

REPORT OF CITY ENGINEER
ON
PROPOSED STREET IMPROVEMENTS AND SPECIAL ASSESSMENTS
2015 STREET CONSTRUCTION
CITY OF STOUGHTON, WISCONSIN

STRAND ASSOCIATES, INC.
Consulting Engineers
910 West Wingra Drive
Madison, WI 53715

APRIL 2015

In accordance with Resolution No. R-59-2015 of the Common Council of the City of Stoughton, dated April 14, 2015, and acting on behalf of the City of Stoughton as City Engineer, we herewith submit the following report on proposed assessments for street, sidewalk, driveway aprons, and drainage improvements within the project area described below and as shown on Schedule A of this report.

1. Washington Street from Water Street to Division Street.
2. Fifth Street from Main Street to North Street.
3. South Alley from Division Street to Forrest Street.
4. Industrial Circle from Ortega Drive to Commerce Road.
5. Chapin Lane from Roby Road to Devonshire Road.
6. Brewer Court from Eisenhower Road to the end

This report consists of the following schedules attached hereto:

- Schedule A – Plans and specifications for proposed improvements.
- Schedule B – Estimate of the entire cost of the proposed improvements.
- Schedule C – Table of proposed assessments against each parcel in the project area.

The properties listed in Schedule C are those for which proposed assessments are to be made under the City's police power as provided for under Section 66.0703, Wisconsin State Statutes. These properties are benefited by the proposed improvements as said improvements will provide properties with new curb and gutter, sidewalk, driveway apron, and drainage improvements/storm sewer connections.

The proposed assessments have been made on the basis of, and applied to, all properties adjacent to the new curb and gutter in the project area. In accordance with Chapter 64 of the City's Code of Ordinances, the City's share of related project costs shall be as follows:

1. Half of the cost for curb and gutter.
2. Half of the cost for sidewalk.
3. Full cost of sidewalk ramps at intersection radii.

Individual property owners shall be assessed all remaining project costs, including the following:

1. Half of the cost for curb and gutter.
2. Half of the cost for sidewalk.
3. Full cost of driveway aprons.
4. Full cost of private sidewalk (carriage walks).
5. Full cost of private drainage improvements/storm sewer connections.
6. Full cost of private asphalt pavement replacement (South Alley).

Respectfully Submitted,

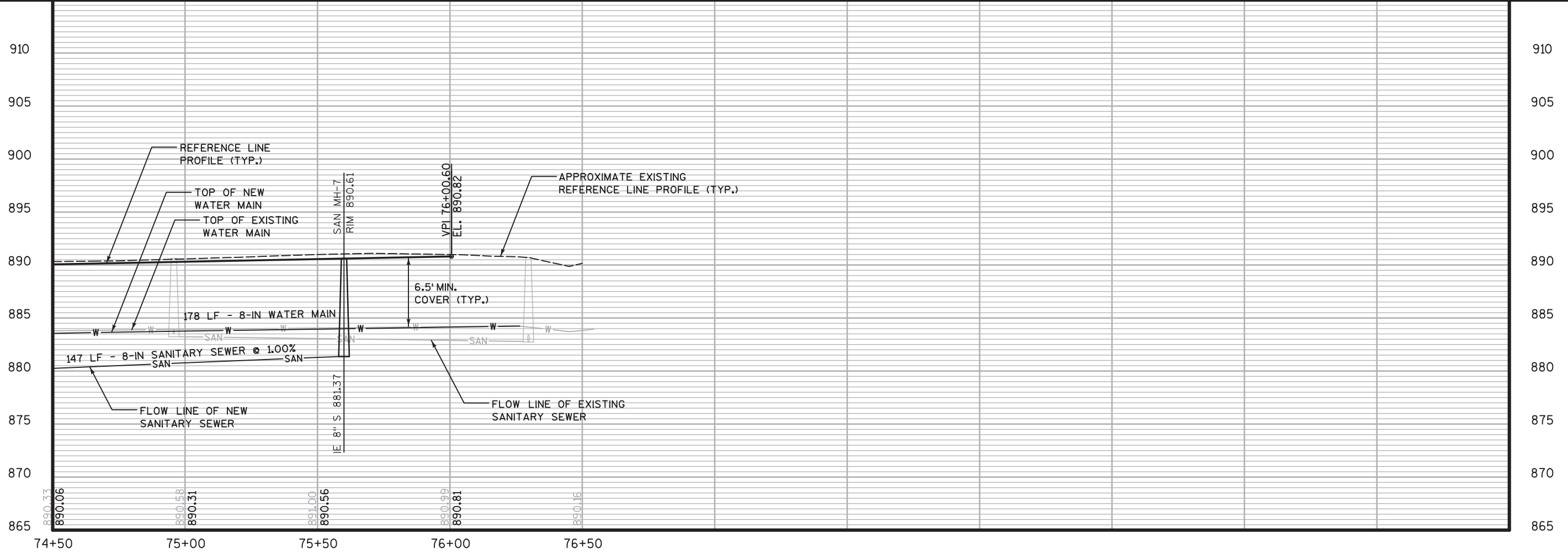
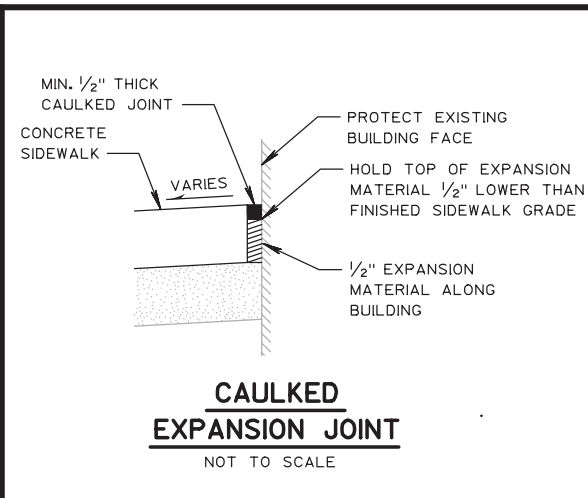
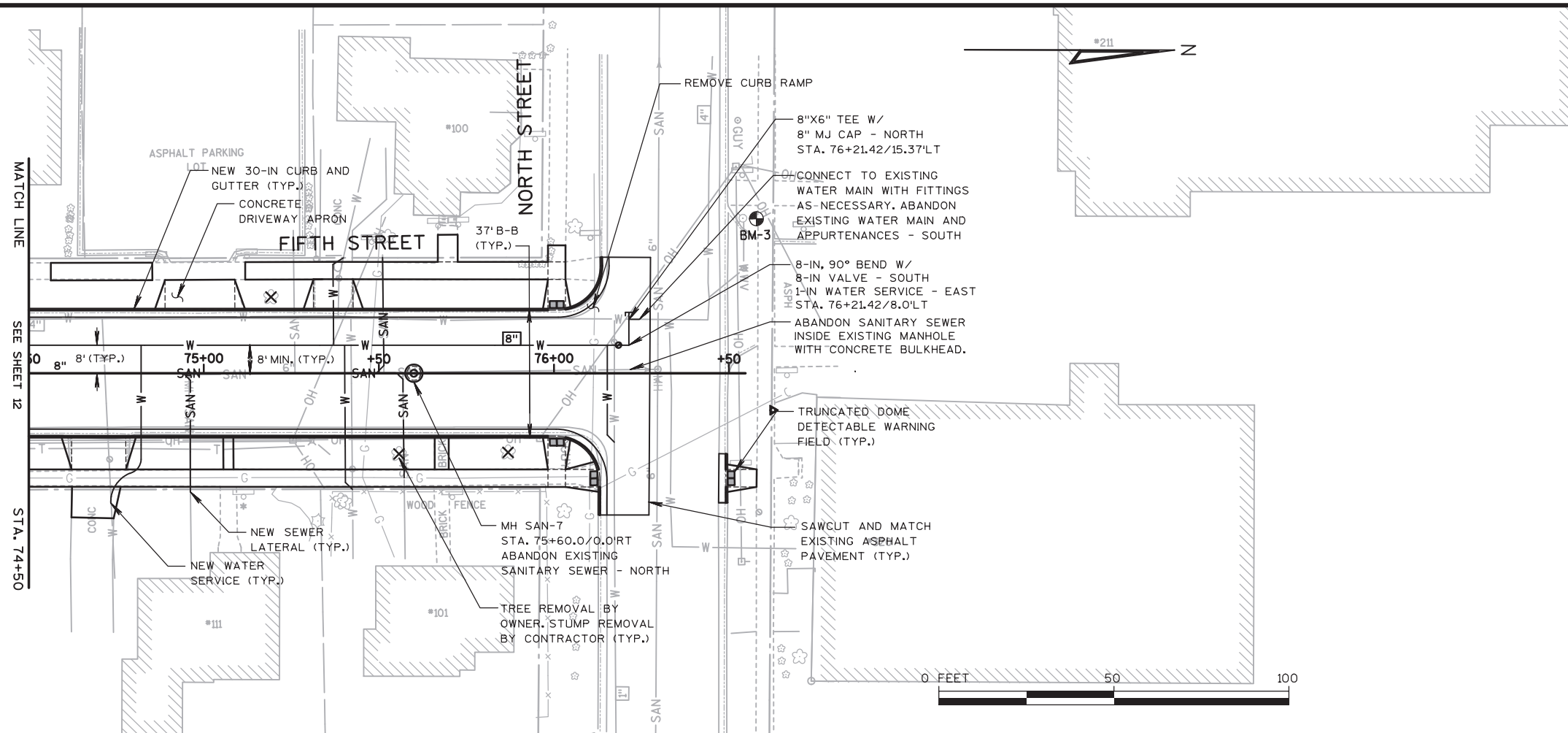
STRAND ASSOCIATES, INC.



Mark A. Fisher, P.E.

SCHEDULE A

CONCRETE CURB AND GUTTER, DRIVEWAY, SIDEWALK, AND RETAINING WALL
CONSTRUCTION AND RESTORATION SPECIFICATIONS
AND
PRELIMINARY PLANS FOR PROPOSED IMPROVEMENTS



NO.	REVISIONS	DATE

**FIFTH STREET
PLAN AND PROFILE**
WASHINGTON STREET AND FIFTH STREET RECONSTRUCTION
CITY OF STOUTHTON
DANE COUNTY, WISCONSIN

JOB NO.
1040.088
PROJECT MGR.
MAF



SHEET
13

SECTION 6–STREET EXCAVATION, GRADING AND BASE COURSE

6.1 GENERAL

The Work under this section includes all clearing, grubbing, excavation, grading, base course, and other miscellaneous items of Work required for restoration of utility construction Work and for street construction as shown on the Drawings and included in the Specifications.

Unless otherwise specified, all street construction Work shall conform to the WisDOT Specifications as amended herein. Street construction shall mean street, roadway, parking lot, driveway, and similar type construction.

See **SPECIAL PROVISIONS** for availability of water for use in street construction.

6.2 CLEARING AND GRUBBING

In general, allowable tree removals shall be those trees which are necessary to remove for utility and street construction within the right-of-way or easement areas. Actual allowable tree removals will be determined in the field by ENGINEER. All trees and brush outside the right-of-way or easement areas shall be protected by CONTRACTOR, unless otherwise allowed by ENGINEER.

For utility construction, trees and brush to be removed outside the immediate trench area shall be cut flush with the ground surface or pushed over for all brush and for all trees 12-inch Diameter Breast Height (DBH) or less measured 4.5 feet aboveground. Trees in excess of 12-inch DBH shall be cut to within 6 inches of the ground surface. A basal application of herbicide shall be applied to all remaining stumps to prevent the development of suckers. Trees that are pushed over shall have their stumps removed and disposed of off-site.

Trees and brush, including stumps within the trench area and within areas of street, sidewalk, bike path and driveway construction shall be removed from the site and disposed of.

6.3 COMMON EXCAVATION

All street excavation shall be performed as called for in Section 205 of the WisDOT Specifications and as herein modified.

The following items of Work shall be included in common excavation:

- a. The excavation to subgrade elevations as detailed in the Drawings including road bed areas, terraces, sidewalks, bike paths, driveways, and other miscellaneous surface improvements.
- b. Removal (and stockpiling, if the use of salvaged topsoil is required) of topsoil from all cut areas and fill areas within a 1:1 slope of finished street, sidewalks, bike paths, driveways, and other miscellaneous surface improvements.
- c. The preparation, grading, compaction, and proof-rolling of subgrade areas for roadbed, sidewalks, bike paths, driveways, and other miscellaneous surface improvements to the elevations detailed on the Drawings.
- d. Excavation and grading required to realign and/or create ditch lines and drainage ways to route drainage to or from storm facilities as shown on the Drawings, or as necessary to maintain positive drainage.

- e. Removal of temporary backfill placed in new utility trenches above the subgrade.
- f. The removal and disposal of all undesirable and surplus materials.

Common excavation may be completed as part of utility construction prior to initiating general street excavation activities.

All subgrade areas in streets and parking lots, including utility trench restoration areas, shall be proof-rolled with a heavily loaded triaxle dump truck or other similar equipment requested by ENGINEER prior to the placement of any fill materials or base course. ENGINEER must be present during proof-rolling to review the Work necessary for the stabilization of any unstable areas identified.

Saw cuts shall be made in existing pavement, driveways, curb and gutter, and sidewalks to allow restoration to neat straight lines. Saw cuts damaged during construction shall be recut prior to beginning restoration.

