



City of Appleton

100 North Appleton Street
Appleton, WI 54911-4799
www.appleton.org

Meeting Agenda - Final Municipal Services Committee

Tuesday, April 12, 2016

6:30 PM

Council Chambers, 6th Floor

1. Call meeting to order
2. Roll call of membership
3. Approval of minutes from previous meeting

[16-557](#) Minutes from March 22, 2016

Attachments: [Minutes from March 22, 2016.pdf](#)

4. Public Hearings/Apearances

5. Action Items

[16-562](#) Approve Memorandum of Understanding with Appleton Northside Business Association for purchase and installation of American Flags for Richmond Street.

Attachments: [Memorandum of Understanding-Appleton Northside Business .pdf](#)

[16-558](#) Approve Street Occupancy Permit request from Boldt to install a fence along the Morrison Street and Lawrence Street sides of 218 E. Lawrence Street shutting down the Morrison Street sidewalk and reducing the Lawrence Street sidewalk to 5 feet from March 28, 2016 through July 31, 2016 for construction of Appleton YMCA's new entrance.

Attachments: [Street Occupancy Permit Boldt.pdf](#)

[16-563](#) Request from Appleton Downtown Inc. for a street occupancy permit to host a Sidewalk Sale on Saturday, August 6, 2016 from 1:30 p.m. to 6:00 p.m. (during Mile of Music) on the beautification strip from 600 W. College Avenue to 300 E. College Avenue.

Attachments: [ADI-Sidewalk Sale.pdf](#)

- [16-559](#) Award the Purchase and Installation of Appleton's Parking Access and Revenue Control System to TAPCO in an amount not to exceed \$650,000.

Attachments: [Award to TAPCO.pdf](#)

6. Information Items

- [16-560](#) Parking Utility Condensed Income Statement for March, 2016.

- [16-561](#) Inspection Division Permit Summary Comparison Report for March, 2016.

Attachments: [Inspection Division Permit Summary Comparison March 2016.pdf](#)

- [16-569](#) 2015 WDNR Green Tier Legacy Communities Report.

Attachments: [2015 WDNR Green Tier Legacy Communities Report.pdf](#)

7. Adjournment

Notice is hereby given that a quorum of the Common Council may be present during this meeting, although no Council action will be taken.

Reasonable Accommodations for Persons with Disabilities will be made upon Request and if Feasible. Please contact Paula Vandehey at 832-6474 with any questions.



Meeting Minutes - Final
Municipal Services Committee

Tuesday, March 22, 2016

6:30 PM

Council Chambers, 6th Floor

1. Call meeting to order

2. Roll call of membership

Present: 4 - Alderperson Dannecker, Alderperson Coenen, Alderperson Croatt and Alderperson Mann

Excused: 1 - Alderperson Dalton

3. Approval of minutes from previous meeting

16-430 Minutes from March 8, 2016.

Attachments: Minutes from March 8, 2016..pdf

Alderperson Coenen moved, seconded by Alderperson Dannecker, that the Minutes be approved. Roll Call. Motion carried by the following vote:

Aye: 4 - Alderperson Dannecker, Alderperson Coenen, Alderperson Croatt and Alderperson Mann

Excused: 1 - Alderperson Dalton

4. Public Hearings/Appearances

5. Action Items

16-426 Request from Chad Willems, 1318 S. Telulah Avenue, to have his sidewalk snow removal bill of \$75 waived.

Attachments: Chad Willems.pdf

Alderperson Dannecker moved, seconded by Alderperson Coenen, that the Minutes be recommended for denial. Roll Call. Motion carried by the following vote:

Aye: 4 - Alderperson Dannecker, Alderperson Coenen, Alderperson Croatt and Alderperson Mann

Excused: 1 - Alderperson Dalton

16-428 Request from Appleton Downtown, Inc. for Street Occupancy Permits for College Avenue (600 W. College Avenue to 300 E. College Avenue

as follows:

- a. June 4th-July 2nd-"Fiber Rain" in the beautification strip area only.
- b. July 15th-"Chalk on the Town" 1:00 p.m.-9:00 p.m. in the sidewalk area only.
- c. August 19th-"Paint on the Town" 1:00 p.m.-9:00 p.m. in the beautification strip area only.

Attachments: ADI-Art on the Town.pdf

Alderson Dannecker moved, seconded by Alderson Mann, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 4 - Alderson Dannecker, Alderson Coenen, Alderson Croatt and Alderson Mann

Excused: 1 - Alderson Dalton

16-450

Approved parking changes on N. Gillett Street (Summer St to Wisconsin Ave) for a Six-Month Trial Period.

Attachments: Parking changes on N. Gillett Street.pdf

Alderson Dannecker moved, seconded by Alderson Coenen, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 4 - Alderson Dannecker, Alderson Coenen, Alderson Croatt and Alderson Mann

Excused: 1 - Alderson Dalton

6. Information Items

16-431

Annual Parking Report for 2015.

