

III. SANITARY SEWER

A. General Information

SANITARY SEWER (not including New Subdivisions)		R-1 Zoning		R-2 Zoning		All Other Zoning	
		New	Recon.	New	Recon.	New	Recon.
	Max. Size (Diameter)	12"	12"	12"	12"	12"	12"
	Max. Depth	16'	16'	16'	16'	16'	16'
	% Assessed (Main/Laterals)	33%/50%	0%33%/50%	33%/50%	0%33%/50%	33%/50%	0%33%/50%
	Multiple Frontage Reduction	Yes*	Yes*	Yes*	Yes*	Yes*	None
Current (33% main) Rate	Actual Cost	\$33.00-	Actual Cost	\$33.00-	Actual Cost	\$33.00-	

(Y=Assessed N =Not Assessed) Construction Items	New	Reconstruction	Individual Rates (if not included in current Rate above)
Administrative Fees	Y	Y N	-
Property Owner Notification	Y	Y N	-
Sanitary area assessment	Y	Y N	-
Sanitary Sewer Main	Y	Y N	-
Sanitary Manholes	Y	Y N	-
Drop Manholes	Y	Y N	-
Manhole Castings	Y	Y N	-
Sanitary Laterals (50% Rate)	Y	Y	\$34.00
Lateral Connections	Y	Y N	-
Pipe Bedding	Y	Y N	-
Pipe Backfill Material	Y	Y N	-
Terrace Restoration	Y	N	-
Seed & Mulch	Y	N	-
Pavement Restoration	N	N	-
Sawcutting	N	N	-
Asphalt removal	N	N	-
Concrete Removal	N	N	-
Sidewalk Removal	N	N	-
Erosion Control	N	N	-

* See Calculation Guidelines

B. Calculation Guidelines – Sanitary Sewer

- Assessments will be levied according to the front foot dimensions of abutting property, except as noted. The assessment rate for new sanitary sewers will be determined on the basis of actual construction cost up to and including 12" sanitary sewer main and manholes. The assessment rate for new construction in an existing area or reconstruction or relining of sanitary sewers will be based upon the rates shown in the chart above, except that credit will be given for the remaining useful life calculated on current cost of construction. For this purpose, the useful life of sanitary sewer will be 75 years.
- Area assessment, where applicable, will be levied in accordance with Section 18-116 of the Municipal Code of the City of Appleton.

3. Any lot or parcel within the corporate limits which has not paid a sanitary sewer assessment when the main was installed will, at the time the lateral permit is taken out, be required to pay a connection fee with the lateral permit fee. Payment of a connection fee must be made in full prior to connecting. The connection fee, equivalent to the front foot assessment and area assessment, will be based on the assessment rates the year the main was installed.
4. When utilities are installed in a street where one side is within the corporate limits but remains undeveloped, assessments will be levied for the utilities that benefit the parcel. The area assessment for sanitary sewer is calculated using a nominal lot depth of 120 feet. The balance of the area assessment will be assessed when the property is developed and charged a connection fee in lieu of assessments.
5. On sanitary relay, where existing laterals meet the sanitary lateral policy and are not re-laid, the cost of reconnecting (including short sections of connecting pipe, usually within the trench area) is absorbed by the City and not assessed to the property owner.
6. ~~To figure credit for useful life (75 years) of sanitary sewer: credit = divide age of sewer by 75. If less than 1.0 multiply that number by the current sewer assessment rate.~~
7. Calculation Guidelines (see chart for applicability):
 - a. On multiple frontage lots zoned R-1 or R-2, the shortest side will be assessed at 100% of the assessment rate. On the other sides, the first 120 feet for each side will be assessed at 0% of the assessment. The balance of the frontage will be assessed at 100% of the assessment rate.
 - b. On multiple frontage lots where all sides have equal frontage, the side to be considered the short side is the "Addressed" side.
 - c. Where sewer exists across an entire parcel frontage, but sewer construction only occurs along part of a parcel's total frontage, assessments will be calculated based on the partial frontage. The balance will be assessed as work is completed along the remaining frontage. Where sewer exists along only a portion of the parcel frontage, the entire frontage will be assessed.
 - d. Assessment for construction, ~~reconstruction or relining~~ of sanitary sewer will be levied against all abutting property frontage regardless if laterals are present, provided that the property is not legally precluded from connecting to the sewer. Amount of assessment will be calculated according to existing policy.
 - e. Cost of sewer and manhole construction deeper than 16 feet shall be borne by the city except where extra depth is required for development of adjacent property.
 - f. No corner lot exception will be provided for combined properties that did not meet the corner lot criteria prior to their combination.
 - g. For cul-de-sac lots, the assessable footage for each lot shall be the sum of frontages for all lots fully or partially abutting a cul-de-sac divided by the number of lots.
 - h. Assessable footage for sewers (~~re~~)constructed within easements shall be equal to the centerline length of easement falling within the property. Assessments will be levied to only those properties with lateral connections to the easement sewer. The easement length will be considered as "frontage" for purposes of calculating multiple-frontage reductions (see 7a. above).