6.4 ROCK EXCAVATION, STREETS

Rock excavation for streets shall include removal of rock to subgrade elevations. Rock for excavation purposes shall be as defined in the Rock Excavation, Utilities section. Such rock shall be classified as undesirable backfill and disposed of in accordance with the Excavation to Grade section.

6.5 BORROW EXCAVATION

CONTRACTOR shall salvage suitable materials from utility and street construction activities to provide fill for street construction. Where sufficient quantities of materials suitable for street construction are not available from areas of the site, CONTRACTOR shall perform borrow excavation to make up the deficit in accordance with Section 208 of the WisDOT Specifications.

6.6 EXCAVATION BELOW SUBGRADE

ENGINEER may request the excavation of unsuitable materials in areas of unstable subgrade. The excavation of such materials, except in areas where CONTRACTOR has completed utility construction or placed street fill, shall be measured by ENGINEER for payment.

The excavation and replacement of unstable utility trench backfill and/or street fill placed by CONTRACTOR shall be at CONTRACTOR's expense.

Base course placed on unstable foundation shall be removed and replaced at CONTRACTOR's cost following excavation of the affected area.

Where requested by ENGINEER in the field, excavation below subgrade areas shall be lined with geotextile material and backfilled with 3-inch crushed stone dense graded base as specified herein.

6.7 GEOTEXTILES

Geotextile shall be placed as requested by ENGINEER to stabilize street subgrade areas. Construction fabric shall be Mirafi 600X, Propex 2006, or equal. Any alternate fabric must have ENGINEER's approval prior to use. Construction fabric shall be installed in accordance with the manufacturer's recommendations. Vibratory compaction shall not be used in the compaction of base course in areas where construction fabrics are used.

6.8 PREPARATION OF FOUNDATION

The subgrade shall be graded and rolled to provide uniform density and shall comply with the profile and cross sections contained in the Drawings. All Work shall comply with Section 211 of the WisDOT Specifications.

6.9 CRUSHED AGGREGATE BASE COURSE

Crushed aggregate base course shall consist of crushed stone and be furnished in accordance with Section 305 of the WisDOT Specifications. Crushed aggregate base course shall be placed directly on subgrade areas or on top of salvaged asphaltic millings. CONTRACTOR shall supply ENGINEER with a current sieve analysis of the material prior to use. The material furnished shall be uniformly graded and shall conform to ASTM C33.

For street construction, base course shall be placed to the thickness shown on the standard sections. Where standard sections are not provided, a minimum of 9 inches of base course shall be provided. Base course thickness for utility trench patches in street areas shall match existing base course thickness with 12 inches minimum. The top 4 inches of base course shall be 1 1/4-inch dense grade base. The remaining base course shall be 1 1/4-inch dense grade base **OR** 3-inch dense grade base. The term Breaker Run Stone where referred to in the Drawings, Specifications, and Bid, shall mean 3-Inch Crushed Stone Dense Graded Base, unless otherwise stated in the **SPECIAL PROVISIONS**.

The finished new base course shall be wetted, fine-graded, and compacted with a self-propelled hydrostatic-drive vibratory roller in preparation for placement of new pavement. CONTRACTOR shall maintain the finished surface until pavement is placed.

6.10 SALVAGED ASPHALT PAVEMENT BASE

Where required on the Drawings or in the **SPECIAL PROVISIONS**, CONTRACTOR shall salvage existing asphaltic pavement for use as base course for street construction and/or restoration. Work shall be completed in accordance with Section 306 and Section 325 of the WisDOT Specifications as amended herein.

Pulverized asphalt millings shall consist of asphalt pavement that has been pulverized in place to the full depth of existing pavement. Pulverized millings shall be graded and compacted to the grades established by ENGINEER prior to placement of new asphaltic pavement. Ninety-five percent (95%) of pulverized millings shall pass a 1 1/4-inch screen with all material less than 4 inches in its longest dimension.

Salvaged asphalt millings shall consist of asphalt pavement that has been milled and transported for use as base course for street construction and/or restoration. Ninety-five percent (95%) of salvaged millings shall pass a 1 1/4-inch screen with all material less than 4 inches in its longest dimension.

SECTION 7—CONCRETE CURB AND GUTTER, SIDEWALK, AND PAVEMENT

7.1 GENERAL

The Work under this division includes the construction or reconstruction of all concrete improvements required for utility or street construction as shown on the Drawings and as specified. CONTRACTOR shall schedule its Work to comply with the Traffic Control section of Division 1.

Unless otherwise specified, all street construction Work shall conform to the WisDOT Specifications as amended herein.

7.2 CONCRETE

All concrete shall conform to the requirements as called for in Section 501 of the WisDOT Specifications, unless otherwise specified. All concrete shall be normal set air-entrained concrete with water-reducing agent with Type 1 cement capable of producing a minimum compressive strength of 4,000 psi in 28 days. Concrete shall be Grade A-FA unless otherwise specified.

As soon after finishing operations as the free water has disappeared, the concrete surface shall be sealed by spraying on a uniform coating of curing material to provide a continuous water impermeable film on the entire concrete surface.

Liquid curing compounds shall conform to the requirements of AASHTO Designation M148, Type 2, White Pigmented.

The material shall be applied to form a uniform coverage at the rate of not less than 1/2 gallon per 100 square feet of surface area.

Within 30 minutes after the forms have been removed, the edges of the concrete shall be coated with the curing compound, applied at the same rate as on the finished surface.

CONTRACTOR shall erect and maintain suitable barricades to protect the new concrete. Where it is necessary to provide for pedestrian traffic, CONTRACTOR shall construct adequate crossings. Crossing construction shall be such that no load is transmitted to the new concrete.

Any part of the Work damaged or vandalized prior to final acceptance shall be repaired or replaced at the expense of CONTRACTOR.

Pedestrian traffic shall not be permitted over new concrete prior to 72 hours after application of curing material. Vehicular traffic shall not be permitted over newly placed concrete until a minimum compressive strength of 3,000 psi has been achieved.

When the atmospheric temperature exceeds 80°F during concrete placement, ACI 305.1 shall apply in addition to all other sections of the Specifications.

Cold weather concreting shall conform to the requirements of ACI 306.1 and all other sections of the Specifications. Cold weather is defined as a period when, for more than 3 successive days, the average daily temperature drops below 40°F. The average daily temperature is the average of the highest and lowest temperature during the period from midnight to midnight. When temperatures above 50°F occur during more than one-half of any 24-hour period, the period will no longer be regarded as cold weather.

The temperature of the delivered concrete shall not exceed 85°F.

Care shall be exercised to keep mixing time and elapse time between mixing and placement at a minimum. Ready-mix trucks shall be dispatched in a timely manner to avoid delay in concrete placement, and the Work shall be organized to use the concrete promptly after arrival at the jobsite.

The subgrade, forms, and reinforcing shall be sprinkled with cool water just prior to placement of concrete. Prior to placing concrete, there shall be no standing water or puddles on the subgrade.

If approved by ENGINEER, an admixture for retarding the setting of the concrete may be used.

Concrete shall be thoroughly tamped to remove all voids. The exposed surface shall be thoroughly troweled and finished with a brush at right angles to vehicular or pedestrian traffic. All edges shall be

rounded with a 1/4-inch-radius edger. Honeycombed areas shall be pointed and rubbed with mortar to provide a void-free surface.

Before final finishing, a 10-foot straight edge shall be used to check the surface. Any areas showing a variation of more than 1/4 inch from the straight edge shall be corrected. Final finishing shall be delayed a sufficient time so that excess water and grout will not be brought to the surface.

7.3 CURB AND GUTTER

Curb and gutter where required for street construction, site Work construction, or for restoration of utility construction shall be placed using forms or a machine to the dimensions and shape shown. Where curb and gutter details are not provided, curb and gutter shape and dimensions shall match existing adjacent curb and gutter. The base course beneath the curb and gutter shall be trimmed or filled as necessary to provide a full depth of curb and gutter as shown on the Detail Drawings. In the absence of Detail Drawings, depth shall be to the adjacent street subgrade with a minimum 4 inches. Prior to placement of concrete, the base shall be thoroughly compacted and moistened.

Where forms are used, they shall be of metal and of sufficient strength to resist distortion or displacement. Forms shall be full depth of the Work. Facing boards, if used, shall be built to obtain the cross section called for on the Detail Drawings. Forms shall be securely staked and held firmly to line and grade. Forms shall be cleaned thoroughly and oiled before reuse.

All curved curb and gutter shall form smooth curves and shall not be a series of chords. Radius forms shall be used for all curved curb and gutter where the radius of curvature is 100 linear feet or less.

Driveway openings in the curb line will be staked by ENGINEER in the field. The details for concrete gutter sections through a driveway are shown on the Detail Drawings.

A 3/4-inch expansion joint filler shall be placed through the curb and gutter at the radius points of all intersection curbs at storm inlets and at a maximum interval of 100 feet. This expansion joint filler shall extend through the entire thickness of concrete and shall be perpendicular to the surface and at right angles to the line of the curb and gutter.

At intervals of not more than 10 feet, a contraction joint shall be tooled to a depth of one-fifth of the total concrete thickness with a 1/4-inch-radius jointer. The contraction joint shall be at right angles to the line of the curb and gutter.

If machine-formed curb and gutter is placed by CONTRACTOR, CONTRACTOR shall create a plane of weakness at all joints that is sufficient to cause contraction cracking at the joints.

CONTRACTOR may saw contraction joints. The depth of cut shall be a minimum of one-fifth of the total concrete thickness. Sawing shall be done as soon as practicable after the concrete has set sufficiently to preclude raveling during the sawing and before any shrinkage cracking takes place in the concrete. If this results in random cracking, CONTRACTOR will be required to tool the contraction joints as specified above.

Steel separator plates of a section conforming to the curb and gutter as shown on the Detail Drawings shall be placed directly opposite all contraction joints in abutting street pavement. After separator plates have been removed, the edges of the joints shall be rounded with a 1/4-inch-radius edge. The use of steel separator plates at other locations will not be allowed.

7.4 CONCRETE SIDEWALK AND DRIVEWAYS

Concrete sidewalk and driveway construction required for a street or site work construction or for restoration of utility construction shall be placed using forms or machines to the dimensions and thicknesses shown. Where details are not provided, match existing, but sidewalks shall be no less than 5 inches thick and driveways shall be no less than 7 inches thick.

The subgrade shall be thoroughly compacted and finished to a trim firm surface. All soft or unsuitable material shall be removed and replaced with suitable material.

A minimum 4-inch-thick layer of sand, sand and gravel, or base course shall be placed under all sidewalks and driveways. This material shall be thoroughly moistened and compacted before the concrete is placed.

Where forms are used, they shall be of metal or wood and shall be of sufficient strength to resist distortion or displacement. They shall be full depth of the Work and shall be securely staked to hold the required line and grade. Where machines are used, concrete mixture shall be controlled to prevent distortion from sloughing.

Concrete sidewalk shall be segmented into 5-foot-long rectangular blocks with tooled joints. Concrete driveways shall be segmented into uniform rectangular blocks with tooled joints at a maximum spacing of 10 feet in each direction. The joint must extend at least one-fifth of the total thickness of concrete. The edges of the sidewalk along forms and joints shall be rounded with an edging tool of 1/4-inch radius. All joints shall be at right angles to the centerline of the sidewalk.

A 3/4-inch-thick expansion joint filler shall be placed at sidewalk-driveway intersections, at sidewalk-sidewalk intersections, at the intersection with new or existing curb and gutter, around all castings, and at maximum 50-foot intervals in sidewalks.

Sidewalk cross slope shall be 1/4 inch per foot unless otherwise noted in the Drawings or requested by ENGINEER. Handicap ramps shall have a maximum slope of 1:12 and be provided with a truncated dome patterned surface meeting ADA requirements.

7.5 CONCRETE PAVEMENT FOR ROADWAYS

All concrete pavement work shall be completed in conformance with Sections 415 and 416 of the WisDOT Specifications.

SECTION 8--ASPHALTIC PAVING

8.1 GENERAL

The Work under this division includes asphaltic concrete pavement and other miscellaneous items and Work required for utility or street construction as shown on the Drawings and included in the Specifications for paving.

Unless otherwise specified, all paving shall conform to the WisDOT Specifications as amended by these Specifications and by the **SPECIAL PROVISIONS**.

ENGINEER may request samples of asphaltic concrete for testing. CONTRACTOR shall cut samples from the finished pavement where requested by ENGINEER and patch the sample area. Samples for sieve analysis and asphalt content will be taken by ENGINEER prior to placement.

8.2 ADJUSTING CASTINGS

Where upper course paving is completed in the following construction season, castings shall initially be set to the finished lower course grade before lower course is placed. Where upper course paving and lower course paving are completed in the same construction season, castings shall be adjusted to final grade prior to paving.

Where adjustments are required, they shall not be made more than 48 hours prior to the anticipated time of paving. CONTRACTOR shall furnish Class 1 barricades with flashers on all adjusted castings until paving has been completed.

Internal chimney seals, where required, shall be installed after castings have been adjusted to finished grade.

Valve boxes shall be adjusted by turning the box. The valve box shall be seated on the adjusting threads to prevent future settlement. The box shall be adjusted to conform to the finished pavement and shall be plumb to allow valve operation. OWNER shall be contacted by CONTRACTOR to check operation of valve after box adjustment and prior to paving.

8.3 ASPHALTIC CONCRETE PAVING

This Work shall include the construction of asphaltic concrete surface course for areas to be paved including utility trench restoration and new street construction. All Work shall be performed in accordance with Sections 450, 455, 460, and 465 of the WisDOT Specifications and as modified by **SPECIAL PROVISIONS**.

