



MEMO

TO: Finance Committee

FROM: Paula Vandehey, Director of Public Works *PAV*

DATE: July 11, 2013

SUBJECT: Proposed changes to the Special Assessment Policy for 2014.

As part of our annual review of the City of Appleton's Special Assessment Policy, I would like to discuss the following proposed changes for 2014 at the July 17, 2013 Finance Committee meeting:

1. Should abutting property owners pay 100% of costs associated with indented parking? (Page 5, Item 20)
2. Should we increase the sanitary sewer and sanitary lateral rates \$1 per foot to better reflect actual costs? (Page 9, Item III. A.)
3. Should we increase the storm sewer and 6" storm lateral rates \$1 per foot to better reflect actual costs? (Page 12, Item V. A.)

Please feel free to contact me if you have any questions prior to the Finance Committee meeting.

CITY OF APPLETON, WI POLICY FOR SPECIAL ASSESSMENTS 2014

I. STREET CONSTRUCTION AND RECONSTRUCTION

A. General Information

Draft: 7-11-13

CONCRETE PAVEMENT (Not including New Subdivisions)		R-1 Zoning		R-2 Zoning		All Other Zoning	
		New	Recon.	New	Recon.	New	Recon.
	Max. Width	33'	33'	33'	33'	49'	49'
	Max. Thickness	7"	7"	7"	7"	9"	9"
	Assessed at (%)	75%	75%	100%	100%	100%	100%
	Multiple Frontage Reduction	Yes*	Yes*	Yes*	Yes*	None	None
	Base Assessment Rate	Calculated on an individual street basis using actual bid prices					
(Y=Assessed N=Not Assessed)		New Concrete		Concrete Reconstruction		Direct Assessments (in addition to Base Rate)	
Construction Items							
Administrative Fees		Y		Y		-	
Property Owner Notification		Y		Y		-	
Concrete Pavement		Y		Y		-	
Curb & Gutter (Integral)		Y		Y		-	
Sawcutting		Y		Y		-	
Fine Grading		Y		Y		-	
Seed & Mulch/Sod		Y		Y		-	
Terrace Restoration		Y		Y		-	
Concrete Driveway Apron		Y		N *		Per bid price	
Trees		Y		N		\$0.75 / front foot	
Miscellaneous Asphalt		N		N		-	
Asphalt - Milling		N		N		-	
Curb & Gutter (miscellaneous)		N		N		-	
Geotextile Fabric		N		N		-	
Stone Base		N		N		-	
Unclassified Excavation		N		N		-	
Erosion Control		N		N		-	
Adjust MH/Inlet Tops		N		N		-	
Asphalt - Miscellaneous		N		N		-	
Asphalt Transitions		N		N		-	
Curb Thimbles		N		N		-	
Drill-in Tie Bars/Dowels		N		N		-	
Driveway Closure		N		N		-	
Inlet Leads		N		N		-	
Manhole / Inlet Reconstruction		N		N		-	
Manhole/Inlet Castings		N		N		-	
MH Chimney Seals		N		N		-	
Pavement Marking		N		N		-	
PVC Pipe for sump pumps		N		N		-	
Reinforcing Rods		N		N		-	
Removal - Asphalt		N		N		-	
Removal - C&G		N		N		-	
Removal - Concrete		N		N		-	
Removal - DW Aprons (Conc. & Asp.)		N		N		-	
Removal - Sidewalk		N		N		-	
Repair work from permits		N		N		-	
Repair work from Utility Permits		N		N		-	
Traffic Signals		N		N		-	