IV. SANITARY SEWER LATERALS

A. General Definition

1. For new development funded by the City, the total cost of lateral installation will be assessed to the property.
2. The assessment rate for reconstruction of laterals and construction of new laterals in existing streets will be based upon the rates shown in the chart from Section III above.

B. Calculation Guidelines

1. Assessments for laterals will be based on the unit cost per foot as indicated in the chart in section III.A applied to the length of the lateral between the sanitary sewer and the property line. The length of lateral assessed shall not exceed $\frac{1}{2}$ the street right-of-way width.
2. Assessments for laterals within cul-de-sacs will be based on the actual length of lateral installed, but shall not exceed the right-of-way radius for the cul-de-sac bulb.
3. Assessments for laterals connected to sewers within easements will be based on actual length of lateral installed, but not to exceed $\frac{1}{2}$ the right-of-way width of the street for which the property is addressed.

V. STORMWATER FACILITIES

A. General Information

STORM SEWER (not including New Subdivisions)		R-1 Zoning		R-2 Zoning		All Other Zoning	
		New	Recon.	New	Recon.	New	Recon.
	Max. Size (Diameter)	-	-	-	-	15"	15"
	Max. Depth	-	-	-	-	10'	10'
	% Assessed (Main/Laterals)	0%/0% ⁺	0%/0% ⁺	0%/0% ⁺	0%/0% ⁺	33%/50%	33%/50%
	Corner Lot Reduction	Yes*	Yes*	Yes*	Yes*	None	None
Current Rate	Actual Cost	\$29.00	Actual Cost	\$29.00	Actual Cost	\$29.00	

(Y=Assessed N =Not Assessed)	New	Reconstruction	Individual Rates (if not included in current Rate above)
Construction Items			
Administrative Fees	Y	Y	-
Property Owner Notification	Y	Y	-
Regional Stormwater Facilities (built prior to 1/1/02)	Y	Y	See rates Pg. 22
Regional Stormwater Facilities (built between 1/1/02 and 3/1/06)	Y	Y	See rates Pg. 22
Regional Stormwater Facilities (built after 3/1/06)	N	N	-
Storm Sewer Main	Y	Y	-
Storm Manholes	Y	Y	-
Inlets	Y	Y	-
Inlet Leads	Y	Y	-
Drop Manholes	Y	Y	-
Manhole Castings	Y	Y	-
Storm Laterals	Y	Y	6" = \$26/ft 8" = \$30/ft 10" = \$33/ft 12" = \$38/ft Greater than 12" actual cost
Lateral Connections	N	N	-
Pipe Bedding	Y	Y	-
Pipe Backfill Material	Y	Y	-
Terrace Restoration	Y	Y	-
Seed & Mulch	Y	Y	-
Pavement Restoration	N	N	-
Sawcutting	N	N	-
Asphalt removal	N	N	-
Concrete Removal	N	N	-
Sidewalk Removal	N	N	-
Erosion Control	N	N	-