Asphaltic concrete pavement shall be Type E-1.

Asphaltic binder for lower course and upper course shall be PG 64-22 meeting Section 455 of the WisDOT Specifications unless specified otherwise in the **SPECIAL PROVISIONS**.

Aggregate for the lower courses (2 inches or thicker) shall be 19 mm (3/4 inches) nominal. Aggregates for lower courses (less than 2 inches thick) and for upper courses shall be 12.5 mm (1/2 inch) nominal.

Prior to the commencement of paving, mix designs and aggregate sieve analysis shall be submitted to ENGINEER.

The pavement structure for street areas and driveways shall be in accordance with the standard sections. Where standard sections are not provided, the minimum pavement structure shall consist of 2 1/4 inches of asphaltic concrete lower course material and 1 3/4 inches of asphaltic concrete upper course for street and parking lot construction and 2 1/2 inches of upper course material for bike paths, sidewalks, and asphalt driveways. Pavement thickness for trench restoration shall match adjacent pavement thickness or minimum thickness as specified for street construction, whichever is greater.

8.4 TACK COAT

Unless otherwise specified in the **SPECIAL PROVISIONS** or shown on the Drawings, CONTRACTOR shall provide tack coat between all layers of new asphalt and on existing pavement to be overlaid with new asphalt. Tack coat shall meet the requirements of Section 455 of the WisDOT Specifications.

8.5 PAVEMENT STRIPING

Where required on the Drawings or in the **SPECIAL PROVISIONS**, CONTRACTOR shall provide painted pavement markings.

SECTION 12–SPECIAL PROVISIONS

The following modifies, expands, or clarifies the Standard Specifications for Utility and Street Construction. Reference is made in this Section 12 to the specific provision of the Standard Specifications being clarified, modified, or expanded. These **SPECIAL PROVISIONS** shall govern whenever there is conflict or discrepancy with the Standard Specifications and the WISDOT Specifications.

12.1 1.2 PIPE

The following pipe materials shall be used on the Project:

Pipe Application	Material
Water Main	Ductile Iron Class 52
Water Services and Piping for Miscellaneous Connections Such as to Pressure Gauges	Copper
Fittings for PVC and DI Pipe Used on Water Main	Ductile or Cast Iron
Sanitary Sewer and Laterals (15-IN DIA and Smaller)	PVC SDR 35 ASTM D3034
Storm Sewer	Reinforced Concrete Pipe (RCP)

12.2 1.2.9 IRON PIPE AND FITTINGS

Water main pipe material shall be Class 52 ductile iron as specified in Section 1.2.9.

All water main shall be provided with polyethylene encasement in accordance with ANSI/AWWA C105, 8 mil minimum thickness.

All water main shall be provided with continuity straps. CONTRACTOR shall furnish all equipment, labor, and miscellaneous items necessary to perform electrical continuity tests on all new water main installed. Tests shall be performed using an ohm meter to ensure that electrical continuity exists across all joints and fittings. CONTRACTOR shall make all necessary repairs to establish electrical continuity across joints, valves, and fittings. Costs shall be included in the unit price bid for water main.

12.3 1.2.16 PIPE RESTRAINT

Fittings are to be ductile iron as specified in Section 1.2.9. Fittings shall be mechanical joint Class 350 with Megalug joint restraint in addition to rodding or thrust blocking.

12.4 1.3 VALVES

The following valves shall be used on the Project:

Valve Applications	Type
Water Main ≤12 inches	Resilient Wedge Gate Valves

Water main valves shall be resilient wedge gate valves, Mueller A-2360-20 R.S. or American Flow Control Series 2500 R.S. Valve boxes shall be three-piece cast iron, screw-type, 5 1/4-inch shaft with nontip cover marked "WATER," Tyler 6860, or equal.

12.5 1.3.6 CORPORATION STOPS, CURB STOPS, AND TAPPING SADDLES

Water services shall be 1-inch diameter Type K copper tubing unless otherwise shown.

Corporation stops shall be H-15008. Curb stops shall be Mueller H-15209. Curb boxes shall be arch pattern, Mueller H-10385 complete with stationary rod. All fittings shall be compression-type.

Curb stops shall be located approximately mid-way between the curb and gutter unless otherwise requested by ENGINEER in the field. Avoid installing curb stops/curb box near gas mains.

12.6 1.3.7 FIRE HYDRANTS

Fire hydrants shall be Waterous Pacer WB-67. Color shall be red. Provide required bury length or barrel extensions to meet the elevations shown on the drawings. Fire hydrants shall be furnished with FlexStake hydrant flags, or equal.

12.7 1.4 PRECAST CONCRETE MANHOLES

Adjusting rings for new sanitary sewer manholes shall be round high density polyethylene (HDPE) adjusting rings manufactured by Ladtech, Inc., or equal. All adjustment for matching street slope shall be accomplished using a molded and indexed slope ring of the same material. Provide approved butyl sealant between adjusting rings as recommended by manufacturer.

Mac wrap external joint wrap as manufactured by Mar Mac Manufacturing shall be installed on the exterior joints of all new sanitary sewer manholes. Joint wrap shall include internal securing straps and shall meet ASTM C-877 standards. Cost for joint wrap shall be included in the unit price bid for new manholes.

12.8 1.7 MANHOLE AND INLET CASTINGS

Sanitary sewer manhole castings shall be Neenah R-1550-A as specified in Section 1.7 with Type B self-sealing, nonrocking lid and concealed pick holes.

Storm sewer manhole castings (including 30-inch catch basin in the South Alley) shall be Neenah R-1550-A as specified in Section 1.7 with Type D open grate, non-rocking lid. Casting for 12-inch diameter catch basin on Washington Street shall be designed to fit in pipe bell.

Inlet castings shall be Neenah R-3067 with Type L vane grates where grades exceed 1 percent and Type R grates where grades are less than 1 percent or a sump condition exists.

Castings for inlets in South Alley shall be Neenah R-3357-A with Type C grate.

Existing castings shall be salvaged to OWNER.

12.9 4.3 BEDDING AND COVER

Bedding and cover for ductile iron water main shall be Class B and shall conform to Gradation Size 57.

Bedding and cover for PVC sanitary sewer shall be in accordance with the Thermoplastic Pipe Bedding Detail on Drawing 01-975-43A and shall conform to Gradation Size No. 57.

12.10 5.2 GRANULAR BACKFILL

In areas requested by ENGINEER in the field, trench excavations shall be backfilled with hauled-in granular backfill. Limestone screenings or crusher dust is not acceptable for use as granular backfill. Payment for hauled-in granular backfill will be made according to the unit price bid.

12.11 5.4 BACKFILL CONSOLIDATION

All backfill materials shall be compacted to a minimum of 95% of the maximum dry density within 3 feet of subgrade elevation and to within 90% of the maximum dry density in all other areas. Density shall be measured by the Modified Proctor Test. CONTRACTOR shall reimburse OWNER for all costs of retesting compaction if the initial testing does not meet the specified compaction.

12.12 5.5 MAINTENANCE OF SURFACE

CONTRACTOR shall provide and maintain a temporary surface over all utility trenches to accommodate local traffic and emergency vehicles. All necessary labor, materials, equipment, and miscellaneous items shall be considered incidental.

12.13 6.9 CRUSHED AGGREGATE BASE COURSE

Base course thickness shall be 12 inches minimum. The lower 6 inches of base course shall be 3-inch dense graded base course and the upper 6 inches of base course shall be 1 1/4-inch dense-graded base course. If desired, CONTRACTOR may use 3/4-inch dense-graded base course for fine grading purposes. Undercut (EBS) backfill shall be 3-inch dense-graded base course unless otherwise requested by ENGINEER in field.

12.14 8.3 ASPHALTIC CONCRETE PAVING

All pavement shall be cut on neat, straight lines and shall not be damaged beyond the limits of the excavation. Should the cut edge be damaged, a new cut shall be made in neat, straight lines parallel to the original cut encompassing all damaged areas. Pavement removal shall be extended to a seam or joint if seam or joint is within 3 feet of damaged pavement.

Asphaltic concrete pavement for streets shall be Type E-1 with 19.5 mm nominal aggregate in the lower layer, 12.5 mm nominal aggregate in the upper layer. Asphalt thickness for streets shall be 2 1/4 inches for lower layer and 1 3/4 inches for upper layer.

Asphalt binder material shall be PG 58–28.

Pavement for asphaltic concrete pavement will be made according to the unit price bid.

12.15 9.1 TURF RESTORATION

Payment for lawn restoration in all terrace and yard areas disturbed during construction will be made according to the lump sum prices bid for Turf Restoration. Price bid shall include hauled-in topsoil, seed, and erosion mat as shown and as specified herein. Seed mix shall be WisDOT Seed Mix No. 40. CONTRACTOR shall be responsible for the initial 2 weeks of watering.

12.16 10.3 TRAFFIC CONTROL

CONTRACTOR shall comply with the requirements of Section 01560 and the traffic control/detour drawing. All costs for traffic control shall be included in the lump sum price bid for traffic control.

12.17 10.4 EROSION AND SEDIMENT CONTROL

CONTRACTOR shall provide inlet protection at all existing inlets within the project area and also immediately downstream from the construction site. All inlet protection shall be type D conforming to Drawing 01-975-110A. CONTRACTOR shall provide all other erosion control measures necessary during the course of construction, including but not limited to, silt fence, dust control, clear stone tracking pads at construction entrances and cleaning of streets with mechanical sweeping at the end of each workday.

Erosion control shall be paid for at the Lump Sum Price Bid.

12.18 11.18 COMMON EXCAVATION

CONTRACTOR shall be responsible for making its own determination of the common excavation quantity when compiling the Lump Sum Bid.

12.19 GRADE STAKES AND RODMAN

CONTRACTOR shall furnish a rodman to assist ENGINEER with construction staking and grade checks. CONTRACTOR shall also furnish ENGINEER with hardwood grade stakes and lathe for all construction staking.

12.20 EXISTING UTILITIES

It shall be CONTRACTOR's responsibility to verify the locations of all utilities prior to commencing with construction. It shall be CONTRACTOR's responsibility to protect all existing utilities from damage as a result of construction operations. All utilities damaged as a result of CONTRACTOR's equipment or methods shall be replaced at CONTRACTOR's expense.

12.21 UTILITY COORDINATION

Where existing gas, electric, telephone, cable lines or poles, and/or appurtenances conflict with the installation of the proposed utilities shown on the drawings, CONTRACTOR shall coordinate with the affected utility and/or OWNER to resolve the conflict including, but not limited to, temporary and/or permanent relocation of the affected lines, poles, and/or appurtenances. CONTRACTOR shall provide a minimum 24-hour notice to Stoughton Utilities for holding utility poles. Cost for resolving these conflicts shall be incidental to the work being performed.

12.22 PROVIDING NOTICE

CONTRACTOR shall provide a minimum of 7-day advance written notice of planned construction start date to all properties adjacent to the Work as well as OWNER and ENGINEER. CONTRACTOR shall also provide written notice to adjacent properties of schedule changes, updates, and critical construction dates such as paving. Written notice shall be delivered door-to-door or sent via US mail.

CONTRACTOR shall also provide a minimum 24-hour notice to Stoughton Water Utility and to all affected residents in advance of planned water service interruption. Notice shall include the estimated duration of disruption of service.

CONTRACTOR shall notify Stoughton Police Department, Fire Department, and EMS of construction schedule and provide routine updates of project status.

12.23 WATER MAIN FINAL FLUSHING

Final flushing shall be in accordance with AWWA C651. During final flushing, CONTRACTOR shall clear the water main of heavily chlorinated water. CONTRACTOR shall not discharge heavily chlorinated water to any storm sewers, ditches, or receiving streams prior to thoroughly neutralizing the residual chlorine. CONTRACTOR shall obtain all necessary permits from the Department of Natural Resources for disposal of flushing water. The cost of all work under this item shall be incidental to water main installation.

12.24 DEPTH OF COVER

Unless otherwise noted, the minimum depth of cover for water main and service laterals shall be 6-1/2 feet below the existing ground or the proposed future street grade, whichever results in the greater depth, unless otherwise noted on the drawings. Grade sheets will be furnished to CONTRACTOR by ENGINEER. Deviation from grade shall not exceed ± 0.1 feet. Special care shall be taken in installation to grade in the vicinity of existing and planned utility crossings.

12.25 CONNECTION TO EXISTING WATER MAIN

At location shown on the drawings, the new water main shall be connected to existing water main. Included in this work shall be the necessary excavation to expose the existing water main, installation of any fittings required in the existing and new main to allow the connections, installation of incidental water main, and all miscellaneous items of work necessary to complete the connection. New and existing mains shall be flushed immediately following connections. The location of existing main (in both plan and profile views) is approximate. CONTRACTOR shall locate existing mains prior to installing new mains to determine exact locations for line and grade of new mains. Connections of the new main to the existing main shall be made following testing and acceptance of the new main.

Request for water main depressurization should be made to the Stoughton Utilities Water Department. Advance notice of 48 hours will be necessary prior to the work. Existing valves and hydrants shall be operated only by utility personnel.

All costs for connections to existing water mains and related work shall be included in the prices bid for connect to existing water main.

12.26 SAW CUTTING

All sawcutting of pavements, driveways, and sidewalks shall be considered incidental to adjacent work.

12.27 EBS BACKFILL

Supplement to Section 6.6.

EBS measurement shall be from subgrade to vertical limit of EBS.