* See Calculation Guidelines

ASPHALT PAVEMENT (Not including New Subdivisions)		R-1 Zoning			R-2 Zoning			All Other Zoning		
		After G&G	Recon.	Overlay	After G&G	Recon.	Overlay	After G&G	Recon.	Overlay
	Max. Width	33'	33'	33'	33'	33'	33'	49'	49'	49'
	Max. Thickness	3"	3"	3"	3"	3"	3"	6"	6"	6"
	Assessed at (%)	25%	85%	85%	25%	100%	100%	25%	100%	100%
	Multiple Frontage Reduction	Yes*	Yes*	Yes*	Yes*	Yes*	Yes*	None	None	None
Base Assessment Rate		Calculated on an individual street basis using actual bid prices								
(Y=Assessed N=Not Assessed)		Asphalt following G&G		Asphalt Reconstruct.		Asphalt Overlay		Direct Assessments (in addition to Base Rate)		
Construction Items										
Administrative Fees		Y		Y		Y		-		
Property Owner Notification		Y		Y		Y		-		
Asphalt Pavement		Y		Y		Y		-		
Milling		N		Y		Y		-		
Sawcutting		N		Y		Y		-		
Curb & Gutter (New/repair)		N		Y		N		-		
Fine Grading		Y		Y		N		-		
Seed & Mulch/Sod		N		Y		Y		-		
Terrace Restoration		N		Y		Y		-		
Concrete Driveway Apron		N		N *		N *		per bid price		
Asphalt (miscellaneous)		N		N		N		-		
Geotextile Fabric		N		N		N		-		
Stone Base		N		N		N		-		
Trees		N		N		N		-		
Unclassified Excavation		N		N		N		-		
Erosion Control		N		N		N		-		
Adjust MH/Inlet Tops		N		N		N		-		
Curb Thimbles		N		N		N		-		
Drill-in Tie Bars/Dowels		N		N		N		-		
Driveway Closure		N		N		N		-		
Inlet Leads		N		N		N		-		
Manhole / Inlet Reconstruction		N		N		N		-		
Manhole/Inlet Castings		N		N		N		-		
MH Chimney Seals		N		N		N		-		
Pavement Marking		N		N		N		-		
Removal - Asphalt		N		N		N		-		
Removal - C&G		N		N		N		-		
Removal - Concrete		N		N		N		-		
Removal - DW Aprons (Conc. & Asp.)		N		N		N		-		
Removal - Sidewalk		N		N		N		-		
Repair work from permits		N		N		N		-		
Repair work from Utility Projects		N		N		N		-		
Traffic Signals		N		N		N		-		

* See Calculation Guidelines

GRADING & GRAVELING (not including New Subdivisions)		R-1 Zoning		R-2 Zoning		All Other Zoning	
		New Street	Rural to Urban Conversion	New Street	Rural to Urban Conversion	New Street	Rural to Urban Conversion
	Max. Width	35'	35'	35'	35'	51'	51'
	Max. Thickness	-	-	-	-	-	-
	Assessed at (%)	100%	100%	100%	100%	100%	100%
	Multiple Frontage Reduction	Yes*	Yes*	Yes*	Yes*	None	None
Base assessment Rate		Calculated on an individual street basis based upon bid prices					
(Y=Assessed N=Not Assessed)		New Street		Rural to Urban Conversion		Direct Assessments (in addition to Base Rate)	
Construction Items							
Administrative Fees		Y		Y		-	
Property Owner Notification		Y		Y		-	
Fine Grading		Y		Y		-	
Seed & Mulch/Sod		Y		Y		-	
Erosion Control		Y		Y		-	
Sawcutting		Y		Y		-	
Unclassified Excavation		Y		N		-	
Stone Base		Y		N		-	
Geotextile Fabric		Y		N		-	
Removal - Asphalt		Y		N		-	
Removal - C&G		Y		N		-	
Removal - Concrete		Y		N		-	
Removal - Sidewalk		Y		N		-	
Miscellaneous Asphalt		N		N		-	
Miscellaneous Curb & Gutter		N		N		-	
Adjust MH/Inlet Tops		N		N		-	
Street Lighting		Y		Y		-	
Traffic Signals		N		N		-	