* See Calculation Guidelines

⁺ See Section V.B.3.b. for exceptions

B. Calculation Guidelines – Stormwater Facilities

1. Stormwater facilities shall be installed as needed to serve properties contributing to the need for, and benefiting from, such facilities. Storm main shall be installed to serve all properties on arterial streets prior to total reconstruction of the pavement.
2. Assessable stormwater facilities under this section include storm sewer, mains and piping, manholes, inlets and inlet leads. Assessments shall also include overhead, property acquisition and financing costs attributable to the facilities.
3. Assessments for storm sewer will be levied according to the front foot dimensions of abutting property.
 - a. R-1, R-2, zoning
The cost of (re) constructing or relining in existing streets will be borne by the Stormwater Utility.
 - b. The cost of constructing or reconstructing storm sewers, mini-sewers or other drainage facilities in existing developed areas zoned R-1 and R-2 annexed after January 1, 1999 will be fully assessable to the abutting property owners.
 - c. All Other Zoning
The assessment rate for storm sewer (re) construction or relining in existing streets will be 33% of the actual construction cost, up to and including 15" storm main (not deeper than 10'), manholes, inlets and inlet leads. Credit will be given for the remaining useful life of a reconstructed or relined sewer based on current cost of construction. For this purpose, the useful life of storm sewer will be 75 years.
4. Assessments for new developments will be based on the actual construction costs of facilities required by the subdivision and charged on a per lot basis. To calculate an equivalent lot cost for parkland, school properties or other atypical lots, use the average size of a new development lot that abuts the parkland, school property or atypical lot. Example, if a lot is 10,000 square feet and parkland, school property or atypical lot is 100,000 square feet; the charge for that land would be equivalent to 10 lots.
5. Any lot or parcel zoned other than R-1 or R-2, within the corporate limits which has not paid a storm sewer assessment when the main was installed will, at the time the lateral permit is taken out, be required to pay a connection fee with the lateral permit fee. This will be effective the same date as the initial Special Assessment policy for storm sewers. The connection fee, equivalent to the front foot and area assessment, will be based on the assessment rates the year the main was installed.
6. Public owned property, including lands under the jurisdiction of the Board of Education, Parks and Recreation Committee and other branches of city, state or county governments, churches and private schools and other exempt properties will be assessed 100% of the assessment rate regardless of the zoning.
7. Calculation Guidelines – (See chart for applicability).
 - a. On multiple frontage lots zoned R-1 or R-2, the shortest side will be assessed at 100% of the assessment rate. On the other sides, the first 120 feet of each side will be assessed at 0% of the assessment rate. The balance of the frontage will be assessed at 100% of the assessment rate.
 - b. On multiple frontage lots where all sides have equal frontage, the side to be considered the short side is the “Addressed” side.

- c. Where sewer exists across an entire parcel frontage, but sewer construction only occurs along part of a parcel's total frontage, assessments will be calculated based on the partial frontage. The balance will be assessed as work is completed along the remaining frontage. Where sewer exists along only a portion of the parcel frontage, the entire frontage will be assessed.
- d. Assessment for reconstruction or relining of storm sewer will be levied only when the work affects the main to which the property is connected. Amount of assessment will be calculated according to the existing policy.
- e. No corner lot exception will be provided for combined properties that did not meet the corner lot criteria prior to the combination.
- f. New Development - 100% of actual construction costs of facilities required by the development plus area assessment.
- g. For cul-de-sac lots, the assessable footage for each lot shall be the sum of frontages for all lots fully or partially abutting a cul-de-sac divided by the number of lots.
- h. Assessable footage for sewers (re)constructed within Easements shall be equal to the centerline length of easement falling within the property. Assessments will be levied to only those properties with lateral connections to the easement sewer. The easement length will be considered as "frontage" for purposes of calculating multiple-frontage reductions (see 7a. above).