Undercut backfill material shall be 3-inch dense graded crushed stone base course in accordance with Section 305 of the Standard Specifications. Payment for undercut excavation and backfill will be made according to the various unit prices bid.

12.28 MANHOLE ADJUSTING RINGS

CONTRACTOR shall adjust manhole castings to new asphalt grade. For sanitary sewer, adjusting rings shall be round high density polyethylene (HDPE) adjusting rings manufactured by Ladtech, Inc., or equal. All adjustments for matching street slope shall be accomplished using a molded and indexed slope ring of the same material. Provide approved butyl sealant between adjusting rings as recommended by manufacturer.

12.29 UTILITY INSULATION

Utilities shall be insulated where requested by ENGINEER in the field or as shown on the drawings. Insulation shall be extruded polystyrene foam placed 2 inches thick, 4 feet wide, and 8 feet in length. Insulation shall be placed approximately 2 feet above the top of the pipe on compacted sand cover material. After insulation is placed, 12 inches of sand cover material shall be placed on the insulation and compacted. Care shall be taken not to damage the insulation while backfilling and compacting.

All costs for excavation, insulation, bedding, cover, backfilling, labor, and equipment shall be included in the unit price bid for utility insulation.

12.30 CONNECT NEW ROOF DRAIN LATERAL TO NEW STORM SEWER

CONTRACTOR shall connect new PVC roof drains to new storm sewer with Kor-n-tee, or equal flexible rubber boot and field-cored or factory-provided hole. Payment will be made according to the unit price bid.

12.31 EXISTING STREET SIGNS

Existing street signs in conflict with the proposed work shall be carefully removed, salvaged, and reinstalled by CONTRACTOR. CONTRACTOR shall be responsible for all temporary signs including stop signs.

12.32 LOCATING ACTIVE SANITARY SEWER LATERALS

CONTRACTOR shall determine by dye testing or other method, which sanitary laterals are active along the sewer to be replaced. CONTRACTOR shall determine active lateral prior to disconnection of any sanitary lateral to any customer. All costs for determining which sanitary laterals are active shall be incidental to the unit prices bid for Sanitary Sewer.

12.33 SANITARY SEWER LATERALS

CONTRACTOR shall field verify the size and location of all existing sanitary sewer laterals and provide the proper size of pipe for reconnection. Due to limited records Stoughton Utilities will not field locate sewer laterals. Exact locations of all sewer laterals must be determined by CONTRACTOR in the field.

Sanitary lateral replacement shall be either standard or modified as shown in Drawing 01-975-75A. The sanitary lateral shall not have a modified riser until the lateral has been placed beyond the curb and gutter or as requested by OWNER.

Act 425, Chapter 182.0715(2r) of the Wisconsin State Statutes requires all non-metallic sanitary sewer laterals installed within public right-of-way to be accompanied by permanent means of locating the lateral after initial installation. Stoughton Utilities has selected the 3M ScotchMark electronic Marker System as their standard for this purpose. This system consists of marker balls which after burial

provide a signal that can be detected with underground utility locating equipment. Marker balls shall be ScotchMark Electronic Ball Marker Model #1404-XR.

CONTRACTOR shall install a minimum of two marker balls per sanitary sewer lateral. Both markers shall be installed directly above the sanitary sewer lateral at a depth not exceeding 4 feet below finished ground surface. One marker shall be installed at the wye fitting on the sanitary sewer main and the other marker shall be installed above the sanitary sewer lateral at the right-of-way limits. Where applicable, markers shall also be installed at changes in direction of the sanitary sewer lateral. Markers shall be placed in accordance with the manufacturer's instructions.

Stoughton Utilities will furnish the required number of marker balls to CONTRACTOR. Marker balls can be obtained from Stoughton Utilities, 600 South Fourth Street in Stoughton. Prior to release of the marker balls, CONTRACTOR shall complete and sign a form which identifies the project name and the number of marker balls received. CONTRACTOR shall be responsible for the cost of all misplaced or damaged marker balls.

Prior to placement of asphalt, CONTRACTOR shall contact Stoughton Utilities to arrange for testing of the marker system. All installations that do not test properly must be redone by CONTRACTOR at no cost to Stoughton Utilities.

Costs for sanitary lateral replacement shall include all excavation, materials, labor, equipment, removals, disposals, connection to existing lateral, and miscellaneous items to complete the work. All connections to the existing sanitary laterals shall be by flexible couplings with 100% stainless steel straps and hardware. Payment shall be at the unit prices bid for wye fittings and sanitary sewer lateral.

12.34 BYPASS PUMPING

CONTRACTOR shall be responsible for managing wastewater flows in the existing sewer by providing adequate bypass pumping of the existing sanitary sewer system if necessary.

CONTRACTOR shall provide a pump capable of conveying all flow that passes through the sanitary sewer within the bypassed area. A backup pump capable of conveying all flow that passes through the existing sanitary sewer pipe within the bypass area shall be present on site during bypass pumping operations. A backup generator capable of powering the bypass pump, if not integral to the backup pump, shall be provided on site during bypass pumping operations.

CONTRACTOR shall continuously monitor bypass pumping equipment and connections. All hoses and connections shall be water tight and shall be monitored for leaks for the entire time that bypass pumping is being performed. CONTRACTOR shall repair any leaks, and shall contain the leaked material. CONTRACTOR shall notify OWNER and ENGINEER immediately following identification of a leak. CONTRACTOR shall be responsible for cleaning up any material that was leaked or spilled from bypass pumping operations.

CONTRACTOR shall provide all necessary traffic control items to prevent conflicts with traffic.

No bypass pumping shall occur during non-working hours or on Saturday or Sunday without prior approval by OWNER. CONTRACTOR shall submit a bypass pumping schedule to the OWNER prior to commencing bypass pumping operations. OWNER shall have the authority to prevent bypass pumping operations from occurring on a specific day or days if the OWNER decides that bypass pumping operations could conflict with community events, WWTP operations, or it could be detrimental to the Work. CONTRACTOR shall adjust bypass pumping schedule based on comments and/or restrictions from the OWNER at no cost to OWNER.

CONTRACTOR shall provide temporary connections between the existing sanitary sewer and the new sanitary sewer as necessary during construction to maintain flow and eliminate the need to bypass pump during non-working hours. Temporary connections shall be made using PVC, steel, concrete, or other suitable pipe material and shall incorporate Fernco, PVC, or other suitable coupling device to provide a water-tight, leak-free seal. The temporary connections shall be strong enough to pass all flow within the pipe. CONTRACTOR shall pre-approve the use of PVC wyes in the new interceptor when using the wye to maintain flow from the existing pipe to the new pipe. If PVC wyes are approved for use to maintain flow from the existing pipe to the new pipe, CONTRACTOR shall abandon the connection to the wye prior to the end of construction.

All costs for Bypass Pumping shall be included in the prices bid for the various items of work.

12.35 CONNECT NEW SANITARY SEWER TO EXISTING MANHOLE

As indicated on the drawings, the new sanitary sewer will be connected to an existing manhole. Connection shall include removal of the upper portion of the existing concrete encased PVC drop pipe, re-core of the 2000 vintage manhole to accommodate an 8-inch pipe (existing boot is for 6-inch pipe), and re-assembly of the upper portion of the drop pipe. Payment will be made according to the unit prices bid.

12.36 ABANDONING UTILITIES

Existing water mains to be abandoned shall be disconnected and plugged with a 2-foot concrete plug. At disconnection locations where the existing water main will be pressurized, the water main shall be capped with mechanical joint fittings with MEGALUG[®] and provided with joint restraint and positive reaction backing.

Existing fire hydrants to be abandoned shall be carefully removed and salvaged to OWNER.

Valves shall be abandoned by removing the valve box a minimum of 3 feet below finished grade and filling the remaining portion with compacted bedding stone. Valve manholes shall be abandoned by removing the upper 4 feet of the manhole and filling with bedding stone. Water services shall be abandoned by removing the upper portion of the curb box, followed by backfilling and restoration as required.

Sanitary sewer which will not remain in service and is not removed during installation of new utilities shall be abandoned in place with flowable fill. The upper 4 feet of manholes shall be removed and then backfilled with bedding stone.

Existing storm sewer and appurtenances which will not remain in service and is not removed during installation of new utilities shall be removed or abandoned in place. All manholes and inlets shall be removed. Trenches resulting from storm sewer removal shall be backfilled with hauled-in granular material, the cost of which shall be considered incidental. All storm sewer to be abandoned in place shall be filled with flowable concrete.

Payment will be made according to the lump sum prices bid for abandonment of existing facilities.

12.37 7.3 CURB AND GUTTER

Payment for curb and gutter removal and replacement as shown on the drawings or curb and gutter identified for removal by OWNER prior to construction will be made according to the various unit prices bid.

12.38 7.4 CONCRETE SIDEWALK AND DRIVEWAY APRON

Payment for replacement of concrete sidewalk and driveway aprons identified on the drawings for removal or identified for removal by OWNER prior to construction will be made according to the various unit prices bid for concrete sidewalk and driveway apron. Sidewalk shall be a minimum of 4 inches thick. Driveway aprons, sidewalks across driveways, and curb ramps shall be a minimum of 6 inches thick unless otherwise noted.

Truncated Dome Detectable Warning Panel inserts shall be cast iron with yellow powder coating finish, as manufactured by Neenah Foundry Co., Inc., or equal. Product shall be approved for use by the Wisconsin Department of Transportation. Truncated dome panels shall be installed at all disturbed handicapped ramps.

12.39 ASPHALT DRIVEWAY APRON

Placement and compaction of 3 inches of asphalt pavement for driveway aprons will be made based on the price bid and actual tonnage of asphalt materials placed for asphalt driveways. A minimum thickness of 6 inches of base course shall be placed under asphalt driveways.

12.40 PAVEMENT MARKINGS

Supplement to Section 8.5.

All pavement markings shall be epoxy in accordance with Section 646 and Section 647 of the Standard Specifications. CONTRACTOR shall be responsible for cleaning up all beads placed for pavement markings.

Payment for pavement markings will be made according to the various unit prices bid.

12.41 STRUCTURE CONDITION SURVEY–SOUTH ALLEY

Arrange with property owners adjacent to the South Alley in order to engage in a property damage survey before and after construction. Submit written reports to OWNER and ENGINEER to confirm a visual investigation of the buildings on these properties.

The following properties shall be included in the survey as specified herein:

- 317 Division Street.
- 111 Main Street.
- 121 Main Street.
- 118 Jefferson Street (Garage).
- 308 Forrest Street.
- 318 Forrest Street.

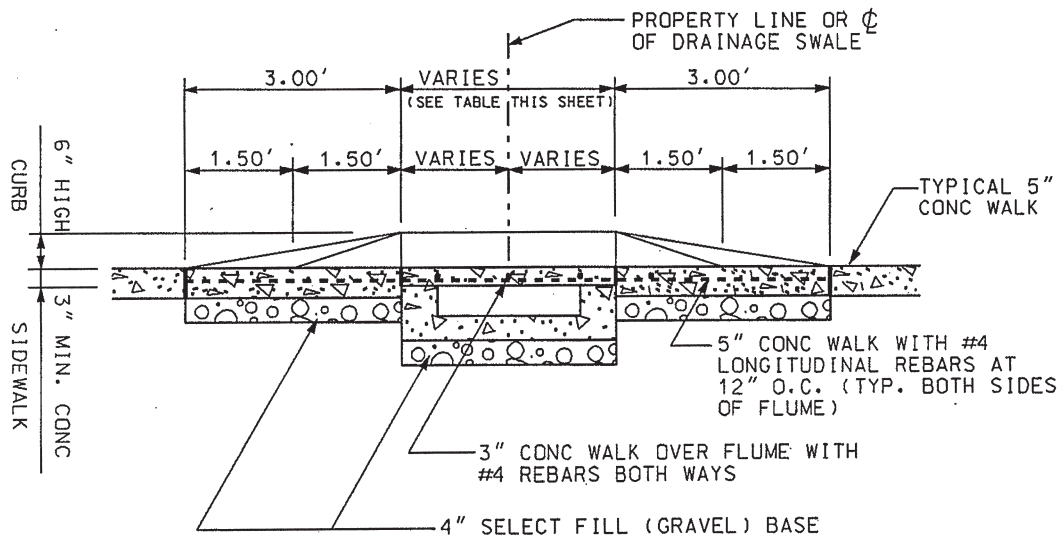
The investigation shall consist of visually inspecting and recording all existing defects in the structures. The structures shall be thoroughly inspected from top to bottom, inside and out. The report shall include names of inspectors, date of inspections, and descriptions and locations of defects. In addition, mark existing cracks in such a way that future observations would indicate whether cracks continue to open or spread. Photographs shall be used in verifying written descriptions of damaged areas. Arrange for professional photography capable of producing sharp, grain-free, high-contrast pictures with good shadow details for construction monitoring at the properties.

Before any construction, have record photographs taken of the portions of all the buildings affected by the proposed construction. Photographs shall be taken and developed so that details of the buildings will be clear and well defined. The intent is to procure a record of the general physical condition of the buildings' exterior walls and foundations. Camera location shall be changed for each of the photographs and shall be varied so that all portions of the buildings' exterior surfaces will be covered by the view. Catalog photo date, location, and other details.