* See Calculation Guidelines

Calculation Guidelines – Street Construction and Reconstruction

1. Assessments will be levied according to the front foot dimensions of abutting property except as noted.
2. The assessment rate will be the portion (%) of assessable construction costs in accordance with the charts above. Assessments will be reduced proportionately for pavements constructed less than the maximum widths.
3. Public owned property, including lands under the jurisdiction of the Board of Education, Parks and Recreation Committee and other branches of city, or county governments, churches and private schools and other exempt properties will be assessed 100% of the "all other zoning" assessment rate regardless of the zoning. (BPW 2/2/94)

4. The assessment rate for alley pavement will be based on the full width of the pavement.
5. The City will assume the entire cost of permanent pavement for all intersections for reconstruction, partial reconstruction and new construction (areas platted prior to 1-1-04).
6. Driveway approaches shall be constructed at property owner's expense when:
 - a. When permanent street surfaces are constructed.
 - b. Where a street has been permanently improved, driveway approaches shall be installed within six months of the completion of the adjacent structure.
 - c. When ordered installed by the Common Council.
 - d. When a property owner requests approach to be widened, rebuilt or closed.
7. The costs of closing unused driveway openings that are closed in conjunction with the paving program are not directly assessed to the property owner.

Any driveway approach without improved surface shall be paved with a permanent surface in conjunction with a street-paving project. The cost will be assessed to the property.
(S&S 3/3/93 and MSC 9/3/97)

8. The cost of seeding and mulching of terrace areas for an asphalt partial street reconstruction will be assessed uniformly across that street.
9. The cost of replacing defective curb and gutter on an asphalt partial street reconstruction shall be assessed uniformly across that street.
10. The assessment rate for the reconstruction of asphalt or concrete streets will be no greater than the rate for new concrete streets.
11. When reconstructing streets, credit will be given for the remaining useful life of existing pavements calculated on current costs of construction. For this purpose the useful life of pavements shall be established as follows:
 - a. Curb and Gutter – 20 years.
 - b. Asphalt Surfacing – no curb and gutter – 1 year
 - c. Asphalt Partial Reconstruction or Overlay – 15 years
 - d. Asphalt Reconstruction – 20 years
 - e. Portland Cement Concrete – 30 years
 - f. Concrete Driveway Aprons – 1 year
12. Trees removed for street reconstruction will be replaced at city expense.
13. The cost of the initial asphalt surface application on a new subdivision gravel street will be billed at the time of official street opening.
14. All asphalt maintenance exclusive of the initial application will be done as general maintenance and at no cost to the abutting property.
15. Assessments for asphalt pavements that are (re) constructed without curb and gutter (City standard) will be calculated by dividing total project cost by assessable frontage.
16. Assessments for trees to be installed on new street paving will be included with paving assessments.