Attachments: City of Appleton Parking Utility 2015 Annual Report.pdf

16-432

Fox Trot Trail update

7. Adjournment

Alderson Coenen moved, seconded by Alderson Mann, that the meeting be adjourned. Roll Call. Motion carried by the following vote:

Aye: 4 - Alderson Dannecker, Alderson Coenen, Alderson Croatt and Alderson Mann

Excused: 1 - Alderperson Dalton

MEMORANDUM OF UNDERSTANDING

CITY OF APPLETON AND APPLETON NORTHSIDE BUSINESS ASSOCIATION

I. THE PARTIES

- 1.01 The City of Appleton ("City"), a Wisconsin municipal corporation with a business address of 100 North Appleton Street, Appleton, WI 54911-4799.
- 1.02 The Appleton Northside Business Association ("ANBA"), a business networking association with a mailing address of P.O. Box 2412 Appleton, WI 54912-2412.

II. THE RECITALS

WHEREAS,

- 2.01 The City leases streetlight poles ("streetlights") located throughout the city of Appleton, including on Richmond Street.
- 2.02 ANBA and the City believe it would be beneficial to the aesthetics of the city and to display patriotism to have American flags ("flags") hung from streetlights along Richmond Street.
- 2.03 ANBA desires to contribute money to the City for the purpose of procuring flags and flag holders to hang flags from streetlights along Richmond Street.

III. THE AGREEMENT

NOW, THEREFORE, it is agreed between the parties as follows:

- 3.01 The previously stated recitals shall be incorporated as part of this Memorandum of Understanding ("Agreement").
- 3.02 The City shall make best efforts to receive written permission from WE Energies to affix flag holders and flags on specific streetlights located on Richmond Street, between College Avenue and Northland Avenue, as specified in Exhibit A.
 - 3.02.1 In the event the City is unable to obtain written permission from WE Energies by or before July 1, 2016, this Agreement shall be void.
- 3.03 ANBA shall provide to the City, in compliance with the City's procurement policy and in an amount left to the discretion of the ANBA, money in an amount adequate to purchase eighty

(80) three foot by five foot (3' x 5') flags and sixty (60) six foot (6'), two- (2) piece aluminum flag holders that rotate with the wind, all of which shall become the property of the City.

- 3.04 Upon ratification of this agreement, the City shall make best efforts to install the flags and flag holders onto the selected Richmond Street streetlight poles as soon as reasonably possible.
- 3.05 The City further agrees to remove the flags from the flag holders in the fall, to properly store the flags, and to place the flags in the flag holders in the spring, repeating this cycle as long as there are serviceable flags.
- 3.06 The City shall use its discretion to select the date(s) the flags are to be put out each spring and taken down each fall. However, flags shall be on display annually from Flag Day (June 14th) through Veterans Day (November 11th).
- 3.07 The City shall use its discretion in determining when a flag is in such condition that it is no longer serviceable as a fitting emblem for display and shall take the appropriate steps to destroy the flag in a dignified way.
- 3.08 The City shall notify ANBA when the City no longer has enough serviceable flags to put in all of the flag holders, at which time ANBA may provide the City additional flags and/or monies to purchase new flags. Should ANBA decline to provide the City additional flags and/or monies to purchase new flags, the City shall be under no obligation to obtain new flags.
- 3.09 In the event there are no longer enough serviceable flags to put in all of the flag holders, the City shall use its discretion in determining which flag holders shall be utilized.

IV. SEVERABILITY CLAUSE

- 4.01 Should any part of this Agreement be found to be illegal, it shall be stricken from the Agreement and the Agreement interpreted as if that clause did not exist.

V. INDEMNIFICATION

- 5.01 For good and valuable consideration described and bargained for within this Agreement, ANBA agrees to indemnify, defend and hold harmless the City and its officers, officials, employees and agents from and against any and all liability, loss, damage, expense, costs (including attorney fees) arising out of this Agreement, caused in whole or in part by ANBA, its officers, officials, employees, volunteers, agents or anyone for whose acts they may be liable, except where caused by the sole negligence or willful misconduct of the City.

IN WITNESS WHEREOF, the parties have caused the foregoing instrument to be executed in three (3) original counterparts on this ____ day of _____, 2016.

Appleton Northside Business Association

Witness: _____
Printed Name: _____

By: _____
Printed Name: _____
Title: _____

Witness: _____
Printed Name: _____

By: _____
Printed Name: _____
Title: _____

City of Appleton

Witness: _____
Printed Name: _____

By: _____
Printed Name: _____
Title : _____

Provision has been made to pay the liability
That will accrue under this agreement.

Approved as to form:

Anthony D. Saucerman, Director of Finance

J:\Attorney\WORD\FORMS\CONTRACT\2016 Contracts\MOU-ANBA Flags on RichmondStreet.doc

James P. Walsh, City Attorney

Paula Vandehey

From: Ross Buetow
Sent: Wednesday, March 23, 2016 3:03 PM
To: Paula Vandehey
Subject: FW: Appleton YMCA Sidewalk Closure

Paula,

Can you place this item (Permanent Street Occupancy Permit) on the next MSC Agenda?

Do you need anything else from Boldt?

Thanks.