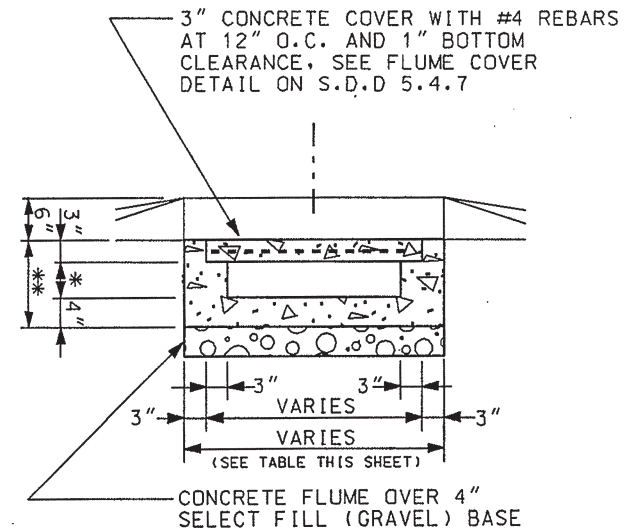
Conduct a second inspection of each affected property once construction is complete. Visually inspect and photograph each structure to verify the post-construction condition. Follow the same inspection procedures as outlined herein before for the pre-construction survey.

Structure Condition Survey will be paid for at the lump sum price bid.

END DIVISION 20



**DRAINAGE FLUME AT SIDEWALK
CROSS SECTION**



* DIMENSION VARIES, 5" AT SIDEWALK TO 3" AT CURB.

** DIMENSION VARIES, 12" AT SIDEWALK TO 10" AT CURB.

**DRAINAGE FLUME AT TERRACE
CROSS SECTION**

ON GRADE IMPERVIOUS AREA IN SQUARE FEET

OUTLET FLUME SIZE	COVER WIDTH	NO. OF LONG. REBARS	CLEAR FROM EDGE	CENTER SPACING	EQUIV. PIPE DIAM.	GRADE PER FOOT OF PIPE & FLUME			
						1/16"	1/8"	1/4"	1/2"
12"x3"	18"	2	3"	12"	4"	1,625	7,470	3,740	4,720
18"x3"	24"	2	6"	12"	6"	5,200	7,470	10,400	14,600
24"x3"	30"	3	3"	12"	8"	11,650	16,250	22,750	32,600
30"x3"	36"	3	6"	12"	10"	22,100	30,850	44,250	63,000
36"x3"	42"	4	3"	12"	12"	34,150	52,300	71,500	102,200

NOTE: INCREASE ROOF AREAS BY 25% PRIOR TO USING CHART

2004

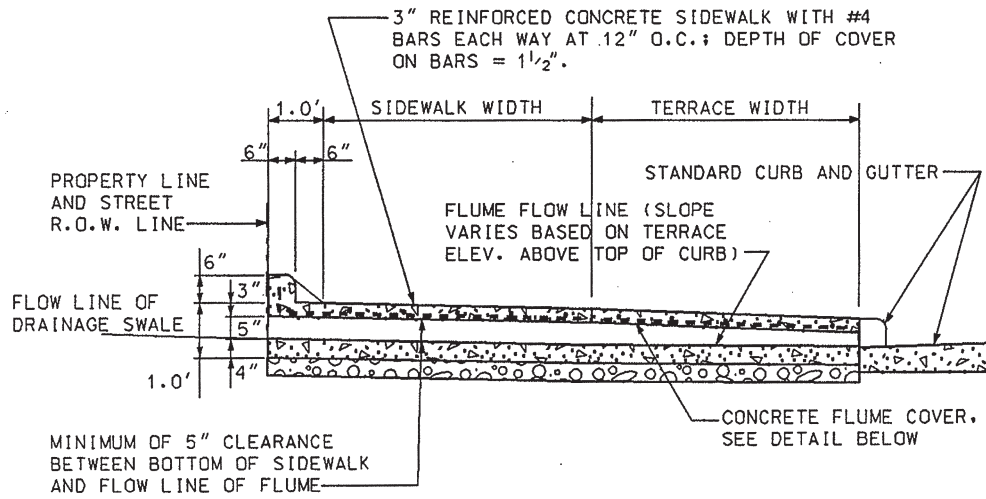
CITY OF MADISON
ENGINEERING DIVISION

**DRAINAGE FLUME
DETAIL**

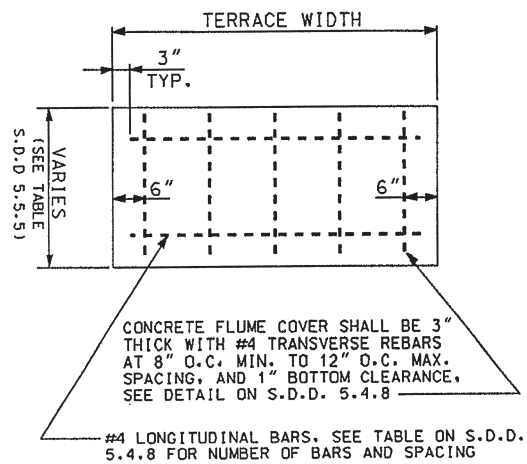
PLATE 2 OF 2

STANDARD DETAIL DRAWING 5.4.8

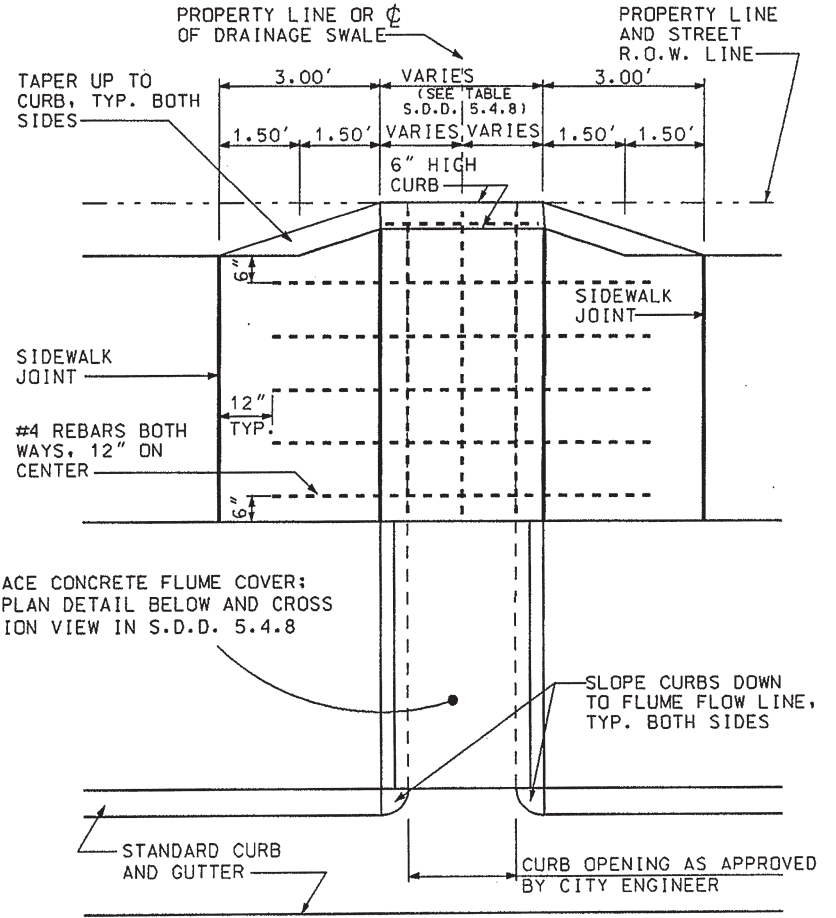
5.4.7



**DRAINAGE FLUME
LONGITUDINAL SECTION**



**TERRACE CONCRETE FLUME COVER
PLAN VIEW**



**DRAINAGE FLUME
PLAN VIEW**

NOTES:

1. A MINIMUM OF 2 SIDEWALK SECTIONS SHALL BE REMOVED AND REPLACED, UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.
2. ALTERNATE ALIGNMENTS OF TERRACE PORTION OF FLUME SHALL BE ALLOWED WITH THE PRIOR APPROVAL OF THE CITY ENGINEER.
3. ALL REINFORCING BARS SHALL BE EPOXY COATED.
4. SIDEWALK AND SIDEWALK CURBING TO BE POURED MONOLITHIC.

2004

CITY OF MADISON
ENGINEERING DIVISION

**DRAINAGE FLUME
DETAIL**

PLATE 1 OF 2

STANDARD DETAIL DRAWING 5.4.7

SCHEDULE B

ESTIMATE OF THE TOTAL COST OF PROPOSED IMPROVEMENTS

ENGINEER'S REPORT

SCHEDULE B2 - ESTIMATED COSTS
WASHINGTON STREET AND FIFTH STREET AND RECONSTRUCTION
AND
SOUTH ALLEY RECONSTRUCTION
CITY OF STOUGHTON

APRIL 2015

Washington Street and Fifth Street:

ITEM	UNIT OF MEASUREMENT	ESTIMATED CONSTRUCTION COST	ESTIMATED CONTINGENCY & ADMINISTRATIVE COST	TOTAL ESTIMATED PROJECT COST
Curb and Gutter	Linear Foot	\$15.25	\$1.52	\$16.77
4-inch Sidewalk	Square Foot	\$5.39	\$0.54	\$5.93
6-inch Sidewalk	Square Foot	\$6.39	\$0.64	\$7.03
6-inch Concrete Driveway Apron	Square Foot	\$5.39	\$0.54	\$5.93
Concrete Drainage Flume	Lump Sum	\$4,275.00	\$428.00	\$4,703.00
Catch Basin and Lateral to New Storm Sewer	Lump Sum	\$3,175.00	\$318.00	\$3,493.00

South Alley:

ITEM	UNIT OF MEASUREMENT	ESTIMATED CONSTRUCTION COST	ESTIMATED CONTINGENCY & ADMINISTRATIVE COST	TOTAL ESTIMATED PROJECT COST
Asphalt Pavement Replacement	Square Yard	\$59.37	\$5.94	\$65.31
Connect Roof Drain Lateral to Storm Sewer	Square Foot	\$850.00	\$85.00	\$935.00
6-inch PVC Roof Drain Lateral	Square Foot	\$75.00	\$7.50	\$82.50
Connect Downspout to Roof Drain Lateral	Square Foot	\$850.00	\$85.00	\$935.00

WASHINGTON STREET AND FIFTH STREET RECONSTRUCTION
 CONTRACT 2-2015
 CITY OF STOUGHTON, WISCONSIN
 ESTIMATE OF TOTAL PROJECT COST

Iverson Construction LLC
 2601 Iverson Road
 Stoughton, WI 53589

No.	Description	Quantity	Unit	Unit Price	Total Price
Sanitary Sewer					
1.	8-IN PVC Sanitary Sewer	1,120	LF	\$ 62.35	\$ 69,832.00
2.	4-FT DIA Sanitary Sewer MH	7	EA	\$ 2,635.00	\$ 18,445.00
3.	Connect New Sanitary Sewer to Existing Manhole	1	LS	\$ 725.00	\$ 725.00
4.	8-IN by 4-IN Sanitary Sewer Wye	15	EA	\$ 150.00	\$ 2,250.00
5.	8-IN by 6-IN Sanitary Sewer Wye	15	EA	\$ 165.00	\$ 2,475.00
6.	4-IN Sanitary Sewer Lateral	550	LF	\$ 40.80	\$ 22,440.00
7.	6-IN Sanitary Sewer Lateral	650	LF	\$ 42.30	\$ 27,495.00
8.	Install 8-IN by 6-IN Wye on Existing Sanitary Sewer	3	EA	\$ 655.00	\$ 1,965.00
9.	Hauled-In Granular Backfill	3,500	T	\$ 3.70	\$ 12,950.00
10.	Abandon Existing Sanitary Sewer and Appurtenances	1	LS	\$ 1,795.00	\$ 1,795.00
Water Main					
11.	8-IN DIA DI Water Main	1,800	LF	\$ 68.30	\$ 122,940.00
12.	6-IN DIA DI Fire Hydrant Lead	50	LF	\$ 75.80	\$ 3,790.00
13.	Fire Hydrant W/ Auxiliary Valve and Road Box	3	EA	\$ 4,985.00	\$ 14,955.00
14.	8-IN Valve and Road Box	7	EA	\$ 1,875.00	\$ 13,125.00

				Iverson Construction LLC 2601 Iverson Road Stoughton, WI 53589	
No.	Description	Quantity	Unit	Unit Price	Total Price
15.	Connect New Water Main to Existing Water Main	9	EA	\$ 1,230.00	\$ 11,070.00
16.	Connect Existing Water Service to New Water Main INCL Corporation Stop	4	EA	\$ 575.00	\$ 2,300.00
17.	1-IN Corporation Stop, Curb Stop, and Box	21	EA	\$ 425.00	\$ 8,925.00
18.	1-IN Water Service	850	LF	\$ 39.40	\$ 33,490.00
19.	2-IN Corporation Stop, Curb Stop, and Box	1	EA	\$ 1,245.00	\$ 1,245.00
20.	2-IN Water Service	20	LF	\$ 75.00	\$ 1,500.00
21.	Hauled-In Granular Backfill	2,200	T	\$ 3.70	\$ 8,140.00
22.	Abandon Existing Water Main and Appurtenances	1	LS	\$ 4,215.00	\$ 4,215.00
Storm Sewer					
23.	24-IN RCP Storm Sewer	42	LF	\$ 55.40	\$ 2,326.80
24.	18-IN RCP Storm Sewer	364	LF	\$ 46.60	\$ 16,962.40
25.	15-IN RCP Storm Sewer	825	LF	\$ 41.50	\$ 34,237.50
26.	12-IN RCP Storm Sewer	135	LF	\$ 40.05	\$ 5,406.75
27.	8-IN PVC Roof Drain Lateral	25	LF	\$ 35.00	\$ 875.00
28.	Connect New Roof Drain Lateral to New Storm Sewer	1	EA	\$ 850.00	\$ 850.00
29.	4-FT DIA Storm Sewer MH	9	EA	\$ 1,865.00	\$ 16,785.00
30.	2-FT by 3-FT Inlet	12	EA	\$ 1,285.00	\$ 15,420.00
31.	12-IN DIA Catch Basin W/ Poured Invert and In-Bell Grate	1	EA	\$ 1,450.00	\$ 1,450.00