VI. STORM SEWER LATERALS

A. General Information

- 1. For new development funded by the City, the total cost of lateral installation will be assessed to the property.
- 2. The assessment rate for reconstruction of laterals and construction of new laterals in existing developed streets will be 50% of the actual construction cost.
- 3. Street Reconstruction
 - a. Arterial Streets – Prior to total reconstruction of a street, storm laterals shall be installed to all properties that are not yet served.
 - b. Non-arterial Streets – Prior to total reconstruction of a street, storm laterals shall be installed to all properties not zoned R-1 or R-2. In addition, laterals shall be installed to residential properties based on needs identified under the mini-sewer and rehabilitation programs.

B. Calculation Guidelines

- 1. Assessments for laterals will be based on the unit cost per foot as indicated in the chart in section V.A applied to the length of the lateral between the storm sewer and the property line. The length of lateral assessed shall not exceed $\frac{1}{2}$ the street right-of-way width.
- 2. Assessments for laterals within cul-de-sacs will be based on the actual length of lateral installed, but shall not exceed the right-of-way radius for the cul-de-sac bulb.
- 3. The cost of installing new laterals to properties zoned R-1 or R-2 will be borne by the Stormwater Utility unless the property was annexed after January 1, 1999.
- 4. Assessments for laterals connected to sewers within easements will be based on actual length of lateral installed, but not to exceed $\frac{1}{2}$ the right-of-way width of the street for which the property is addressed.

VII. WATERMAINS AND SERVICES

A. General Information

WATER MAIN (not including New Subdivisions)		R-1,R-2,R-3 Zoning		C-1, C-2 Zoning		All Other Zoning	
		New	Recon.	New	Recon.	New	Recon.
	Max. Size (Diameter)	8"	8"	12"	12"	16"	16"
	Max. Depth	-	-	-	-	-	-
	Assessed at (%)	100%	0%*	100%	0%*	100%	0%*
	Multiple Frontage Reduction	Yes*	Yes*	Yes*	Yes*	None	None
Current Rate	Actual Cost	Actual Cost	Actual Cost	Actual Cost	Actual Cost	Actual Cost	

(Y=Assessed N =Not Assessed)	New	Reconstruction	Individual Rates (if not included in current Rate above)
Construction Items			
Administrative Fees	Y	N*	-
Property Owner Notification	Y	N*	-
Local Water Main	Y	N*	-
Transmission Main	N*	N*	-
Valves	Y	N*	-
Hydrants	Y	N*	-
Hydrant Leads	Y	N*	-
1"- 1 1/4" Water Service (Including connection) In New Street(s)	Y	N*	Actual Cost
1"- 1 1/4" Water Service (Including connection) In Existing Street(s)	Y	N*	Actual Cost
1 1/2" - 2" Water Service (Including connection) In New Street(s)	Y	N*	Actual Cost
1 1/2" - 2" Water Service (Including connection) In Existing Street(s)	Y	N*	Actual Cost
Pipe Bedding	Y	N*	-
Pipe Backfill Material	Y	N*	-
Terrace Restoration	Y	N*	-
Seed & Mulch	Y	N*	-
Pavement Restoration	N	N	-
Sawcutting	N	N	-
Asphalt removal	N	N	-
Concrete Removal	N	N	-
Sidewalk Removal	N	N	-
Erosion Control	Y	N	-

* See Calculation Guidelines

B. Calculation Guidelines – Water Mains and Services

1. Assessments will be levied according to the front foot dimensions of abutting property, except as noted. The assessment rate will be determined on the basis of actual construction cost required by the city for development.
 - a. R-1, R-2 and R-3 zoning. All costs to construct water main up to and including 8” main, hydrants and valves.
 - b. C-1 and C-2 zoning. All costs to construct water main up to and including 12” main, hydrants and valves.