Ross

From: Steve Paladini [mailto:Steve.Paladini@Boldt.com]
Sent: Wednesday, March 23, 2016 10:09 AM
To: Ross Buetow <Ross.Buetow@Appleton.org>
Subject: Appleton YMCA Sidewalk Closure

Good Morning Ross-

Per our phone conversation yesterday: Boldt is in the process of constructing a new entrance for the Appleton YMCA. The majority of the work outside includes new footings, steel erection, masonry, glass curtain wall and roofing. This will require that I shut down the sidewalk on the east side of Morrison street for an extended period. I stopped by yesterday and picked up the permit for the first 35 days, which will take care of April. I will need to have it also closed for May, June and July. Our construction fence was shown on our Life Safety Plan sent to Dan Meissner, late February and the side walk closure was approved by Mike Hardy on 3/21.

Please let me know when the additional months are approved and the appropriate fee due to Appleton.

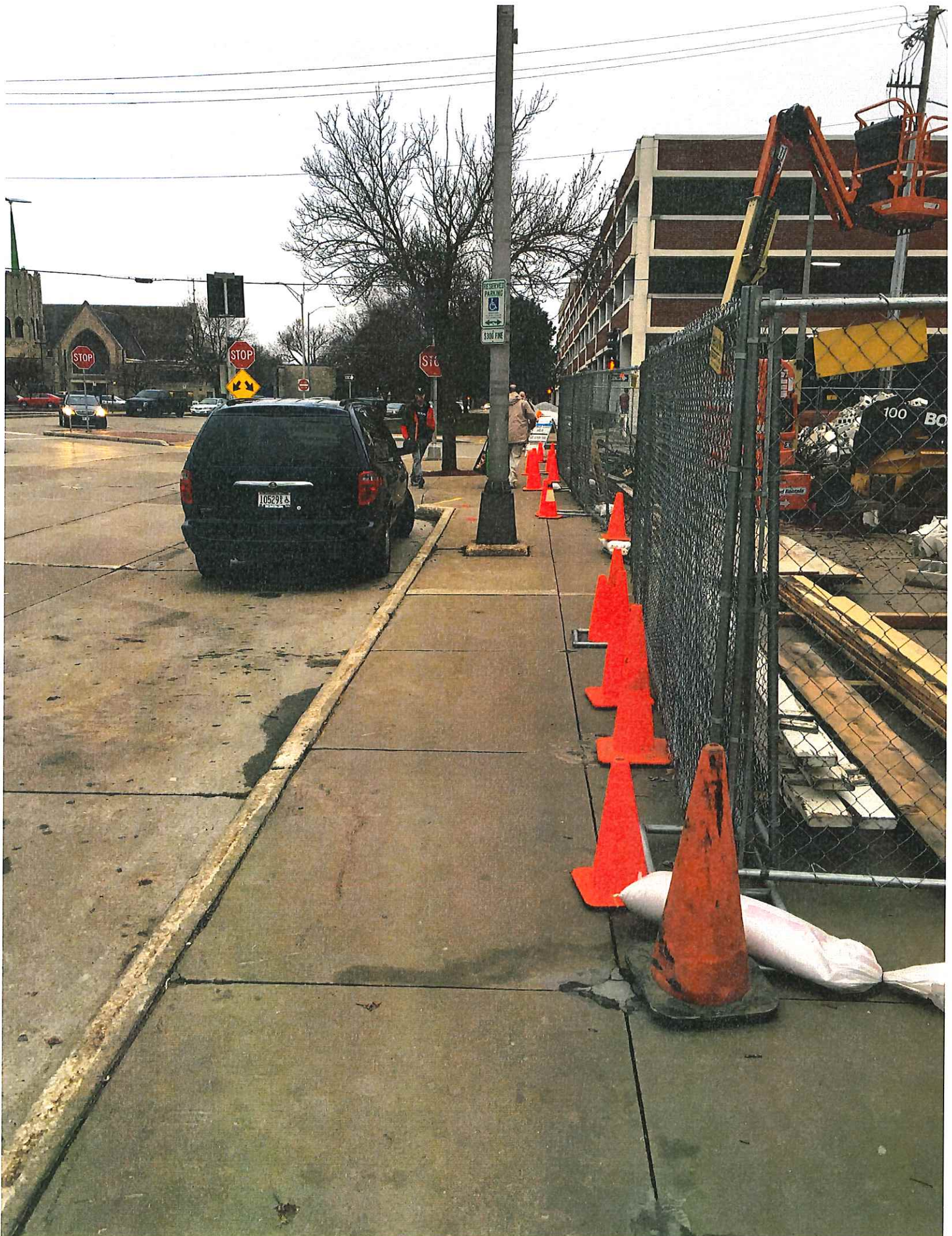
Thank you.

Steve

BOLDT

Steve Paladini | Estimator/Project Manager

P: 920-225-6021 // C: 920-740-6222 // F: 920-739-4409



March 2, 2016

Paula VandeHey, Director
City Of Appleton – Department of Public Works
100 N. Appleton Street
Appleton, WI 54911

Dear Ms. VandeHey,

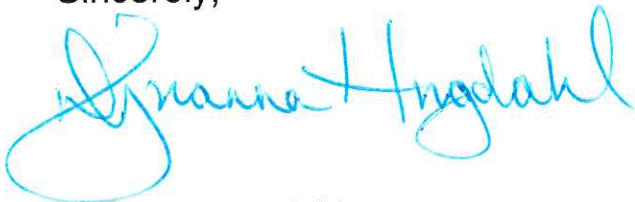
At the request of Willems Marketing, Mile of Music 3 and the downtown businesses; ADI, along with Creative Downtown Appleton Inc. would like to host a Sidewalk Sale on Saturday, August 6 from 1:30 p.m to 6 p.m. The Sidewalk Sale would run after the Downtown Appleton Farm Market is finished, cleaned up and the streets are again open on College Avenue.