				Iverson Construction LLC 2601 Iverson Road Stoughton, WI 53589	
No.	Description	Quantity	Unit	Unit Price	Total Price
32.	Abandon Existing Storm Sewer and Appurtenances	1	LS	\$ 2,295.00	\$ 2,295.00
33.	Hauled-In Granular Backfill	200	T	\$ 3.70	\$ 740.00
Street Construction					
34.	Common Excavation	1	LS	\$ 37,350.00	\$ 37,350.00
35.	Concrete Pavement Removal	3,000	SY	\$ 6.50	\$ 19,500.00
36.	Concrete Curb and Gutter Removal	3,800	LF	\$ 2.75	\$ 10,450.00
37.	Concrete Sidewalk and Driveway Apron Removal	1,800	SY	\$ 4.40	\$ 7,920.00
38.	Excavation Below Subgrade (EBS)	700	CY	\$ 9.95	\$ 6,965.00
39.	EBS Backfill	1,400	T	\$ 11.25	\$ 15,750.00
40.	Geotextile - Roadway Subgrade Stabilization	1,500	SY	\$ 2.00	\$ 3,000.00
41.	Crushed Aggregate Base Course	7,200	T	\$ 12.05	\$ 86,760.00
42.	30-IN Concrete Curb and Gutter	3,800	LF	\$ 12.50	\$ 47,500.00
43.	4-IN Concrete Sidewalk	11,000	SF	\$ 4.90	\$ 53,900.00
44.	6-IN Concrete Sidewalk	3,000	SF	\$ 5.90	\$ 17,700.00
45.	Asphaltic Concrete Driveway Apron	200	SF	\$ 6.00	\$ 1,200.00
46.	6-IN Concrete Driveway Apron	3,000	SF	\$ 4.90	\$ 14,700.00
47.	Cast Iron Truncated Dome Detectable Warning	264	SF	\$ 52.00	\$ 13,728.00
48.	Asphaltic Concrete Pavement-Lower Course	1,170	T	\$ 56.00	\$ 65,520.00

				Iverson Construction LLC 2601 Iverson Road Stoughton, WI 53589	
No.	Description	Quantity	Unit	Unit Price	Total Price
49.	Asphaltic Concrete Pavement-Upper Course	880	T	\$ 57.75	\$ 50,820.00
50.	36-IN Concrete Drainage Flume	1	LS	\$ 4,275.00	\$ 4,275.00
51.	Caulk Sidewalk/Building Foundation Joint	60	LF	\$ 5.00	\$ 300.00
Pavement Markings					
52.	18-IN White Epoxy Stop Bar	150	LF	\$ 7.35	\$ 1,102.50
53.	6-IN White Epoxy Cross Walk Line	1,100	LF	\$ 5.00	\$ 5,500.00
54.	18-IN White Epoxy Continental Style Crosswalk	100	LF	\$ 7.35	\$ 735.00
55.	Yellow Epoxy Curb Head Marking	400	LF	\$ 5.25	\$ 2,100.00
56.	4-IN White Epoxy Parking Stall Tee	50	EA	\$ 36.50	\$ 1,825.00
57.	4-IN Yellow Epoxy Parking Stall Line (Parking Lot)	400	LF	\$ 3.70	\$ 1,480.00

				Iverson Construction LLC 2601 Iverson Road Stoughton, WI 53589	
No.	Description	Quantity	Unit	Unit Price	Total Price
Miscellaneous					
58.	Utility Insulation	100	SF	\$ 1.95	\$ 195.00
59.	Traffic Control	1	LS	\$ 13,715.00	\$ 13,715.00
60.	Erosion Control	1	LS	\$ 5,575.00	\$ 5,575.00
61.	Temporary Erosion Control Mat (WisDOT Class I, Type A)	500	SY	\$ 1.10	\$ 550.00
62.	Turf Restoration (Topsoil, Seed and Mulch)	1	LS	\$ 18,500.00	\$ 18,500.00
63.	Tree Removal	2	EA	\$ 750.00	\$ 1,500.00
64.	Stump Removal	37	EA	\$ 250.00	\$ 9,250.00
ENGINEER'S COMPUTED TOTAL ITEMS NO. 1 THROUGH 64					\$ 1,002,780.95
CONTRACTOR'S COMPUTED TOTAL ITEMS NO. 1 THROUGH 64					\$ 1,002,780.95

* CONTRACTOR'S COMPUTED TOTAL

Reviewed by _____

SOUTH ALLEY RECONSTRUCTION
 CONTRACT 3-2015
 CITY OF STOUGHTON, WISCONSIN
 ESTIMATE OF TOTAL PROJECT COST

Iverson Construction LLC
 2601 Iverson Road
 Stoughton, WI 53589

No.	Description	Quantity	Unit	Unit Price	Total Price
Sanitary Sewer					
1.	8-IN PVC Sanitary Sewer	255	LF	\$ 160.00	\$ 40,800.00
2.	4-FT DIA Sanitary Sewer MH	2	EA	\$ 3,575.00	\$ 7,150.00
3.	8-IN by 6-IN Sanitary Sewer Wye	11	EA	\$ 270.00	\$ 2,970.00
4.	6-IN Sanitary Sewer Lateral	70	LF	\$ 110.00	\$ 7,700.00
5.	Hauled-In Granular Backfill	300	T	\$ 8.50	\$ 2,550.00
Storm Sewer					
6.	15-IN RCP Storm Sewer	370	LF	\$ 78.00	\$ 28,860.00
7.	12-IN RCP Storm Sewer	25	LF	\$ 91.00	\$ 2,275.00
8.	4-FT DIA Storm Sewer MH	2	EA	\$ 2,385.00	\$ 4,770.00
9.	30-IN DIA Catch Basin W/ Precast Bottom Slab and Top Slab	1	EA	\$ 2,000.00	\$ 2,000.00
10.	2-FT by 3-FT Inlet	4	EA	\$ 1,750.00	\$ 7,000.00
11.	6-IN PVC Roof Drain Lateral	120	LF	\$ 75.00	\$ 9,000.00
12.	Connect New Roof Drain Lateral to New Storm Sewer	12	EA	\$ 850.00	\$ 10,200.00
13.	Connect Existing Downspout to New Roof Drain Lateral	4	EA	\$ 850.00	\$ 3,400.00

				Iverson Construction LLC 2601 Iverson Road Stoughton, WI 53589	
No.	Description	Quantity	Unit	Unit Price	Total Price
14.	Hauled-In Granular Backfill	150	T	\$ 8.50	\$ 1,275.00
Street and Alley Reconstruction					
15.	Common Excavation–Street	1	LS	\$ 4,285.00	\$ 4,285.00
16.	Common Excavation–Alley	1	LS	\$ 11,475.00	\$ 11,475.00
17.	Excavation Below Subgrade (EBS)	250	CY	\$ 14.25	\$ 3,562.50
18.	EBS Backfill	500	T	\$ 15.75	\$ 7,875.00
19.	Geotextile–Roadway Subgrade Stabilization	100	SY	\$ 5.00	\$ 500.00
20.	7-IN Concrete Driveway Apron or Sidewalk Removal and Replacement	500	SF	\$ 7.50	\$ 3,750.00
21.	4-IN Concrete Sidewalk Removal and Replacement	200	SF	\$ 7.50	\$ 1,500.00
22.	30-IN Concrete Curb and Gutter Removal and Replacement	65	LF	\$ 38.00	\$ 2,470.00
23.	Crushed Aggregate Base Course–Street	400	T	\$ 15.75	\$ 6,300.00
24.	Crushed Aggregate Base Course–Alley	550	T	\$ 16.25	\$ 8,937.50
25.	Asphaltic Concrete Pavement–Lower Course–Street	80	T	\$ 65.00	\$ 5,200.00
26.	Asphaltic Concrete Pavement–Upper Course–Street	60	T	\$ 65.00	\$ 3,900.00
27.	Asphaltic Concrete Pavement–Lower Course–Alley	110	T	\$ 76.00	\$ 8,360.00
28.	Asphaltic Concrete Pavement–Upper Course–Alley	90	T	\$ 76.00	\$ 6,840.00
Miscellaneous					

				Iverson Construction LLC 2601 Iverson Road Stoughton, WI 53589	
No.	Description	Quantity	Unit	Unit Price	Total Price
29.	Structure Condition Survey	1	LS	\$ 2,750.00	\$ 2,750.00
30.	Traffic Control	1	LS	\$ 1,650.00	\$ 1,650.00
31.	Erosion Control	1	LS	\$ 2,510.00	\$ 2,510.00
ENGINEER'S COMPUTED TOTAL ITEMS NO. 1 THROUGH 31					\$ 211,815.00
CONTRACTOR'S COMPUTED TOTAL ITEMS NO. 1 THROUGH 31					\$ 211,815.00