17. If one person owns an entire block as one parcel and the block is zoned R-1 or R-2, the shortest side shall be assessed in full. The remaining sides shall receive up to a 120' discount.
18. On paving projects where there are other contributing sources of funding such as federal, state, or from other units of government, the City rates will be applied. If projected revenue (using the City rates) exceeds the City's share of project costs, then assessment rates will be reduced proportionately so that revenue equals City share of project cost. "City share" of project cost will include, in addition to normal construction costs, items such as right-of-way acquisition, relocation costs, consultant cost, all Department of Transportation administrative and review costs, and any other fees charged by the other participating units of government. (BPW 1/7/97)
19. When the long side of a corner lot falls on the "bulb" or "mouse ear", the assessment shall be calculated as follows:
 - a. Determine a rate per foot by dividing the lump sum per lot charge by the actual footage of the long side.
 - b. The first 120 feet will be charged 25% of the rate calculated in "a" above. The balance of the frontage will be assessed at 100% of the rate calculated in "a" above. (BPW 1/21/98)
20. The requesting property owner, where permitted, shall pay **all additional cost** for indented parking.
21. Additional width at intersection approaches is not assessed unless the entire block is widened. Intersection improvement projects where the entire width of pavement is reconstructed will be assessed.
22. When additional pavement width is required to accommodate on street bike lanes, the extra width beyond what would be required for a standard street design, will not be assessed.
23. Calculation Guidelines:
 - 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 25% (R-2, 50%) of the assessment rate. The balance of the frontage will be assessed at 100% of the assessment rate.
 - b. On lots having multiple frontages, there will be NO assessment for the frontage to which access is legally precluded or fronts on a naturally occurring access barrier such as a steep incline.
 - c. On inside corner or multiple frontage lots, the side or sides precluded from access are not included in the assessment frontage determination.
 - d. On multiple frontage lots where all sides have equal frontage, the side to be considered the short side is the "Addressed" side.
 - e. On cul-de-sac lots, the abutting property owner shall be responsible for cul-de-sac pavement, overbuild costs including the straightaway portion of the affected property. The assessment will be calculated using total assessable cost divided by the number of properties fully or partially abutting the "bulb" according to the number of originally platted lots.
 - f. On "mouse ear" lots, defined as abutting lots to a widening in the road around a curve but not including lots on a cul-de-sac, the front foot dimensions for assessment calculation will be determined by dividing the square footage of the property by the average depth of the lots in the block.

- g. For work abutting only 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.
- h. Definition of "addressed" side: The street with the house number.
- i. No corner lot exception will be provided for combined properties that did not meet the corner lot criteria prior to their combination.

II. SIDEWALKS

A. General Information

SIDEWALKS (Not including New subdivisions)		R-1 Zoning		R-2 Zoning		All Other Zoning	
		New	Recon.	New	Recon.	New	Recon.
	Max. Width	5'	5'	5'	5'	5'	5'
	Max. Thickness	5"	5"	5"	5"	7"	7"
	Assessed at (%)	100%	125%	100%	125%	100%	125%
	Multiple Frontage Reduction	Yes*	Yes*	Yes*	Yes*	None	None
	Base Assessment Rate	Calculated annually based upon the average bid prices for the sidewalk reconstruction, concrete paving reconstruction and asphalt paving reconstruction contracts.					
(Y=Assessed N =Not Assessed) Construction Items		New and Reconstruction not meeting replacement criteria		Reconstruction meeting replacement criteria		Individual Rates (if not included in current Rate above)	
Administrative Fees		Y		N		-	
Property Owner Notification		Y		N		-	
Concrete Sidewalk		Y		N		-	
Seed & Mulch (max. of 18" on each side of walk)		Y		N		-	
Terrace Restoration		Y		N		-	
Sawcutting		N		N		-	
Fine Grading		N		N		-	
Miscellaneous Asphalt		N		N		-	
Stone Base		N		N		-	
Driveway Aprons - Removal and Replacement		Y		n/a		-	
Unclassified Excavation		N		N		-	
Erosion Control		N		N		-	
Drill-in Tie Bars/Dowels/Rebar		N		N		-	
Removal - Sidewalk		N		N		-	

* See Calculation Guidelines

B. Calculation Guidelines - Sidewalks

1. Assessments will be levied according to the front foot dimensions of abutting property, except as noted.
2. Sidewalks on right-of-ways 60 feet or more will be a minimum of 5 feet wide. Sidewalks on right-of ways less than 60 feet will be a minimum of 4 feet.
3. There will be no assessment for sidewalk that meets the replacement criteria as defined in the Sidewalk Maintenance Policy.
4. Assessments will be levied when sidewalks not meeting replacement criteria are replaced at the property owner's request