We are requesting a Sidewalk Occupancy Permit to cover the amenity strip from the 600 W. College Avenue through 300 E. College Avenue.

Stores will set up in the amenity strip beginning at 1:30 p.m. and will remove goods and supplies by 6 p.m. We will not require any street closures.

Thank you for your consideration.

Sincerely,



Djuanna Hugdahl
Event Coordinator
Appleton Downtown Inc.



"...meeting community needs...enhancing quality of life."

MEMO

TO: Municipal Services Committee

FROM: Paula Vandehey, Director of Public Works *PAV*
Ross Buetow, Deputy Director/City Engineer
Paul DeBaal, Parking Supervisor

DATE: April 7, 2016

SUBJECT: Award the Purchase and Installation of Appleton's Parking Access and Revenue Control System to TAPCO in an amount not to exceed \$650,000.

The 2016 Parking Utility Budget includes funds to convert three (3) parking ramps to a pay-on-exit system. The new Parking Access and Revenue Control System includes the following features:

- Entry stations that include bar-code scanners
- Pay on foot stations that accept credit cards and currency
- Pay in exit lane stations that accept credit cards
- Permit system
- Validation system for pre-paid or reduced fee options
- Intercom system for equipment and operator error
- New gate arms
- New signage
- Software, permit cards, receipt paper, etc.

The Department of Public Works received three (3) qualified responses to our Request For Proposals from TAPCO (TIBA Parking Systems Equipment), HUB (DATAPARK Parking Systems Equipment), and AMANO McGANN. The base bids were:

HUB (DATAPARK) = \$736,247.00
TAPCO (TIBA) = \$737,697.00
AMANO McGANN = \$927,929.00

After opening bids, City staff met with our Downtown Stakeholder Team to determine details (such as the desire for a Hotel Room Card Control System versus a Barcode Validation System) and created a follow-up question list for the vendors. These clarifying decisions lead to some significant credits from the vendors.

Although we were very pleased with all proposals received, we are recommending award to TAPCO based on the following:

1. TAPCO's credits, based on the Downtown Stakeholder Team feedback, resulted in the lowest overall bid.
2. Recent relevant Wisconsin Projects including Monona Terrace Convention Center, Froedtert Memorial Hospital and City of Sheboygan
3. Positive past experience with both TAPCO parking and traffic equipment
4. TAPCO's familiarity with our existing Parking Facilities and operations
5. Barcode validation system offers unlimited options for our diverse customer base
6. Offers the fastest emergency response time required in the Request For Proposals
7. Stocking of spare parts is minimized as TAPCO's Service Department is available 24/365 and is located in Brown Deer, WI.
8. Lowest post-warranty maintenance agreement fees for 5-year period
9. Lowest hourly billing rate for post-warranty maintenance

Therefore, we request approval for the Purchase and Installation of Appleton's Parking Access and Revenue Control System to TAPCO in an amount not to exceed \$650,000.

Department of Public Works Inspections Division

Permit Summary Count YTD Comparison

01/01/16 Thru 03/31/16

Report Date: 4/1/2016



Permit Type	Year Issued	Permit Count	Total Estimated Cost	Total Receipt Amount
BUILDING	2015	148	35,648,743	71,242.16
	2016	119	20,461,463	53,400.63
		-19.59 %	-42.60 %	-25.04 %
DISPLAY SIGN	2015	25	171,821	780.00
	2016	52	474,956	1,560.00
		108.00 %	176.42 %	100.00 %
ELECTRICAL	2015	204	2,199,738	31,474.36
	2016	186	2,034,453	27,190.77
		-8.82 %	-7.51 %	-13.61 %
EROSION CNTL	2015	8		1,300.00
	2016	4		550.00
		-50.00 %	%	-57.69 %
HEATING	2015	169	4,228,759	13,848.88
	2016	199	4,250,424	21,376.84
		17.75 %	0.51 %	54.36 %
PLAN REVIEW	2015	38		12,430.00
	2016	30		9,505.00
		-21.05 %	%	-23.53 %
PLUMBING	2015	131	1,890,978	15,817.00
	2016	126	1,483,219	11,979.00
		-3.82 %	-21.56 %	-24.27 %
SEWER	2015	35	277,375	2,861.00
	2016	44	495,400	4,787.00
		25.71 %	78.60 %	67.32 %
WELL	2016	1		30.00
		%	%	%

