6	
SE-13	Leighton St	179	1	
SE-13	Leighton St	183	5	
SE-13	Leighton St	195		3
SE-13	Leighton St	so709 Culver Rd	1	
SE-13	Leighton St	op205	6	
SE-13	Leighton St	so75 Bowman	3	
SE-13	Herkimer St	64	8	
SE-13	Herkimer St	40	4	2
SE-13	Herkimer St	36	2	3
SE-13	Herkimer St	32	6	
SE-13	Herkimer St	20	1	
SE-13	Herkimer St	so1567 Main St	14	
SE-13	Herkimer St	so1553 Main St	1	
SE-13	Herkimer St	19	2	3
SE-13	Herkimer St	29	1	2
SE-13	Herkimer St	45	1	
SE-13	Herkimer St	55		1
SE-13	Herkimer St	65		3
SE-13	Herkimer St	69	2	
SE-13	Herkimer St	NEC Leighton		2
SE-13	Bowman St	29	1	
SE-13	Bowman St	61	7	
SE-13	Bowman St	67	4	
SE-13	Bowman St	71	1	

Section	Street Name	Address	5" count	7" count
SE-13	Bowman St	165	1	
SE-13	Bowman St	105	4	
SE-13	Bowman St	125	4	
SE-13	Bowman St	129	2	
SE-13	Bowman St	133	1	
SE-13	Bowman St	so524 Atlantic Av	1	
SE-13	Bowman St	148	3	
SE-13	Bowman St	142	2	
SE-13	Bowman St	124	1	1
SE-13	Bowman St	120	2	
SE-13	Bowman St	114	2	
SE-13	Bowman St	106	2	
SE-13	Bowman St	so179 Leighton St	1	
SE-13	Bowman St	72	10	
SE-13	Bowman St	op61	1	
SE-13	Bowman St	op55	1	
SE-13	Bowman St	op45	1	
SE-13	Bowman St	op37	3	6
SE-13	Bowman St	34	2	
SE-13	Bowman St	so1601 Main St	2	
SE-13	Bowman St	so1593	1	2
SE-13	Bowman St	17	1	
SE-13	Greenleaf St	op55	3	
SE-13	Greenleaf St	op75	1	
SE-13	Greenleaf St	op81	2	
SE-13	Greenleaf St	so61 Leighton St	4	3
SE-13	Greenleaf St	81	2	2
SE-13	Greenleaf St	61	2	6
SE-13	Greenleaf St	51	27	24
SE-13	Greenleaf St	100' north of Atlantic, east	1	
SE-13	Greenleaf St	op31	1	
SE-13	Greenleaf St	op35	1	
SE-13	Crouch St	op36	7	
SE-13	Crouch St	op30	2	
SE-13	Crouch St	so410 Atlantic Av	16	
SE-13	Crouch St	26	4	
SE-13	Crouch St	36	11	
SE-13	Crouch St	50	7	2
SE-13	Crouch St	58	6	
SE-13	Crouch St	62	6	
SE-13	Crouch St	76	7	2
SE-13	Crouch St	84	6	2

Section	Street Name	Address	5" count	7" count
SE-13	Crouch St	94	1	
SE-13	Crouch St	104	4	
SE-13	Crouch St	106	5	
SE-13	Crouch St	op98	5	2
SE-13	Crouch St	op94	2	
SE-13	Crouch St	op88	2	
SE-13	Crouch St	op84	1	
SE-13	Crouch St	op70	6	
SE-13	Crouch St	op50	10	
SE-13	Crouch St	op46	1	
SE-13	Mayberry St	57	15	2
SE-13	Mayberry St	41	2	
SE-13	Mayberry St	33	5	2
SE-13	Mayberry St	13	3	
SE-13	Mayberry St	op so514 Atlantic Av	1	
SE-13	Mayberry St	so514 Atlantic Av	7	
SE-13	Mayberry St	30	3	
SE-13	Mayberry St	32	1	
SE-13	Mayberry St	40	10	
SE-13	Mayberry St	44		2
SE-13	Mayberry St	52	1	
SE-13	Mayberry St	54	1	
SE-13	Mayberry St	56	3	
SE-13	Mayberry St	68	2	
SE-13	Mayberry St	so145 Leighton	5	
SE-13	Mayberry St	so135 Leighton	14	8
SE-13	Main St	1640	1	
SE-13	Main St	1618	2	
SE-13	Main St	1564	2	
SE-13	Main St	1548	2	
SE-13	Main St	1532	1	
SE-13	Main St	op1503	2	
SE-13	Main St	1492	1	
SE-13	Main St	1486	2	
SE-13	Main St	op Barnum	2	
SE-13	Main St	op1415	3	
SE-13	Main St	op1385	2	
SE-13	Main St	op1363	2	
SE-13	Main St	1292	2	
SE-13	Main St	1258	8	
SE-13	Main St	30' east of Laura, north	2	
SE-13	Main St	NEC Laura	1	
SE-13	Main St	1144	1	