5. Service walks between the curb and sidewalk will be assessed to the property owner when installed on new subdivision streets.
6. The extra expense of installing a sidewalk beyond the City's standard width or in an unusual manner at the request of the owner will be charged to the abutting property owner.
7. 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.
8. To figure credit for useful life (20 years) of sidewalk: credit = divide age of sidewalk by 20. If less than 1.0, multiply that number by the current assessment rate.
9. For City contract installation, sidewalk assessments shall include a 6% administration fee.
10. Calculation Guidelines:
 - 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 25% (R-2, 50%) of the assessment rate. The balance of the frontage will be assessed at 100% of the assessment rate.
 - b. On inside corner lots where all sides have equal footage, the side to be considered the short side is the "Addressed" side.
 - c. On lots having multiple frontages, there will be NO assessment for the frontage to which access is legally precluded or fronts on a naturally occurring access barrier such as a steep incline.
 - d. On inside corner or multiple frontage lots, the side or sides precluded from access is not included in the assessment frontage determination.
 - e. For work abutting only 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.
 - f. Definition of "addressed" side: The street with the house number.

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%	33%/50%	33%/50%	33%/50%	33%/50%	33%/50%
	Multiple Frontage Reduction	Yes*	Yes*	Yes*	Yes*	None	None
	Current (33% main) Rate	Actual Cost	32.00 \$33.00	Actual Cost	32.00 \$33.00	Actual Cost	32.00 \$33.00
(Y=Assessed N =Not Assessed)							
Construction Items		New	Reconstruction	Individual Rates (if not included in current Rate above)			
Administrative Fees		Y	Y	-			
Property Owner Notification		Y	Y	-			
Sanitary area assessment		Y	Y	-			
Sanitary Sewer Main		Y	Y	-			
Sanitary Manholes		Y	Y	-			
Drop Manholes		Y	Y	-			
Manhole Castings		Y	Y	-			
Sanitary Laterals (50% Rate)		Y	Y	\$33.00 \$34.00			
Lateral Connections		Y	Y	-			
Pipe Bedding		Y	Y	-			
Pipe Backfill Material		Y	Y	-			
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	\$28.00- \$29.00	Actual Cost	\$28.00- \$29.00	Actual Cost	\$28.00-\$29.00
(Y=Assessed N =Not Assessed)							
Construction Items		New		Reconstruction		Individual Rates (if not included in current Rate above)	
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" = \$25-\$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)			
Construction Items	New	Reconstruction	Individual Rates (if not included in current Rate above)
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.

IX. NEW SUBDIVISIONS
A. General Information

NEW SUBDIVISION DEVELOPMENT		Subdivisions Platted prior to 1/1/04	Subdivisions Platted after 1/1/04
	Funding Mechanisms	Private Contracts / City Funds (Assessable)	Private Contracts / Standby Lines of Credit
	Development Agreement	No	Yes
	Assessed at (%)	100%	100%
	Assessment Rates	Actual Costs Incurred.	Actual Costs Incurred.
Construction Items		(Y=City Funded/Escrow Draws D=Developer Financed)	
City Administrative Fees		Y	Y
Area Assessment - Sanitary		Y	Y
Park Fees		Y	D
Regional Stormwater Facilities		Y	Y
Sewer Televising		Y	Y
Temporary Asphalt Pavement		Y	Y
Concrete Pavement		Y	D
Sidewalks		Y	D
Boulevard Trees		Y	D
Street Name Signs		Y	Y
Traffic Control Signs		Y	Y
Sanitary Sewer		D	D
Sanitary Overbuild		D	D
Storm Sewer		D	D
Storm Overbuild		D	D
Water Main		D	D
Water Main Overbuild		D	D
Sanitary Laterals		D	D
Storm Laterals		D	D
Water Services		D	D
Rear-yard Drains		D	D
Grading & Graveling (Right-of-way)		D	D
Lot Grading		D	D
Private Utilities (Gas, Electric, Telephone, Cable TV)		D	D
Seed & Mulch (Right-of-way)		D	D
Seed & Mulch (Lot areas)		D	D
Street Lights		D	D
Erosion Control		D	D