Department of Public Works Inspections Division

Permit Summary Count YTD Comparison

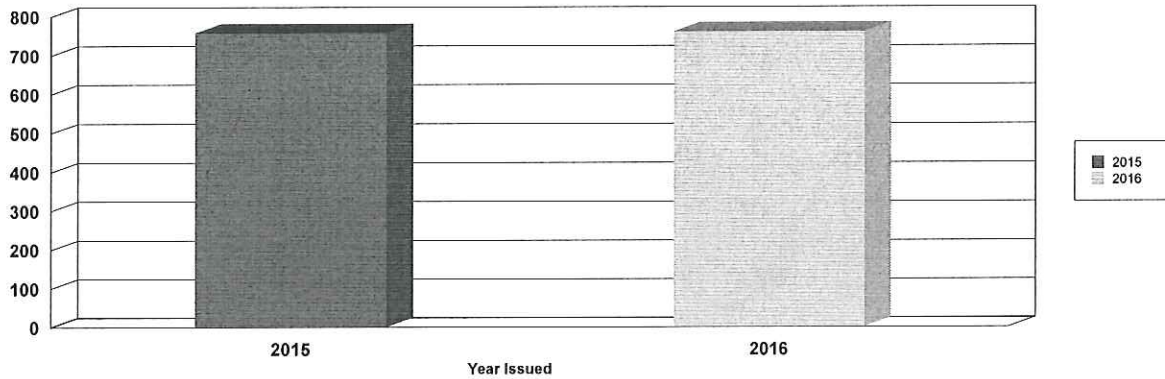
01/01/16 Thru 03/31/16

Report Date: 4/1/2016

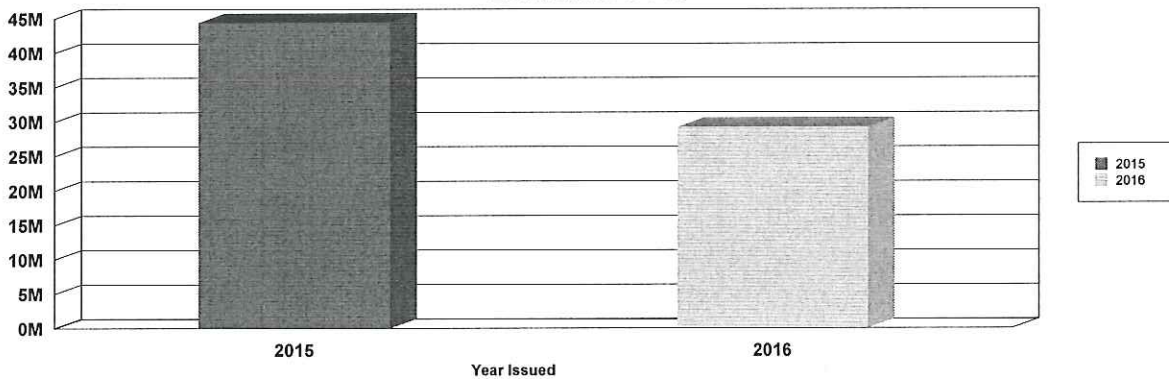


	2015	2016
Permits	758	761
Estimated Cost	44,417,414.00	29,199,915.00
Receipt Amount	149,753.40	130,379.24

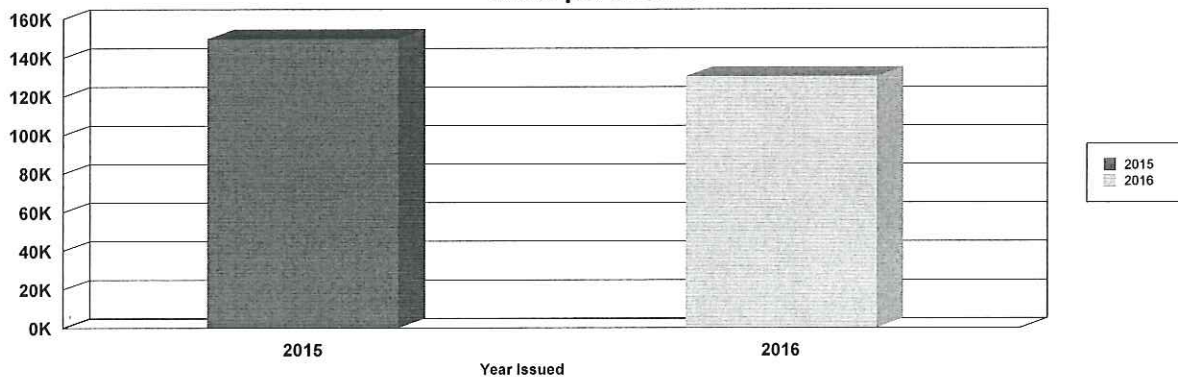
Number of Permits



Estimated Cost



Receipt Amount





2015 GTLC Annual Report

for Appleton's participation in the Sustainability Component of the Green Tier Legacy Communities Charter

MISSION STATEMENT:

The City of Appleton is dedicated to meeting the needs of our community and enhancing the quality of life.

STRATEGIC PLAN (KEY STRATEGIES):

#6 – Encourage Sustainability

TRANSPORTATION

- Added over two miles of new bike lanes as part of the City's On-Street Bike Lane Plan.
- Added one mile of sidewalk where it currently did not exist along Glendale Avenue and various other locations.
- Implemented second year of City's new Sidewalk Poetry Program.
- Purchased new style garbage truck chassis that is more fuel efficient.
- Implemented an automatic idle reduction program for all heavy trucks (Class 7& 8).
- Bike Federation Audit conducted in October, 2015.