Section	Street Name	Address	5" count	7" count
SE-13	Main St	1111	1	3
SE-13	Main St	1233	4	
SE-13	Main St	op1252	2	
SE-13	Main St	op1268	2	
SE-13	Main St	op1322	1	
SE-13	Main St	1363	2	
SE-13	Main St	1393	4	2
SE-13	Main St	1415	2	
SE-13	Main St	1443	1	
SE-13	Main St	1549	2	
SE-13	Main St	1567	1	
SE-13	Main St	1593	2	

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Section	Street Name	Address	5" count	7" count
SE-14	Birch Cres	37	2	
SE-14	Birch Cres	43	1	
SE-14	Birch Cres	46	2	
SE-14	Birch Cres	42	1	
SE-14	Birch Cres	40	1	
SE-14	Birch Cres	32	5	
SE-14	Birch Cres	30	4	
SE-14	Birch Cres	28	2	2
SE-14	Birch Cres	26	2	2
SE-14	Birch Cres	24	1	
SE-14	Birch Cres	18	2	
SE-14	Birch Cres	op 5	1	
SE-14	Birch Cres	4	2	
SE-14	Birch Cres	1	1	
SE-14	Birch Cres	3	3	
SE-14	Birch Cres	5	5	
SE-14	Birch Cres	11	2	
SE-14	Birch Cres	19	4	
SE-14	Birch Cres	21	3	
SE-14	Birch Cres	25	2	
SE-14	Birch Cres	29	1	
SE-14	Birch Cres	31	2	
SE-14	Birch Cres	35	5	3
SE-14	College Av	65	7	
SE-14	College Av	75	9	
SE-14	College Av	op 100	47	
SE-14	College Av	100	39	
SE-14	College Av	96	32	
SE-14	College Av	op 96	21	
SE-14	College Av	so 50 Prince St	6	
SE-14	Erion Cres	52	1	
SE-14	Erion Cres	40	1	
SE-14	Erion Cres	34	2	
SE-14	Erion Cres	26	2	
SE-14	Erion Cres	op 11	4	
SE-14	Erion Cres	so 785 E Main St	1	
SE-14	Erion Cres	11	1	
SE-14	Erion Cres	35	1	
SE-14	Erion Cres	so 51 Prince St	1	
SE-14	Prince St	45	2	1
SE-14	Prince St	21	1	
SE-14	Prince St	11		2

Section	Street Name	Address	5" count	7" count
SE-14	Prince St	so 460 East Av		2
SE-14	Prince St	6		4
SE-14	Prince St	10	2	5
SE-14	Prince St	op 45	4	
SE-14	Prince St	50	4	
SE-14	Prince St	NEC of College Av	2	
SE-14	Prince St	so 875 E Main St	1	
SE-14	Prince St	so 835 E Main St	2	
SE-14	Prince St	55	13	3
SE-14	Strathallan Pk	so 555 University Av	3	
SE-14	Strathallan Pk	29	5	
SE-14	Strathallan Pk	27	6	2
SE-14	Strathallan Pk	23	11	
SE-14	Strathallan Pk	11		3
SE-14	Strathallan Pk	so 550 East Av	5	
SE-14	Strathallan Pk	4	1	3
SE-14	Strathallan Pk	6	5	
SE-14	Strathallan Pk	8	2	
SE-14	Strathallan Pk	12	4	
SE-14	Strathallan Pk	14	1	
SE-14	Strathallan Pk	18	3	
SE-14	Strathallan Pk	24	6	
SE-14	Strathallan Pk	26	1	
SE-14	Strathallan Pk	28	2	
SE-14	Strathallan Pk	so 561 University Av	1	
SE-14	Alexander St	392	6	
SE-14	Alexander St	398	2	
SE-14	Alexander St	400	3	
SE-14	Alexander St	404	2	
SE-14	Alexander St	410	8	
SE-14	Alexander St	403	1	
SE-14	Alexander St	op 398	2	
SE-14	Alexander St	395	4	1
SE-14	Alexander St	371	1	
SE-14	Alexander St	369	4	
SE-14	Alexander St	363	1	
SE-14	Alexander St	353	3	
SE-14	Alexander St	325	5	
SE-14	Alexander St	315	2	
SE-14	Alexander St	op 325	1	
SE-14	Alexander St	op 345	2	
SE-14	Alexander St	op 353	1	
SE-14	Alexander St	364	5	