* CONTRACTOR'S COMPUTED TOTAL

Reviewed by _____

SCHEDULE C

TABLES OF PROPOSED ASSESSMENTS AGAINST EACH PARCEL

Schedule C - Preliminary Assessments - Washington Street																																				
Parcel Number	Property Address	Owners Name	Owners Address	Owners City	Lot Description	Curb & Gutter			Percent Assessible	Assessed Costs	Sidewalk Replacement				Percent Assessible	Assessed Costs	Carriage Walk Replacement				Percent Assessible	Assessed Costs	Concrete Apron Replacement				Percent Assessible	Assessed Costs	Miscellaneous		Percent Assessible	Assessed Costs	Total Assessment			
						Length (Ft)	Unit Cost	Total Cost			Area (Sq. Ft.)	Thickness (inch)	Unit Cost	Total Cost			Area (Sq. Ft.)	Thickness (inch)	Unit Cost	Total Cost			Area (Sq. Ft.)	Thickness (inch)	Unit Cost	Total Cost			Area (Sq. Ft.)	Thickness (inch)				Unit Cost	Total Cost	Description
0511-082-1484-3	128 W WASHINGTON ST	ROBERT R HALVERSON	128 W WASHINGTON ST	STOUGHTON, WI 53589	ORIGINAL PLAT BLOCK 20 PRT LOT 4 BEG 33 FT W OF SE COR TH N 121.6 FT PARA TO E LN OF SD LOT 4 TO YAHARA RIVER TH SWLY 142.9 FT TO N LN WASHINGTON ST TH E 75.5 FT ALG N LN OF WASHINGTON ST TO POB SUBJ TO R/W OVER E 31/2 FT OF S 73	58.00	\$16.77	\$0.00	50%	\$ 486.33	13	4	\$5.39	47	6	\$7.03	\$400.48	50%	\$200.24					\$0.00	100%	\$0.00					100%	\$0.00	\$687			
0511-082-1494-1	120 W WASHINGTON ST	BLOCKED	120 W WASHINGTON ST	STOUGHTON, WI 53589	ORIGINAL PLAT BLOCK 20 PRT LOT 4 COM SE COR TH W 33 FT N 121.6 FT PAR E LN TO YAHARA RIVER NELY 13.6 FT ALG RIV TO PT 26 FT W OF NE COR SD LOT E 26 FT TO NE COR S 133 FT TO POB SUBJ TO ROW OVER W 3.6 FT OF S 73 FT AND INC A ROW OVER E 3.5	33.00	\$16.77	\$0.00	50%	\$ 276.71	10	4	\$5.39				\$53.90	50%	\$26.95					\$0.00	100%	\$0.00	50	6	\$5.39	\$269.50	100%	\$269.50		100%	\$0.00	\$573
0511-082-1505-7	116 W WASHINGTON ST	JANA R MEYERS	116 W WASHINGTON ST	STOUGHTON, WI 53589	ORIGINAL PLAT LOT 5 BLOCK 20	66.00	\$16.77	\$0.00	50%	\$ 553.41	24	4	\$5.39				\$129.36	50%	\$64.68	22	4	\$5.39	\$115.89	100%	\$115.89	64	6	\$5.39	\$342.27	100%	\$342.27		100%	\$0.00	\$1,076	
0511-082-1516-4	108 W WASHINGTON ST	RICHARD R GRANT, TENAYA V GRANT	108 W WASHINGTON ST	STOUGHTON, WI 53589	ORIGINAL PLAT LOT 6 BLOCK 20	66.00	\$16.77	\$0.00	50%	\$ 553.41	21	4	\$5.39	46	6	\$7.03	\$436.57	50%	\$218.29	21	4	\$5.39	\$110.50	100%	\$110.50	56	6	\$5.39	\$301.84	100%	\$301.84		100%	\$0.00	\$1,184	
0511-082-1537-9	100 W WASHINGTON ST	PHILIP CARAVELLO	225 E MAIN ST	STOUGHTON, WI 53589	ORIGINAL PLAT BLOCK 20 S 66 FT LOT 7	66.00	\$16.77	\$0.00	50%	\$ 553.41			\$5.39				\$0.00	50%	\$0.00	22	4	\$5.39	\$118.58	100%	\$118.58				\$0.00	100%	\$0.00		100%	\$0.00	\$672	
0511-081-2435-1	102 E WASHINGTON ST	LYNN L SAWALL	102 E WASHINGTON ST	STOUGHTON, WI 53589	ORIGINAL PLAT BLOCK 29 S 66 FT OF LOT 5 & W 33 FT OF S 66 FT LOT 6	99.00	\$16.77	\$0.00	50%	\$ 830.12	182	4	\$5.39	80	6	\$7.03	\$1,537.17	50%	\$768.59	28	4	\$5.39	\$148.23	100%	\$148.23	137	6	\$5.39	\$735.74	100%	\$735.74		100%	\$0.00	\$2,483	
0511-081-2446-8	110 E WASHINGTON ST	WIENCEK PROPERTIES LLC	114 E WASHINGTON ST	STOUGHTON, WI 53589	ORIGINAL PLAT BLOCK 29 PRT LOT 6 E 33 FT OF S 66 FT THF	33.00	\$16.77	\$0.00	50%	\$ 276.71	57	4	\$5.39				\$304.54	50%	\$152.27				\$0.00	100%	\$0.00	49	6	\$5.39	\$264.11	100%	\$264.11	Catch Basin and Drain Line	\$3,493.00	100%	\$3,493.00	\$4,186
0511-081-2457-5	118 E WASHINGTON ST	RICHARD R GOTTSCHALK	16 BEARTOWN RD	PORT CRANE NY 13833-1101	ORIGINAL PLAT LOT 7 BLOCK 29	66.00	\$16.77	\$0.00	50%	\$ 553.41	220	4	\$5.39	51	6	\$7.03	\$1,541.64	50%	\$770.82				\$0.00	100%	\$0.00	117	6	\$5.39	\$627.94	100%	\$627.94		100%	\$0.00	\$1,952	
0511-081-2468-2	126 E WASHINGTON ST	KIMBERLY E SMITH, SCOTT W SMITH	126 E WASHINGTON ST	STOUGHTON, WI 53589	ORIGINAL PLAT LOT 8 BLOCK 29	66.00	\$16.77	\$0.00	50%	\$ 553.41	31	4	\$5.39				\$167.09	50%	\$83.55	24	4	\$5.39	\$129.36	100%	\$129.36				\$0.00	100%	\$0.00		100%	\$0.00	\$766	
0511-081-2525-2	202 E WASHINGTON ST	KIMBERLEE L WALTER	202 E WASHINGTON ST	STOUGHTON, WI 53589	ORIGINAL PLAT BLOCK 30 LOT 5	66.00	\$16.77	\$0.00	50%	\$ 553.41	313	4	\$5.39				\$1,687.07	50%	\$843.54	23	4	\$5.39	\$123.97	100%	\$123.97				\$0.00	100%	\$0.00		100%	\$0.00	\$1,521	
0511-081-2536-9	210 E WASHINGTON ST	JAMAE A GRAMS, MICKY B RAMSDEN	210 E WASHINGTON ST	STOUGHTON, WI 53589	ORIGINAL PLAT LOT 6 BLOCK 30 SUBJ TO & TOG W/IT DRIVEWAY AGR MT IN DOC #3139541	66.00	\$16.77	\$0.00	50%	\$ 553.41	292	4	\$5.39	40	6	\$7.03	\$1,855.08	50%	\$927.54	32	4	\$5.39	\$172.48	100%	\$172.48	66	6	\$5.39	\$353.05	100%	\$353.05		100%	\$0.00	\$2,006	
0511-081-2547-6	218 E WASHINGTON ST	TAMARA AK WHITIKEN, ANGELA MW WHITIKEN	218 E WASHINGTON ST	STOUGHTON WI 53589	ORIGINAL PLAT LOT 7 BLOCK 30 SUBJ TO & TOG W/IT DRIVEWAY AGR MT IN DOC #3139541	66.00	\$16.77	\$0.00	50%	\$ 553.41	313	4	\$5.39	23	6	\$7.03	\$1,846.07	50%	\$923.03	28	4	\$5.39	\$150.92	100%	\$150.92	42	6	\$5.39	\$226.38	100%	\$226.38		100%	\$0.00	\$1,854	
0511-081-2558-3	226 E WASHINGTON ST	JOHN M LANDERS JR, PAULA J I WEN LANDERS	226 E WASHINGTON ST	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 30 LOT 8	66.00	\$16.77	\$0.00	50%	\$ 553.41	269	4	\$5.39	46	6	\$7.03	\$1,773.29	50%	\$886.65				\$0.00	100%	\$0.00	83	6	\$5.39	\$444.68	100%	\$444.68		100%	\$0.00	\$1,885	
0511-081-3485-9	310 E WASHINGTON ST	FIRST LUTHERAN CHURCH	PO BOX 1	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 39 LOT 5, LOT 6 & W 56 FT 6 IN LOT 7	190.50	\$16.77	\$0.00	50%	\$ 1,597.34	471	4	\$5.39				\$2,538.69	50%	\$1,269.35	198	4	\$5.39	\$1,064.53	100%	\$1,064.53				\$0.00	100%	\$0.00	Concrete Drainage Flume	\$5,203.00	100%	\$5,203.00	\$9,134
0511-082-1542-2	CITY-NO PARCEL ADDRESS AVAILABLE	STOUGHTON, CITY OF	381 E MAIN ST	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 21 LOTS 1 & 2 EXC WLY 12 FT OF S 68 FT O F SD LOT 2 & ALSO INCL N 64 FT OF LOTS 3 & 4	264.00	\$16.77	\$0.00	50%	\$ 2,213.64			\$5.39				\$0.00	50%	\$0.00				\$0.00	100%	\$0.00				\$0.00	100%	\$0.00		100%	\$0.00	\$2,214	
0511-081-2286-2	123 E WASHINGTON ST	CHSS INVESTMENTS LLC	PO BOX 512	STOUGHTON WI 53589	CORNERSTONE CONDOMINIUM UNIT 123	134.00	\$16.77	\$0.00	50%	\$ 1,123.59	75	4	\$5.39				\$401.56	50%	\$200.78				\$0.00	100%	\$0.00	161	6	\$5.39	\$865.10	100%	\$865.10		100%	\$0.00	\$2,189	
0511-081-2244-2	204 S FORREST ST	JERRY A WACKETT, LEA ANN WACKETT	837 TAFT	OREGON WI 53575	LOT 1 CSM 12592 C579/102&103-12/5/2008 F/K/A LOTS 1 & 2 BLOCK 39 ORIG PLAT STOUGHTON DESCR AS SEC 8-5-11 PRT NW1/4NE1/4 (0.158 ACRES)	134.00	\$16.77	\$0.00	50%	\$ 1,123.59	597	4	\$5.39	69	6	\$7.03	\$3,699.39	50%	\$1,849.69				\$0.00	100%	\$0.00	105	6	5.3.9	#VALUE!	100%	#VALUE!		100%	\$0.00	#VALUE!	
0511-081-2603-7	207 S FORREST ST	MCFARLAND STATE BANK	5990 US HIGHWAY 51	MCFARLAND WI 53558	ORIGINAL PLAT BLOCK 31 PRT LOT 2 BEG SW COR SD LOT TH N 133.04 FT TH S89DEG41'35"E 6.75 FT TH S1DEG3'3"W 133.04 FT TH N89DEG46'49"W 4.31 FT TO POB & ALL LOTS 3 & 4	140.75	\$16.77	\$0.00	50%	\$ 1,180.19	201	4	\$5.39	107	6	\$7.03	\$1,829.39	50%	\$914.70	131	4	\$5.39	\$706.09	100%	\$706.09	327	6	\$5.39	\$1,762.53	100%	\$1,762.53		100%	\$0.00	\$4,564	
0511-081-2592-1	219 E WASHINGTON ST	DAVID W ARNETT, BRENDA S ARNETT	219 E WASHINGTON ST	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 31 LOT 2 EXC S 35 FT OF E 30 FT THF & EXC BEG SW COR SD LOT TH N 133.04 FT TH S89DEG41'35"E 6.75 FT TH S1DEG3'3"W 133.04 FT TH N89DEG46'49"W 4.31 FT TO POB	59.25	\$16.77	\$0.00	50%	\$ 496.81	296	4	\$5.39				\$1,595.44	50%	\$797.72	21	4	\$5.39	\$113.19	100%	\$113.19				\$0.00	100%	\$0.00		100%	\$0.00	\$1,408	
0511-081-2571-6	200 S FOURTH ST	GREGG A MCCAUGHN, AMY G MCCAUGHN	200 S FOURTH ST	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 31 N 75 FT OF LOT 1	66.00	\$16.77	\$0.00	50%	\$ 553.41	310	4	\$5.39				\$1,668.21	50%	\$834.10				\$0.00	100%	\$0.00				\$0.00	100%	\$0.00		100%	\$0.00	\$1,388	
0511-081-3204-8	205 S FOURTH ST	ELISABETH HILFIKER MENSINK	409 MIDLAND LN	MONONA WI 53716	ORIGINAL PLAT BLOCK 38 LOT 4	66.00	\$16.77	\$0.00	50%	\$ 553.41	120	4	\$5.39				\$644.11	50%	\$322.05				\$0.00	100%	\$0.00				\$0.00	100%	\$0.00		100%	\$0.00	\$875	
0511-081-3193-2	311 E WASHINGTON ST	RICK K SIMLER, SUSAN A SIMLER	311 E WASHINGTON ST	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 38 LOT 3	66.00	\$16.77	\$0.00	50%	\$ 553.41	280	4	\$5.39	50	6	\$7.03	\$1,860.70	50%	\$930.35				\$0.00	100%	\$0.00	90	6	\$5.39	\$485.10	100%	\$485.10		100%	\$0.00	\$1,969	
0511-081-3182-5	319 E WASHINGTON ST	DOUGLAS J GIESE, TONI L GIESE	319 E WASHINGTON ST	STOUGHTON WI 53589	ORIGINAL PLAT LOT 2 BLOCK 38	66.00	\$16.77	\$0.00	50%	\$ 553.41	265	4	\$5.39	65	6	\$7.03	\$1,885.30	50%	\$942.65				\$0.00	100%	\$0.00	111	6	\$5.39	\$598.29	100%	\$598.29		100%	\$0.00	\$2,094	
0511-081-3171-8	327 E WASHINGTON ST	CRYSTAL FRANCKSEN, ERIC FRANCKSEN	327 E WASHINGTON ST	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 38 LOT 1	198.00	\$16.77	\$0.00	50%	\$ 1,660.23	907	4	\$5.39	46	6	\$7.03	\$5,212.11	50%	\$2,606.06				\$0.00	100%	\$0.00				\$0.00	100%	\$0.00		100%	\$0.00	\$4,266	