LAND USE

- Implemented first year of our Urban In-fill Tree Planting Program.
- Compost Project - The City of Appleton continued a composting demonstration project. This year the project utilized 10,000 yards of yard waste (e.g., brush and leaves) from curbside collections. The yard waste is a good source of carbon. In order to compost, nitrogen is needed (i.e., 2,500 tons) which can be found in the wastewater treatment plant biosolids. The mixture of yard waste and biosolids was placed into windrows and allowed to compost. The material is turned and ultimately reaches temperatures in excess of 160 degrees F. The finished compost was used by landscapers, the highway department, contractors and public giveaways.
- Remediated buckthorn on Trails and in Telulah Park.
- Expanded GIS mapping to include flood reported locations.

ENERGY

- Wastewater Treatment Plant – A project was developed to construct an alternate mode of mixing for the (2) 2.2 million gallon digesters. The tanks currently require a significant amount of energy. The project, when complete in 2016, will result in sliding vane compressors with valve and gas metering upgrades and all of which is projected to reduce energy consumption by 1,300 kWh/day.
- Water Plant - Ultraviolet Light Process Project – the city's water treatment plant has completed a \$5.8 million dollar project to upgrade the water treatment facility with an ultraviolet light process. The process effectively reduces water borne pathogens and eventually will replace the ultrafiltration process. These upgrades will be transitioned to in 2016. The reduced electrical consumption is estimated to be 21.2 kW in a peak water production scenario.
- Purchased and are currently replacing all wall packs with LED lighting throughout thirty park sites.
- Replaced all exterior wall packs and street pole lighting throughout the Wastewater Plant with LED lighting.
- Installed LED lighting at skateboard park parking lot.

- Completed pilot project to retrofit existing High Pressure Sodium light fixtures with energy efficient LED lights in a portion of the Green Ramp while utilizing existing housings to reduce installation costs.
- Worked with ADI to purchase LED bulbs for Christmas decorations.

WATER

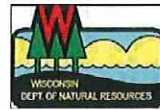
- Phosphorus Reduction Project – An engineering study of wastewater treatment capacity to treat phosphorus and suspended solids was completed in 2015. The engineering study bench tested iron salts and polymers prior to a full scale demonstration project. The study also evaluated a number of “outside the plant” alternatives to in plant treatment. The wastewater treatment plant performed well in these phosphorus tests often meeting the future, more stringent, limit of 0.2 mg/L.
- Staff from the Department of Public Works participated in Fox River Cleanup Day held on Saturday, April 25, 2015.
- Appleton’s first full year installing Advanced Metering Infrastructure system for water meter reading and residential cross connection survey.
- Relayed over 3 miles of old, leaking watermain.

WASTE

- Purchased 10 additional automated recycling carts for College Avenue in Downtown Appleton.
- Worked with a company to exchange our wood chips for their labor and equipment to screen our pile of stump grinding material providing a nice top soil type material for use on city projects.

LEGACY COMMUNITIES SUSTAINABLE STRATEGIES

A copy of the Legacy Communities Sustainable Strategy Spreadsheet (aka Appendix 3 of the Legacy Communities Charter) is included as an attachment to this report for years 2011, 2015 and 2016 (goal). The baseline year (2011) was ~152 out of 322 points. We increased to 230 points in 2015. Our adjusted goal for 2016 is 241 points.

City of
Appleton
2011
Baseline*City of
Appleton
2015City of
Appleton
2016
Goal*Field
Value**Wisconsin Legacy Communities Strategy Options**

(Last Revised 12-29-2015 by Dean Gazza)

The purpose of the strategy options matrix is to provide a broad list of best management practices that encompass several elements of sustainability including transportation, energy, land use, water, and waste. This list is not inclusive.

Prospective signatories should use the strategy options to gauge environmental performance and then use this baseline to strive for superior results.

Superior environmental performance may be achieved when municipalities use the strategy options to develop a sustainability plan that reduces their overall negative impact on the environment.

TRANSPORTATION DEMAND MANAGEMENT:

Transportation demand management strategies aim to reduce GHG emissions and VMT by influencing change in individual behavior. These strategies encourage walking, bicycling, and transit as modes of transportation within a community and seek to curb the number and length of trips by vehicle.

Bicycle and Pedestrian Programs/Projects

2	Require bike parking for all new non-residential and multifamily uses.	0	0	2
1	Set standards for placement and number (as function of intensity of use) for bike parking spaces.	0	1	1
3	Commuter bike routes identified and cleared.	3	3	3
5 to 10	League of American Bicyclists certification. (Bronze 5, Silver 7, Platinum 10)	0	5	5
3	Funded and operating SRTS program (or functional equivalent) covering at least 10 percent of students.	0	3	3
1	Conduct annual survey of students' mode of transport to school.	0	0	1
	Employer-Based Programs			
5	Require large employers seeking rezoning to set a price signal (cash-out or charge).	0	0	0
5	Require large employers seeking rezoning to provide subsidized transit.	0	0	0
5	Require large employers seeking rezoning to provide a TDM plan that would reduce trips by 20 percent over business as usual.	0	0	0
	Traffic Volume			
3	Track VMT or traffic counts and report on efforts at reduction (including those on this list).	1	2	2
3	Eliminate parking minimums from non-residential districts.	0	0	0
5	Set parking maximums at X per square feet for office and retail uses.	0	0	0
5	Scheduled transit service at basic level (hour peak service within half-mile of 50 percent of addresses).	0	0	0
10	Scheduled transit service at enhanced level (half-hour peak service within 75 percent of addresses).	0	0	0

TRANSPORTATION SYSTEM MANAGEMENT

Transportation system management strategies aim to reduce GHG emissions and VMT by improving the overall performance of a transportation system. These strategies improve existing infrastructure, introduce new technology, and plan for the future of the system.