Section	Street Name	Address	5" count	7" count
SE-14	Alexander St	370	1	
SE-14	Alexander St	374	2	
SE-14	Alexander St	241		2
SE-14	Alexander St	233	1	
SE-14	Alexander St	231	1	
SE-14	Alexander St	221	1	
SE-14	Alexander St	217	1	
SE-14	Alexander St	215	2	3
SE-14	Alexander St	op 231	1	
SE-14	Alexander St	op 233	3	
SE-14	Alexander St	op 241	3	
SE-14	Alexander St	op 253	1	
SE-14	Alexander St	256		4
SE-14	Alexander St	274	1	
SE-14	Alexander St	282	7	
SE-14	Alexander St	op 291	2	
SE-14	Alexander St	op 294	7	
SE-14	Alexander St	293	1	
SE-14	Alexander St	269	1	
SE-14	Alexander St	259	2	
SE-14	Alexander St	255	1	
SE-14	Alexander St	253	5	
SE-14	Richmond St			
SE-2	Charlotte St	so 30 Union St	1	
SE-14	Gardiner Pk	so 277 Alexander St	10	1
SE-14	Gardiner Pk	34	1	
SE-14	Gardiner Pk	24	4	
SE-14	Gardiner Pk	16	2	
SE-14	Gardiner Pk	8	1	
SE-14	Gardiner Pk	19	1	
SE-14	Gardiner Pk	27	1	
SE-14	Gardiner Pk	29	1	
SE-14	Gardiner Pk	35	1	
SE-14	Gardiner Pk	39	2	
SE-14	Gardiner Pk	47	2	
SE-14	Gardiner Pk	53	2	
SE-14	Gardiner Pk	67	1	
SE-14	Priem St	so 280 Monroe Av	1	
SE-14	Priem St	2 to 30	3	
SE-14	Priem St	op 6	2	
SE-14	Priem St	250 Monroe Av	4	

Section	Street Name	Address	5" count	7" count
SE-14	Priem St	6	1	
SE-14	Lafayette Pk	so 108 Union St	4	
SE-14	Buena Pl	so 82 Union St	2	
SE-14	Buena Pl	27	5	
SE-14	Buena Pl	37	4	
SE-14	Buena Pl	so 72 Union St	4	
SE-14	Meigs St	128	2	
SE-14	Meigs St	124	5	
SE-14	Meigs St	116	2	
SE-14	Meigs St	117		3
SE-14	Meigs St	129		2
SE-14	Meigs St	135		3
SE-14	Meigs St	141		1
SE-14	Meigs St	so 121 Park Av	2	
SE-14	Meigs St	173	2	
SE-14	Meigs St	199	2	
SE-14	Meigs St	215	5	
SE-14	Meigs St	225	2	
SE-14	Meigs St	229	3	
SE-14	Meigs St	235	4	
SE-14	Meigs St	247	2	
SE-14	Meigs St	281	1	
SE-14	Meigs St	307	3	
SE-14	Meigs St	315	1	
SE-14	Meigs St	327	3	
SE-14	Meigs St	so 436 Monroe Av	4	
SE-14	Meigs St	342	5	
SE-14	Meigs St	336	2	
SE-14	Meigs St	326	1	
SE-14	Meigs St	300	3	
SE-14	Meigs St	294	3	
SE-14	Meigs St	282	2	
SE-14	Meigs St	250	1	
SE-14	Meigs St	220	1	
SE-14	Meigs St	200	3	
SE-14	Meigs St	198	1	
SE-14	Meigs St	188	2	
SE-14	Meigs St	176	4	
SE-14	Meigs St	160	2	
SE-14	Meigs St	112	2	