Schedule C - Preliminary Assessments - Fifth Street

Parcel Number	Property Address	Owners Name	Owners Address	Owners City	Lot Description	Curb & Gutter			Percent	Assessed Costs	Sidewalk Replacement				Percent	Assessed Costs	Carriage Walk Replacement				Percent	Assessed Costs	Concrete Apron Replacement				Percent	Assessed Costs	Miscellaneous			Total Assessment				
						Length (Ft)	Unit Cost	Total Cost			Area (Sq. Ft.)	Thickness (inch)	Unit Cost	2nd Area (Sq. Ft.)			Thickness (inch)	Unit Cost	Total Cost	Area (Sq. Ft.)			Thickness (inch)	Unit Cost	Total Cost	Area (Sq. Ft.)			Thickness (inch)	Unit Cost	Total Cost		Description	Total Cost	Assessible	
0511-081-3416-2	388 E MAIN ST	MICHAEL E GILBERT, JOANN R GILBERT	1025 E MAIN ST	STOUGHTON WI 53589	ORIGINAL PLAT LOT 16	120.00	\$16.77	\$0.00	50%	\$ 1,006.20	464	4	\$5.93	24	6	\$7.03	\$2,920.24	50%	\$1,460.12				\$0.00	100%	\$0.00	50	6	\$5.93	\$296.50	100%	\$296.50	Concrete Drainage Flume	\$4,703.00	100%	\$4,703.00	\$7,466
	NORTH ALLEY	STOUGHTON, CITY OF		STOUGHTON WI 53589	NORTH ALLEY ON FIFTH STREET	12.00	\$16.77	\$0.00	50%	\$ 100.62						\$0.00	50%	\$0.00				\$0.00	100%	\$0.00	96	6	\$5.93	\$569.28	100%	\$569.28			100%	\$0.00	\$670	
0511-081-3518-9	116 S FIFTH ST	FIRST LUTHERAN CHURCH	PO BOX 322	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 39 E 7.5 FT OF LOT 7 & ALL OF LOT 8 SUBJ TO 8 FT WIDE R/W OVER NLY 8 FT	205.50	\$16.77	\$0.00	50%	\$ 1,723.12	159	4	\$5.93			\$942.87	50%	\$471.44				\$0.00	100%	\$0.00	213	6	\$5.93	\$1,263.09	100%	\$1,263.09			100%	\$0.00	\$3,458	
0511-081-3441-1	110 S FIFTH ST	FIRST LUTHERAN CHURCH	310 E WASHINGTON AVE	STOUGHTON WI 53589	ORIGINAL PLAT 5 66 FT OF LOTS 1 & 2	66.00	\$16.77	\$0.00	50%	\$ 553.41						\$0.00	50%	\$0.00				\$0.00	100%	\$0.00	198	6	\$5.93	\$1,174.14	100%	\$1,174.14			100%	\$0.00	\$1,728	
0511-081-3431-3	100 S FIFTH ST	BLOCKED	100 S FIFTH ST	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 39 N 66 FT OF LOT 1	66.00	\$16.77	\$0.00	50%	\$ 553.41	254	4	\$5.93	44	6	\$7.03	\$1,815.54	50%	\$907.77				\$0.00	100%	\$0.00	105	6	\$5.93	\$622.65	100%	\$622.65			100%	\$0.00	\$2,084
0511-081-3659-9	225 S FIFTH ST	MARJORIE P MARTIN	118 E JEFFERSON ST	STOUGHTON WI 53589	ORIGINAL PLAT LOT 9 EXC COM AT PT ON S SIDE LOT 9 54 FT E OF SW COR TH E ALG SLY LN 12 FT N54DEGE ALG SELY SIDE SD LOT 15 FT S20DEG05'W 25.7 FT TO POB SUBJ TO & TOG W/DRIVEWAY AGRMT IN DOC #3636126 & #4029789	36.00	\$16.77	\$0.00	50%	\$ 301.86						\$0.00	50%	\$0.00				\$0.00	100%	\$0.00	81	6	\$5.93	\$480.33	100%	\$480.33			100%	\$0.00	\$782	
0511-081-3648-2	217 S FIFTH ST	PATRICK J MAYO, AMANDA M ZANCHETTI- MAYO	217 S FIFTH ST	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 40 LOT 8 SUBJ TO & TOG W/DRIVEWAY AGRMT IN DOC #3636126 & #4029789	66.00	\$16.77	\$0.00	50%	\$ 553.41	111	4	\$5.93			\$655.27	50%	\$327.63				\$0.00	100%	\$0.00	34	6	\$5.93	\$201.62	100%	\$201.62			100%	\$0.00	\$1,083	
0511-081-3637-5	211 S FIFTH ST	WAGNER RENTAL PROPERTIES LLC	2072 WILLIAMS DR	STOUGHTON WI 53589	ORIGINAL PLAT 5 41 FT OF LOT 7 BLOCK 40 SUBJ TO SIDEWALK ESMT IN R26190/36	41.00	\$16.77	\$0.00	50%	\$ 343.79	57	4	\$5.93	9	6	\$7.03	\$398.32	50%	\$199.16				\$0.00	100%	\$0.00	29	6	\$5.93	\$171.97	100%	\$171.97			100%	\$0.00	\$715
0511-081-3627-7	207 S FIFTH ST	TONIA M WEBER	207 S FIFTH ST	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 40 PRT LOT 7 N 25 FT THF TOG W/SIDEWALK ESMT DESCR IN R26190/36	25.00	\$16.77	\$0.00	50%	\$ 209.63	38	4	\$5.93	41	6	\$7.03	\$507.09	50%	\$253.55				\$0.00	100%	\$0.00	83	6	\$5.93	\$492.19	100%	\$492.19			100%	\$0.00	\$955
0511-081-3616-0	201 S FIFTH ST	WILLIAM M AMUNDSON	201 S FIFTH ST	STOUGHTON WI 53589	ORIGINAL PLAT LOT 6 BLOCK 40	66.00	\$16.77	\$0.00	50%	\$ 553.41	131	4	\$5.93			\$776.83	50%	\$388.42				\$0.00	100%	\$0.00	102	6	\$5.93	\$604.86	100%	\$604.86			100%	\$0.00	\$1,547	
0511-081-3605-3	133 S FIFTH ST	ADAM D KANE	133 S FIFTH ST	STOUGHTON WI 53589	ORIGINAL PLAT LOT 5 BLOCK 40	66.00	\$16.77	\$0.00	50%	\$ 553.41	159	4	\$5.93	32	6	\$7.03	\$1,167.83	50%	\$583.92				\$0.00	100%	\$0.00	72	6	\$5.93	\$424.00	100%	\$424.00			100%	\$0.00	\$1,561
0511-081-3594-7	125 S FIFTH ST	MASONIC LODGE 73	125 S FIFTH ST	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 40 S 49.5 FT OF W 155 FT LOT 4	49.50	\$16.77	\$0.00	50%	\$ 415.06	134	4	\$5.93	39	6	\$7.03	\$1,068.79	50%	\$534.40	73	4	\$5.93	\$429.93	100%	\$429.93	97	6	\$5.93	\$572.25	100%	\$572.25			100%	\$0.00	\$1,952
0511-081-3573-2	119 S FIFTH ST	JUAN MORALES, TERESITA J PERALES	3514 DRYDEN DR	MADISON WI 53704	ORIGINAL PLAT BLOCK 40 W 155 FT OF S1/2 LOT 3 W 155 FT OF N 161/2 FT LOT 4	49.50	\$16.77	\$0.00	50%	\$ 415.06	157	4	\$5.93	10	6	\$7.03	\$994.83	50%	\$497.42	30	4	\$5.93	\$177.90	100%	\$177.90	30	6	\$5.93	\$177.90	100%	\$177.90			100%	\$0.00	\$1,268
0511-081-3562-5	111 S FIFTH ST	JACK R MCCOMMON, CARMAN J MCCOMMON	111 S FIFTH ST	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 40 LOT 2 & N 33 FT LOT 3	99.00	\$16.77	\$0.00	50%	\$ 830.12	248	4	\$5.93	77	6	\$7.03	\$2,008.99	50%	\$1,004.49	26	4	\$5.93	\$154.18	100%	\$154.18	165	6	\$5.93	\$978.45	100%	\$978.45			100%	\$0.00	\$2,967
0511-081-3541-0	101 S FIFTH ST	JOHN P MORGAN, ELLEN K MORGAN	101 S FIFTH ST	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 40 W 100 FT OF LOT 1	66.00	\$16.77	\$0.00	50%	\$ 553.41	124	4	\$5.93			\$732.36	50%	\$366.18				\$0.00	100%	\$0.00				\$0.00	100%	\$0.00	Brick Carriage Walk (0 SF)		100%	\$0.00	\$920	

Schedule C - Preliminary Assessments - South Alley																											
Parcel Number	Property Address	Owners Name	Owners Address	Owners City	Lot Description	Asphalt Pavement Replacement			Percent Assessed	Roof Drain Piping			Percent Assessed	Roof Drain Connection to Storm Sewer			Percent Assessed	Roof Drain Connection to Downspout			Percent Assessed	Miscellaneous Assessment (See note below)	Total Assessment				
						Area (sq. yd)	Unit Cost	Total Cost		Length (ft)	Unit Cost	Total Cost		Quantity (each)	Unit Cost	Total Cost		Quantity (each)	Unit Cost	Total Cost							
0511-081-2185-4	317 S DIVISION ST	JAMES R HALBACH	PO BOX	JANESVILLE WI 53547-0257	ORIGINAL PLAT BLK 27 N 22 FT OF LOTS 5 & 6 EXC E 10 FT OF N 22 FT OF LOT 6	0	\$65.31	\$0.00	100%	\$0.00	36	\$82.50	\$2,970.00	100%	\$2,970.00	3	\$935.00	\$2,805.00	100%	\$2,805.00	3	\$935.00	\$2,805.00	100%	\$2,805.00	\$8,900.00	\$17,480
0511-081-2174-7	111 E Main Street	GARY J BRENZ	111 E Main Street	STOUGHTON WI 53589	ORIGINAL PLAT W 22 FT OF LOT 4 BLOCK 27 EXC S 10 FT FOR ALLEY VOL 262 P 440	17	\$65.31	\$1,110.27	100%	\$1,110.27	15	\$82.50	\$1,237.50	100%	\$1,237.50	1	\$935.00	\$935.00	100%	\$935.00	1	\$935.00	\$935.00	100%	\$935.00		\$4,218
0511-081-2169-4	109 E Main Street	NICHOLAS DIBENEDETTO	113 E Main Street	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 27 W 22 FT OF E 44 FT (A/K/A CTR 1/3) LOT 4 EXC S 10 FT FOR ALLEY	40	\$65.31	\$2,612.40	100%	\$2,612.40	20	\$82.50	\$1,650.00	100%	\$1,650.00	1	\$935.00	\$935.00	100%	\$935.00	0	\$935.00	\$0.00	100%	\$0.00		\$5,197
0511-081-2164-9	121 E Main Street	JACK BICKSLER	1200 OVERLOOK DR	STOUGHTON WI 53589	ORIGINAL PLAT E 22 FT LOT 4 EXC S 10 FT FOR ALLEY SUBJ TO PARTY WALL AGRMTS ALSO PRT W 22 FT LOT 3 AS DESCR IN D130/52&153 ALL IN BLOCK 27	11	\$65.31	\$718.41	100%	\$718.41	10	\$82.50	\$825.00	100%	\$825.00	1	\$935.00	\$935.00	100%	\$935.00	1	\$935.00	\$935.00	100%	\$935.00		\$3,413
0511-081-2153-2	129 E Main Street	BAC LLC	1240 WATER ST	PRAIRIE DU SAC WI 53578	ORIGINAL PLAT BLOCK 27 W 22 FT LOT 3 EXC S 10 FT FOR ALLEY, D130/52&153 SUBJ TO PARTY WALL AGRMTS	47	\$65.31	\$3,069.57	100%	\$3,069.57	25	\$82.50	\$2,062.50	100%	\$2,062.50	1	\$935.00	\$935.00	100%	\$935.00	1	\$935.00	\$935.00	100%	\$935.00		\$7,002
0511-081-2148-9	137 E Main Street	BRYAN G MOLL	N1148 WENDT RD	COLUMBUS WI 53925	ORIGINAL PLAT BLOCK 27 W 22 FT OF E 44 FT LOT 3 EXC S 10 FT THF USED FOR ALLEY PURP	58	\$65.31	\$3,787.98	100%	\$3,787.98	35	\$82.50	\$2,887.50	100%	\$2,887.50	1	\$935.00	\$935.00	100%	\$935.00	1	\$935.00	\$935.00	100%	\$935.00		\$8,545
0511-081-2143-4	143 E Main Street	VERN STRUTZEL	1813 SKYLINE DR	STOUGHTON WI 53589	ORIGINAL PLAT E 22 FT OF LOT 3 EXC S 10 FT FOR ALLEY BLOCK 2 7 SUBJ PARTY WALL AGRMT	57	\$65.31	\$3,722.67	100%	\$3,722.67	35	\$82.50	\$2,887.50	100%	\$2,887.50	1	\$935.00	\$935.00	100%	\$935.00	1	\$935.00	\$935.00	100%	\$935.00		\$8,480
0511-081-2132-7	151 E Main Street	TIMOTHY H MANHART	1823 N VAN BUREN ST	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 27 W 22 FT OF LOT 2 EXC S 10 FT FOR ALLEY SUBJ TO PARTY WALL AGRMTS	29	\$65.31	\$1,893.99	100%	\$1,893.99	50	\$82.50	\$4,125.00	100%	\$4,125.00	2	\$935.00	\$1,870.00	100%	\$1,870.00	2	\$935.00	\$1,870.00	100%	\$1,870.00		\$9,759
0511-081-2127-4	157 E Main Street	NEXT GENERATION ENTERPRISES LLC	161 E MAIN ST	STOUGHTON WI 53589	ORIGINAL PLAT W 21 FT OF E 43 FT LOT 2 BLOCK 27 EXC S 10 FT FOR ALLEYWAY	53	\$65.31	\$3,461.43	100%	\$3,461.43	25	\$82.50	\$2,062.50	100%	\$2,062.50	1	\$935.00	\$935.00	100%	\$935.00	1	\$935.00	\$935.00	100%	\$935.00		\$7,394
0511-081-2122-9	167 E Main Street	NEXT GENERATION ENTERPRISES LLC	161 E MAIN ST	STOUGHTON WI 53589	ORIGINAL PLAT E 22 FT OF LOT 2 BLOCK 27	48	\$65.31	\$3,134.88	100%	\$3,134.88	0	\$82.50	\$0.00	100%	\$0.00	0	\$935.00	\$0.00	100%	\$0.00	0	\$935.00	\$0.00	100%	\$0.00		\$3,135
0511-081-2116-7	175 E Main Street	ROBERT W YOUNG	175 E MAIN ST	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 27 PRT LOT 1 W 22 FT THF EXC S 10 FT FOR PUBL ALLEY	38	\$65.31	\$2,481.78	100%	\$2,481.78	0	\$82.50	\$0.00	100%	\$0.00	0	\$935.00	\$0.00	100%	\$0.00	0	\$935.00	\$0.00	100%	\$0.00		\$2,482
0511-081-2111-2	183 E Main Street	MBW PROPERTIES LLC	524 S PAGE ST	STOUGHTON WI 53589	ORIGINAL PLAT BLOCK 27 W 22 FT OF E 44 FT LOT 1	54	\$65.31	\$3,526.74	100%	\$3,526.74	35	\$82.50	\$2,887.50	100%	\$2,887.50	2	\$935.00	\$1,870.00	100%	\$1,870.00	3	\$935.00	\$2,805.00	100%	\$2,805.00		\$11,089
0511-081-2101-4	195 E Main Street	CINDY HOESLY	4378 JORDAN DR	MCFARLAND WI 53558	ORIGINAL PLAT BLK 27 E 22 FT OF LOT 1 EXC S 10 FT THF	0	\$65.31	\$0.00	100%	\$0.00	15	\$82.50	\$1,237.50	100%	\$1,237.50	1	\$935.00	\$935.00	100%	\$935.00	1	\$935.00	\$935.00	100%	\$935.00		\$3,108

MISCELLANEOUS ASSESSMENT: Repair of existing void space beneath sidewalk in public right-of-way and replacement of sidewalk (100% assessable)