Preservation and Improvement

3	Develop and fully fund comprehensive maintenance program for existing roads.	3	3	3
1 to 5	Charge impact fees for new roads.	0	2	2
5	Calculate lane-miles per capita for arterials and collectors, and show reductions	5	5	5
5	Prepare a plan identifying disconnections in bike and pedestrian networks, prioritizing fixes and identifying potential funding sources for the most important projects.	3	5	5
5	Any proposal to add lanes to a two-lane roadway shall be evaluated for a center turn lane, the preferred option over an expansion to four lanes.	0	5	5
3	Identify four-lane roadways with fewer than 20,000 vehicles per day (AADT) and evaluate them for "road diets" with bike lanes or on-street parking	2	3	3

Electric Vehicles

1	Allow NEVs on appropriate roadways.	1	1	1
2	Provide public charging stations	0	0	1

Vehicle Idling

2	Ban idling (more than 5 minutes) with local government vehicles.	2	2	2
5	Ban idling (more than 5 minutes) community-wide.	0	0	2

ZONING AND DEVELOPMENT

Zoning and development strategies work toward improving the overall environmental, economic, and social health of a community by promoting mixed-use and infill development, walkable neighborhoods, and an overall sustainable lifestyle.

Infill Development

5	Identify priority areas for infill development, including those eligible for brownfields funding.	5	5	5
1	Create land bank to acquire and assemble priority infill sites	0	0	0
1	Develop an inventory of known contaminated properties for reuse planning, with possible GIS application	1	1	1

*Please note that these numbers are estimates made by Dean Gazza, Director of Parks, Recreation and Facilities Management, Paula Vandehey, Public Works Director and Karen Harkness, Community Development Director on Oct. 12, 2011 for initial comparisons against other Green Tier Legacy Communities. Please do not cite these numbers without first consulting Dean Gazza at (920) 832-5572 or dean.gazza@appleton.org

T
R
A
N
S
P
O
R
T
A
T
I
O
NZ
O
N
I
N

Walkscore				
10	Measure Walkscore at 10 random residential addresses per Census tract, compute average, and improve upon overall score	0	5	5
Zoning				
5	Adopt traditional neighborhood design ordinance (if population is less than 12,500)	0	5	5
5	Zoning for office and retail districts permits floor-area ratio > 1, on average.	3	3	3
8	Zoning for office and retail districts requires floor-area ratio > 1, on average.	0	0	0
5	Zoning code includes mixed use districts	10	10	10
8	Mixed-use language from Smart Code TBA.	0	5	5
NATURAL RESOURCE MANAGEMENT				
Natural resource management strategies seek to conserve, preserve, protect and promote a community's greenspace, wildlife, wetlands and waterways for this and future generations by promoting pervious surfaces and adequate setbacks.				
Canopy				
3	Adopt tree preservation ordinance per GILC standards.	0	3	3
4	Set a tree canopy goal and develop a management plan to achieve it	1	3	3
2	Require trees to be planted in all new developments	2	2	2
2	Certification as Tree City USA	2	2	2
Mowing				
2	Local government rights of way mown or cleared only for safe sightlines and/or to remove invasive species.	1	2	2
Water Protection				
10	Establish 75-foot natural vegetation zone by surface water.	10	10	10
5	Inventory wetlands and ensure no net annual loss.	2	5	5
COMMUNITY ENERGY USE				
Community energy use strategies encourage energy efficiency and the use of renewable fuels to reduce total energy consumption throughout the community				
Community Energy Use Policies				
6	Use PACE financing	0	0	0
1	Watt meters available to the public	1	1	1
10	Adopt Residential Energy Conservation Ordinance (time-of-sale certification and upgrades).	0	0	0
Measuring Community Energy Use				
4	Work with local utilities to calculate total electricity and natural gas consumption annually, beginning with the fifth year before entering the program.	4	4	4
1	State of Wisconsin Energy Independent (EI) Community designation.	0	1	1
MUNICIPAL ENERGY USE				
Municipal energy use strategies encourage municipal employees to conserve energy, preserve the environment, and decrease greenhouse gas emissions from municipal facilities, services, and vehicle fleets.				
Government Energy Use Policies				
5	Include transportation energy/emissions as criterion in RFPs for purchases of goods over \$10,000.	0	0	3
3	Develop list of lighting, HVAC and shell improvements to raise Energy Star Portfolio Manager or LEED EBO&M score	3	3	3
3	Reduce motor fuels use for non-transit activities –	1	3	3
6	Provide transit passes at 50 percent or more off the regular price and/or provide parking cash-out options for local government employees.	0	0	0
5	Streetlights operate at 75 lumens/Watt or higher	5	5	5
3	Stoplights are LED or functional equivalent	3	3	3
5	Municipal electricity purchases are at least 5 percentage points higher in renewable content than the statewide renewable portfolio standard requires. Calculation may include self-generated power and purchased offsets.	0	3	3
Measuring Government Energy Use				
5	Complete EPA Energy Star Portfolio Manager spreadsheet for government energy use. Or score existing buildings with LEED EBO&M.	0	3	5
2	Calculate annual government fleet use of motor fuels, in gallons of petroleum and biofuels, beginning with the fifth year before entering the program.	1	2	2
10	All new and renovated municipal buildings must meet LEED Silver or greater.	0	0	0
WATER USE CONSERVATION				
Water Conservation strategy options set baselines and goals for water and energy performance in municipalities. They measure progress and promote water conservation by the government, business, and the community at-large.				
Water Conservation				
5	Track water and sewer use annually, beginning with fifth year before entering program, and develop plan for reductions.	5	5	5
4	Develop a water loss control plan with targets below the 15% required by the state and include a system-wide water audit implementation and time table	4	4	4
2	Join EPA's WaterSense Program for water utilities or the Groundwater Guardian Green Sites program and promote them to local business.	2	2	2
6	Use block rates and flat rates to encourage water conservation among residential, commercial, and industrial users.	5	5	5
1	Financial assistance for sewer lateral replacements.	0	0	0
2 to 6	Upgrade water utility equipment (e.g., variable frequency drive motors) to achieve energy efficiency.	6	6	6
3	Infiltration and inflow reduction by 10%	3	3	3
5	Wastewater biogas captured and used in operations.	5	5	5