B. Calculation Guidelines – New subdivisions

1. New Subdivision Development assessments must be paid as a lump sum payment at due date.
2. The City does not provide funding for New Subdivisions platted after January 1, 2004 except as indicated in the chart above. Escrow accounts or irrevocable lines of credit will be required of developers for all items administered or installed by the City.
3. Engineering fees for new subdivision developments shall be included in assessments. Included shall be preparation of plans and specifications, consultant fees, material testing fees, field survey, inspection and assessment preparation.
4. Individual lots within but not part of a new development when funded by the city shall be assessed at the current city interest rate.
5. Extraordinary sanitary sewer construction costs not to be assessed include pipes larger than 12" and depths greater than 16' when project funded by the city.
6. Typical residential street lighting will consist of 100-watt sodium vapor lamps on a wooden pole, mounted 30 feet high, spaced 250 to 300 feet apart.
7. The effective date for interest to begin accumulating on new subdivision developments will be the date of invoice. This includes all city utilities and street work.
8. Storm sewer area assessment for regional facilities built prior to 3-1-2006 shall be based on the cost of storm sewer needed to serve the subdivision and the share of downstream trunk main.

X. SPECIAL CHARGES

A. General definition

1. Special charges shall accrue interest starting 30 days following the invoice date. Interest shall accrue at the same rate as for special assessments. (Board of Public Works, June 6, 1990).

XI. METHOD OF PAYMENT

A. General Definition

1. Lump sum payment to be paid at due date.
2. One installment if the assessment is \$1000 or less.
3. Five equal annual installments if the assessment is greater than \$1000.
4. Deferred payments will bear an interest at the rate of 9% **prime plus 3%** per annum on the unpaid balance.
5. Separate current year special assessment bills may be combined to establish eligibility for the \$1000 limit for installment payment options. Finance Department must be notified prior to November 1.

XII. MISCELLANEOUS

1. Deferred payment of special assessments is not permitted. (See WI Statutes Chapter 74.)
2. Any construction project where right-of-way acquisition would contribute to 25% or more of the assessment rate shall be brought to the Board of Public Works for review and establishment of an appropriate assessment rate. In establishing this rate, the Board will consider assessment rates for similar projects and any other information it considers relevant

XIII. REFERENCED ITEMS

1/17/83 Street and Sanitation Committee #3

The following policy concerning sump pump discharges adopted, "When streets are paved where storm sewer laterals exist, curb openings for sump pump discharges or surface drainage shall not be allowed."

7/06/83 Street and Sanitation Committee #6

Most of this information has been put in Appendix IX Stormwater/Clear Water Discharges

3/03/93 Street and Sanitation Committee #10

Any driveway adjacent to a street paving project that is not used will be closed with curb and gutter and will have the terrace reseeded in conjunction with the street paving. The cost of this work is to be included with the assessment for curb and gutter on the project.

Any driveway aprons without improved surfaces shall be either paved with permanent surface or abandoned and closed in conjunction with a street paving project. The cost of either option will be assessed to the property.

2/02/94 Board of Public Works Report - This was adopted as part of the assessment policy.

"Publicly owned property, including lands under the jurisdiction of the Board of Education, Park Board, Water Department and other branches of city, state or county governments, and churches and private schools be assessed 100% of the assessment rate.

11/16/94 Municipal Services Committee #2 - "Resolved, that when a property asks for a second curb cut, the two neighboring properties to each side of the requesting property be notified and asked if they have any problems with the curb cut. If any of the four (4) properties are against the second curb cut, the request must be brought to Municipal Services Committee and Council for approval, thus all neighbors have an avenue for input."

1/18/95 Board of Public Works #3 - The Board reaffirms its previous recommendation that: The special assessment policy for stormwater that recovers 75% of costs from new developers and 40% from existing benefiting owners be approved. Existing is defined as that a building permit has been issued at the time of adoption of the policy by the Common Council.

1/17/96 Board of Public Works – This was adopted with the assessment policy.