Section	Street Name	Address	5" count	7" count
SE-14	Meigs St	92	1	
SE-14	Meigs St	86	3	
SE-14	Meigs St	56	1	
SE-14	Meigs St	50	1	
SE-14	Meigs St	46	1	
SE-14	Meigs St	4	1	
SE-14	Meigs St	op 4		20
SE-14	Meigs St	op 34		2
SE-14	Meigs St	49		1
SE-14	Meigs St	55		2
SE-14	Meigs St	69		1
SE-14	Meigs St	85		1
SE-14	Meigs St	95		6
SE-14	Meigs St	105		2
SE-14	Meigs St	111		4
SE-14	Tracy St	back of 254 Alexander St	7	
SE-14	Tracy St	so 252 Alexander St	2	
SE-14	Tracy St	SWC of Meigs St	1	
SE-14	Harvard St	so 294 Meigs St	4	
SE-14	Harvard St	19	2	
SE-14	Harvard St	so 43 Rowley St		1
SE-14	Harvard St	59		3
SE-14	Harvard St	61	1	
SE-14	Harvard St	67	1	2
SE-14	Harvard St	71	4	
SE-14	Harvard St	77	1	
SE-14	Harvard St	82		4
SE-14	Harvard St	62		8
SE-14	Harvard St	so 39 Rowley St	2	
SE-14	Harvard St	18	1	1
SE-14	Harvard St	8	1	
SE-14	Rowley St	43		2
SE-14	Rowley St	45	1	1
SE-14	Rowley St	47	1	
SE-14	Rowley St	49		1
SE-14	Rowley St	53		2
SE-14	Rowley St	55	2	
SE-14	Rowley St	59	2	
SE-14	Rowley St	61		1
SE-14	Rowley St	63		1
SE-14	Rowley St	67	1	3
SE-14	Rowley St	64	4	

Section	Street Name	Address	5" count	7" count
SE-14	Rowley St	62		2
SE-14	Rowley St	60	2	1
SE-14	Rowley St	58	4	
SE-14	Rowley St	54		2
SE-14	Rowley St	50	2	1
SE-14	Rowley St	48	1	
SE-14	Rowley St	46	1	3
SE-14	Rowley St	44	2	1
SE-14	Rowley St	40	6	
SE-14	Rowley St	34		1
SE-14	Rowley St	32		1
SE-14	Rowley St	30	3	1
SE-14	Rowley St	28	2	1
SE-14	Rowley St	26		4
SE-14	Rowley St	24		2
SE-14	Rowley St	16	2	
SE-14	Rowley St	14	1	6
SE-14	Rowley St	10		1
SE-14	Rowley St	8		4
SE-14	Rowley St	6		1
SE-14	Rowley St	4		5
SE-14	Rowley St	2		3
SE-14	Rowley St	so 171 Park Av		1
SE-14	Rowley St	3	3	
SE-14	Rowley St	5	6	
SE-14	Rowley St	9	1	
SE-14	Rowley St	13	1	
SE-14	Rowley St	15		1
SE-14	Rowley St	21	5	3
SE-14	Rowley St			
SE-14	Rowley St	25		2
SE-14	Rowley St	27		8
SE-14	Rowley St	29		3
SE-14	Rowley St	31		2
SE-14	Rowley St	33		3
SE-14	Rowley St	35		2
SE-14	Rowley St	37		2
SE-14	Rowley St	39		4
SE-14	Brighton St	so 24 Rowley St		10
SE-14	Brighton St	19	2	1
SE-14	Brighton St	25	1	3
SE-14	Brighton St	30	3	
SE-14	Brighton St	28	3	3

Section	Street Name	Address	5" count	7" count
SE-14	Brighton St	26	1	
SE-14	Brighton St	24	2	
SE-14	Brighton St	20	1	
SE-14	Brighton St	so 20 Rowley St		6
SE-14	Brighton St	so 21 Rowley St	2	7
SE-14	Brighton St	12	2	
SE-14	Brighton St	10	1	
SE-14	Brighton St	6	1	
SE-14	Brighton St	3	3	
SE-14	Brighton St	7	5	2
SE-14	Brighton St	15	1	
SE-14	Park Av	84	2	
SE-14	Park Av	72	3	
SE-14	Park Av	54	1	
SE-14	Park Av	48	4	
SE-14	Park Av	30	4	
SE-14	Park Av	6	3	
SE-14	Park Av	so 261 Alexander St	2	
SE-14	Park Av	27	2	
SE-14	Park Av	71	1	
SE-14	Park Av	165	8	
SE-14	Park Av	171	2	
SE-14	Park Av	193	2	
SE-14	Park Av	198	1	
SE-14	Park Av	154	1	
SE-14	Park Av	150	2	
SE-14	Arnold Pk	so 182 Park Av	2	
SE-14	Arnold Pk	47	4	
SE-14	Arnold Pk	21	6	
SE-14	Arnold Pk	19	4	8
SE-14	Arnold Pk	17	4	14
SE-14	Arnold Pk	11	8	
SE-14	Arnold Pk	9	1	2
SE-14	Arnold Pk	5	6	37
SE-14	Arnold Pk	100' S of East Av (east)		27
SE-14	Arnold Pk	20' S of East Av (east)		12
SE-14	Arnold Pk	so 4 Meigs St	23	
SE-14	Arnold Pk	4	1	
SE-14	Arnold Pk	6	1	4
SE-14	Arnold Pk	8	2	12
SE-14	Arnold Pk			
SE-14	Arnold Pk	10		2
SE-14	Arnold Pk	12	5	8