W A T E R	5	Plan for replacing all toilets using > 1.6 gpf and annual progress sufficient to reach 90 percent replacement in 10 years.	3	5	5
		<u>Local Government Use</u>			
	2	Install waterless urinals in men's restrooms at municipal facilities (city hall, parks, etc.)	0	0	0
	3	All outdoor watering by local government, excluding parks and golf courses, from rain collection.	2	3	3
	4	Develop a water efficiency and conservation plan for municipal buildings	1	4	4
		<u>STORMWATER MANAGEMENT</u>			
		Stormwater Management strategy options encourage the use of best management practices to achieve a reduction in the amount of harmful pollutants introduced to our streams, rivers, and lakes.			
	3	Develop a regular street sweeping program to reduce total suspended solids	3	3	3
	3	Stormwater utility fees offer credits for best management practices such as rain barrels, rain gardens, and pervious paving	3	3	3
	2	Inventory all paved surfaces (e.g., by GIS mapping), and develop a plan for reduction	2	2	2
W A S T E	2	Work with commercial or light industrial businesses to develop stormwater pollution plans	1	2	2
		<u>WATER AND DEVELOPMENT</u>			
		Water and Development strategy options link water conservation and the preservation of land, wetlands, and wildlife habitat while promoting compact development, restoration and rehabilitation efforts, and long-term planning.			
		<u>Land Development</u>			
	5	Identify key green infrastructure areas during plan development and/or implement a plan to acquire and protect key green infrastructure areas	5	5	5
		<u>Waters, Wetlands, and Wildlife</u>			
	1 to 6	Replace concrete channels with re-meandered and naturalized creeks, wetlands, or swales	6	6	6
	3	Develop a system for identifying culverts that obstruct fish migration and install fish friendly culverts where needed	1	3	3
	4	Provide incentives for protection of green infrastructure, sensitive areas, important wildlife habitat, or for the restoration or rehabilitation of wetlands or other degraded habitats such as credit towards open space or set-aside requirements	2	4	4
		<u>WASTE MANAGEMENT AND REDUCTION</u>			
		Waste Management and Reduction strategy options encourage municipalities and their citizens to divert organics and recyclables from landfills and properly dispose of hazardous materials in an effort to reduce waste in a community.			
	3	Community waste stream monitored at least annually . Waste reduction plan prepared and updated annually	3	3	3
	4	Waste and materials management plan based on "zero-waste" principles, with specific goals, prepared and updated annually	2	4	4
	3	Construction/deconstruction waste recycling ordinance	2	3	3
	3	Mandatory residential curbside recycling pickup that covers paper, metal cans, glass and plastic bottles	3	3	3
	5	Develop a municipal collection program that encourages the diversion of food discards, yard materials, and other organics from landfills to composting or anaerobic digestion with energy recovery	2	5	5
	3	Develop and promote programs that dispose of household hazardous, medical, and electronic waste	3	3	3
	4	Use anaerobic digesters to process organic waste and produce energy	0	4	4
	3	Implement municipal ordinances requiring manufacturer takeback for fluorescent bulbs, thermostats and other mercury-containing devices	0	1	1
	2	Ordinances in place to reduce the usage of phone books as well as single-use shopping bags, styrofoam food containers and other disposable packaging	0	2	2
	2	Pay-as-you-throw system implemented by municipality or required of private waste haulers	2	2	2
	1	Use public education and outreach to promote recycling, backyard composting, product re-use and waste reduction	1	1	1
322			152	230	241
			47%	71%	75%