Sidewalks B.2 – The assessment rate for reconstruction of sidewalks will be 125% of the rate of new sidewalks.

9/03/97 Municipal Services Committee – Amended Driveway Opening Policy "Any driveway adjacent to a street reconstruction project that is not used will be permanently paved or closed with curb and gutter and will have terrace reseeded in conjunction with the street work.

3/03/99 Board of Public Works – "Resolved, that the repair and replacement of existing sidewalks in the green dot program be paid by the general fund after green dot has gone through the City once. All hazardous sidewalks as defined by City criteria will be replaced at City cost."

5/15/13 Board of Public Works – Prime plus 3% will be the rate set for the 5-year payment option.

XIV. 2011 SPECIAL ASSESSMENT RATES

Sanitary Sewer Reconstruction	\$32.00/ft
Sanitary Sewer Laterals Reconstruction	\$33.00/ft
Storm Sewer Reconstruction up to & including 15" main	\$28.00/ft
Storm Sewer Laterals Reconstruction	6" \$25.00/ft
	8" \$30.00/ft
	10" \$33.00/ft
	12" \$38.00/ft
New Water Main - zoning R1, R2, R3	up to & including 8" main actual cost
zoning C1, C2	up to & including 12" main actual cost
other zoning	up to & including 16" main actual cost

Rates for previous Stormwater Detention Basins (Cost per ERU's)

SE Basin	75% of cost	\$173.25
	40% of cost	92.40
AAL Basin	75% of cost	\$430.20
	40% of cost	229.44
Meade Pond		\$797.04
Holland Pond		\$345.78
Ashbury Pond		\$593.76
Mud Creek South Pond		\$815.00 (2002 basin rate)
Cost for 2003 basins		\$860.00
Southpoint Commerce Park Pond North (K2a)		
Plank Road West		
Cost for 2004 basins		\$915.00
Southpoint Commerce Park Pond South (K2B)		
Cost for 2005 basins		\$1,104.00
Plank Road Northwest Pond		

Public Service Commission of Wisconsin
Appleton Water Department

WATER LATERAL INSTALLATION CHARGE

Subdivision developers shall be responsible, where the main extension has been approved by the utility, for the water service lateral installation costs from the main through the curb stop and box.

When the cost of a utility main extension is to be collected through assessment by the municipality, the actual average water lateral installation costs from the main through the curb stop and box shall be included in the assessment of the appropriate properties.

The initial water service lateral(s), not installed as part of a subdivision development or an assessable utility extension, will be installed from the main through the curb stop and box by the utility, for which the actual cost will be made.

EFFECTIVE: May 1, 2001
PSCW AUTHORIZATION: 190-WR-108
RATE FILE

Public Service Commission of Wisconsin
Appleton Water Department

WATER LATERAL INSTALLATION CHARGE

Water mains will be extended for new customers on the following basis:

- A. Where the cost of the extension is to immediately be collected through assessment by the municipality against the abutting property, the procedure set for under Wis. Stat. 66.0703 will apply, and no additional customer contribution to the utility will be required.
- B. Where the municipality is unwilling or unable to make a special assessment, the extension will be made on a customer-financed basis as follows:
 - 1. The applicant(s) will advance as a contribution in aid of construction, the total amount equivalent to that which would have been assessed for all property under (A).
 - 2. Part of the contribution required in (1) will be refundable. When additional customers are connected to the extended main within ten years of the date of completion, contributions in aid of construction will be collected equal to the amount, which would have been assessed under (A) for the abutting property being served. This amount will be refunded to the original contributor(s). In no case will the contributions received from additional customers exceed the proportionate amount, which would have been required under (A) or will it exceed the total assessable cost of the original extension.
- C. When a customer connects to a transmission main or connecting loop installed at utility expense within 10 years of the date of completion, there will be a contribution required of an amount equivalent to that which would have been assessed under A.

EFFECTIVE: May 1, 2001
PSCW AUTHORIZATION: 190-WR-108