Section	Street Name	Address	5" count	7" count
SE-14	Arnold Pk	14	3	
SE-14	Arnold Pk	16	4	
SE-14	Arnold Pk	18		5
SE-14	Arnold Pk	22	1	
SE-14	Arnold Pk	so 160 Park Av	1	

Section	Street Name	Address	5" count	7" count
CBD	N Washington St	30	1	
CBD	N Plymouth Av	op 120	3	
CBD	N Plymouth Av	120		12
CBD	N Plymouth Av	156		
CBD	Church St	so 50 N Plymouth Av	10	
CBD	Church St	50' W of N Fitzhugh St(soul	2	
CBD	Church St	so 40 N Fitzhugh St	5	
CBD	Church St	so 79 State St	2	
CBD	N Fitzhugh St	121		4
CBD	N Fitzhugh St	95	2	4
CBD	N Fitzhugh St	op 40		4
CBD	N Fitzhugh St	40	1	
CBD	Front St	50' N of Andrews St (west)	2	
CBD	Front St	SWC of Andrews St	2	
CBD	N Water St	185	2	
CBD	N Water St	168		9
CBD	Andrews St	100' W of Front St (north)	2	15
CBD	Corinthian St	NEC of State St	2	
CBD	W Broad St	225	9	
CBD	W Broad St	so 81 South Av	2	
CBD	W Broad St	op 85	2	
CBD	S Washington St	so 131 W Broad St	1	
CBD	S Plymouth Av	130	1	
CBD	S Fitzhugh St	so 65 W Broad St		5
CBD	S Fitzhugh St	so 55 Exchange Blvd	1	
CBD	S Fitzhugh St	so 30 W Broad St	1	
CBD	E Broad St	so 81 South Av	2	
CBD	East Av	191	6	
CBD	East Av	255	1	
CBD	East Av	200	1	
CBD	East Av	42	6	
CBD	East Av	1		10

Section	Street Name	Address	5" count	7" count
CBD	East Av	1		10
CBD	Broadway St	so141 East Av	2	5
CBD	James St (just north of	100' E of Chestnut St		15
CBD	E Broad St)			
CBD	Court St	op so 161 Chestnut St	5	
CBD	Court St	25' E of Clinton, south	4	
CBD	Court St	100' E of Clinton, south	1	
CBD	Court St	150' E of Clinton, south		10
CBD	Madison Square Dr	1 (National Museum of Pla	2	
CBD	Madison Square Dr	50' E of Chestnut, north		20
CBD	Madison Square Dr	1 (SNMofPlay Employee Pkg Entrance		6
CBD	Savannah St	so475 Broad St	10	4
CBD	Savannah St	op so475 Broad St		6
CBD	Chestnut St	op Euclid St	2	
CBD	N Chestnut St	169	3	
CBD	Chestnut St	50' N of Euclid, west		1
CBD	Delevan St	39	4	
CBD	Delevan St	135	3	
CBD	Delevan St	75' W of Gibbs St, south	1	
CBD	Woodbury St	200' W of Chestnut, north	8	
CBD	Woodbury St	op 75	1	
CBD	Woodbury St	100' N of Clinton, east		9
CBD	South Av Extension	back of 250 South Av	4	
CBD	St Mary's Pl	50' E of Woodbury, south	5	
CBD	St Mary's Pl	30' W of Capron, south	1	
CBD	St Mary's Pl	100' S of Court St, west		9
CBD	St Mary's Pl	100' N of Woodbury, west		7
CBD	Stone St	op49	2	
CBD	Stone St	100' S of Main St	3	
CBD	Stone St	49	28	
CBD	Stone St	63	2	
CBD	Inner Loop Entrance,	50' E of Chestnut, north		5
CBD	Back of 225 Chestnut (ESL)			