- c. Other zoning. All costs to construct water main up to and including 16" main, hydrants and valves.
 - d. Water main installed for transmission use shall not be assessed, except if no other main is available for service. The property shall be assessed at the rate of the year the main was installed based on zoning at the time of connection.
 - e. All costs to furnish and install hydrants, including leads and valves shall be assessed.
 - f. In-kind water main reconstruction, including hydrants and leads, is not assessed.
 - g. All additional costs to upgrade a water main, including additional valving due to a service and/or fire line, when requested, shall be borne by the property owner.
 - h. New, and/or additional water main(s) installed for circulation and/or looping in a developed area shall not be assessed, except in case of B1.d.
2. Permission to connect to the City water main prior to annexation must be obtained from the Common Council through the Utilities Committee.
 3. Any lot or parcel within the corporate limits which has not paid a water main assessment when the main was installed will, at the time the water lateral permit is taken out, be required to pay the connection fee with the lateral permit fee. Payment of a connection fee must be made in full prior to connecting. The connection fee, equivalent to the front foot water main assessment, will be based on the assessment rate the year the main was installed. Payment for connection fees may be made in accordance with Section XI.
 4. New Service Installation. The property owner or developer per Schedule Cz-1 (attached) shall pay all installation costs from the main through and including the curb shut-off.
 5. Replacement of Service. All additional cost to upgrade a service (example, 1" copper to 4" service line) shall be borne by the property owner or developer per Schedule X-2 (Attached).
 6. Public owned property, including lands under the jurisdiction of the Board of Education, Parks and Recreation Committee and other branches of city & county governments, churches and private schools and other exempt properties will be assessed 100% of the C-1, C-2 assessment rate regardless of the zoning.
 7. Calculation Guidelines (see chart for applicability)
 - a. On multiple frontage lots zoned R-1, R-2 or R-3, the shortest side will be assessed at 100% of the assessment rate. On the other sides, the first 120 feet of each side will be assessed at 0% of the assessment rate. The balance of the frontage will be assessed at 100% of the assessment rate.
 - b. No corner lot exception will be provided for combined properties that did not meet the corner lot criteria prior to their combination.
 - c. Where water main exists across an entire parcel frontage, but construction only occurs along part of a parcel's total frontage, assessments will be calculated based on the partial frontage. The balance will be assessed as work is completed along the remaining frontage. Where water main exists along only a portion of the parcel frontage, the entire frontage will be assessed.
 - d. On multiple frontage lots where all sides have equal frontage, the side to be considered the short side is the "Addressed" side.
 - e. For cul-de-sac lots, the assessable footage for each lot shall be the sum of frontages for all lots fully or partially abutting a cul-de-sac divided by the number of lots.

- f. Assessable footage for water mains (re)constructed within Easements shall be equal to the centerline length of easement falling within the property. Assessments will be levied to only those properties with service connections to the easement main. The easement length will be considered as “frontage” for purposes of calculating multiple-frontage reductions (see 7a. above).
- g. Assessments for water services will be based on the unit cost per foot as indicated in the chart in section VII.A applied to the length of the service between the main and the property line. The length of water service assessed shall not exceed ½ the street right-of-way width.
- h. Assessments for water services within cul-de-sacs will be based on the actual length of service installed, but shall not exceed the right-of-way radius for the cul-de-sac bulb.
- i. Assessments for laterals connected to watermain within easements will be based on actual length of lateral installed, but not to exceed ½ the right-of-way width of the street for which the property is addressed.

VIII. STREET LIGHTING

A. Calculation Guidelines

1. Assessments for non-decorative streetlights will be levied according to the front foot dimensions of abutting property except as noted.
2. Assessments will be levied at the time of and in conjunction with the initial street light installation.
3. The assessment rate will be based on the actual cost of installation.
4. The assessment rate for replacement of existing streetlights will be based upon the additional cost of enhanced features beyond standard street light requirements.

Assessment Exceptions

- a. On multiple frontage lots zoned R-1, R-2 or R-3, the shortest side will be assessed at 100% of the assessment rate. On the other sides, the first 120 feet of each side will be assessed at 0% of the assessment rate. The balance of the frontage will be assessed at 100% of the assessment rate.
- b. On inside corner or multiple frontage lots, the side or sides precluded from access is not included in the assessment frontage.