Section	Street Name	Address	5" count	7" count
CBD	Gable Al	19	1	
CBD				
CBD	Scio St	50' N of University, east		4
CBD	Scio St	40' S of Delevan St, west		5
CBD	Scio St	100' S of Delevan, west		5
CBD	University Av	200	3	9
CBD	University Av	op145	2	6
CBD	University Av	50		2
CBD	University Av	33		4
CBD	University Av	39	2	
CBD	University Av	so185 Gibbs St, south	2	
CBD	University Av	so174 Gibbs St, south	4	
CBD	University Av	85	3	3
CBD	University Av	99		3
CBD	University Av	145		5
CBD	Windsor St	65		3
CBD	Windsor St	op34	1	
CBD	Windsor St	op30	3	
CBD	Windsor St	50' N of Main St, west	3	
CBD	Windsor St	20		7
CBD	Windsor St	30		3
CBD	Windsor St	34		5
CBD	Windsor St	56	5	
CBD	Windsor St	op65		3
CBD	Grove Pl	3	1	
CBD	Swan St	200' N of East Av, east	5	
CBD	Swan St	32	4	
CBD	Swan St	36	4	
CBD	Swan St	100' S of Main St	7	
CBD	Swan St	op27 Gibbs St	16	
CBD	Swan St	10'S of Barretts Pl, west		10
CBD	Gibbs St (University to Main)	185		4
CBD	Gibbs St (University to Main)	173	2	
CBD	Gibbs St (University to Main)	165	4	
CBD	Gibbs St (University to Main)	157		3
CBD	Gibbs St (University to Main)	153	1	
CBD	Gibbs St (University to Main)	141	1	3
CBD	Gibbs St (University to Main)	135	2	
CBD	Gibbs St (University to Main)	125	2	5

Section	Street Name	Address	5" count	7" count
CBD	Gibbs St (University to Main)	op so444 E Main St (YMCA)		6
CBD	Gibbs St (University to Main)	100 (HCR)		4
CBD	Gibbs St (University to Main)	136	2	
CBD	Gibbs St (University to Main)	164	3	
CBD	Seldon St	11		2
CBD	Seldon St	17		4
CBD	Seldon St	14	3	
CBD	Seldon St	op5	1	
CBD	Grove St	so150 N Chestnut St	2	
CBD	Grove St	op74	2	
CBD	Grove St	so24		4
CBD	Grove St	so60		2
CBD	Grove St	92	6	
CBD	Bittner St	60		14
CBD	Bittner St	300' E of St Paul, west		19
CBD	Bittner St	150' N of Andrews, west		7
CBD	Andrews St	430	3	
CBD	Andrews St	214	2	
CBD	Andrews St	207 (Cook Iron)		5
CBD	Andrews St	237		1
CBD	Andrews St	239	1	
CBD	Andrews St	20' W of Clinton, south	2	
CBD	Andrews St	333	2	12
CBD	Andrews St	so167 Liberty Pole Way		6
CBD	Andrews St	381		11
CBD	Liberty Pole Way	op70	2	
CBD	Liberty Pole Way	op so40 Franklin St	7	
CBD	Liberty Pole Way	NEC Achilles St		4
CBD	Liberty Pole Way	op127	1	
CBD	Liberty Pole Way	op133		3
CBD	Liberty Pole Way	op167	1	
CBD	Liberty Pole Way	167		13
CBD	Franklin Ct			2
CBD	Franklin St	20' N of Pleasant St (east)		1
CBD	W Main St	217	1	
CBD	W Main St	op 140	2	

Section	Street Name	Address	5" count	7" count
CBD	W Main St	103	4	4
CBD	W Main St	140		15
CBD	W Main St	158	5	5
CBD	W Main St	224	2	
CBD				
CBD	Exchange Blvd	99	1	
CBD	Exchange Blvd	op 99	3	
CBD				
CBD	St Paul St	195		12
CBD	St Paul St	143	4	
CBD	St Paul St	op 80		10
CBD	St Paul St	op 74	2	
CBD				
CBD	Bragdon Pl	so 57 St Paul St	16	
CBD				
CBD	Division St	50' W of N Clinton Av (sout	1	
CBD				
CBD	Pleasant St	20' W of Amity Al (north)	2	
CBD				
CBD	N Clinton Av	154	3	
CBD	N Clinton Av	175	11	5
CBD	N Clinton Av	75	2	

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