



City of Appleton

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

Meeting Agenda - Final Finance Committee

Monday, April 23, 2018

5:30 PM

Council Chambers, 6th Floor

1. Call meeting to order

2. Roll call of membership

3. Approval of minutes from previous meeting

[18-0572](#) Finance Committee meeting minutes from April 9, 2018 and April 11, 2018

Attachments: [MeetingMinutes09-Apr-2018-01-15-25.pdf](#)

[MeetingMinutes11-Apr-2018-01-14-34.pdf](#)

4. **Public Hearings/Appealances**

[18-0573](#) Mark Zelinski - Appleton Yacht Club Annual Report

5. **Action Items**

[18-0574](#) Election of Vice-Chair

[18-0575](#) Election of Tax Appeals Board Member

[18-0576](#) Election of Central Equipment Agency Board Member

[18-0577](#) Appoint Contact Person

[18-0578](#) Set Meeting Day and Time

[18-0579](#) CEA Review Committee Report

Attachments: [CEA Review MeetingMinutes04-Apr-2018-03-51-12.pdf](#)

[18-0580](#) Request to accept awards from the Fox River Greenway Fund partnership grant program

Attachments: [2018 Fox River Greenway Fund \(3\).pdf](#)

- [18-0586](#) Request to award Unit D-18 Sidewalk Construction to Al Dix Concrete, Inc in an amount not to exceed \$290,000.

Attachments: [Award of Contract Unit D-18.pdf](#)

- [18-0587](#) Request to approve Finance Committee Report 3-P-18 for Concrete Pavement, Sidewalk Construction and Driveway Aprons.

Attachments: [Report 3-P-18.pdf](#)

- [18-0591](#) Request to award the 2018 Scheig Center Redevelopment project to Vinton Construction Company in the amount of \$91,120 with a contingency of \$4,556 for a project total not to exceed \$95,976 and approve the following 2018 Budget Adjustment:

Parks, Recreation & Facilities Management Fund

2017 Lutz Park Trail & Riverbank Project	- \$8,226
2018 Scheig Center Redevelopment Project	+\$8,226

to record transfer of the positive balance from the Lutz Park Trail & Riverbank project to the Scheig Center Redevelopment project.

Attachments: [Scheig Center Redevelopment and Budget adjustment.pdf](#)

6. Information Items

- [18-0581](#) 2018 Sustainability Annual Update

Attachments: [2018 Sustainability Report Memo.pdf](#)

[2018 Sustainability Summit.pdf](#)

[GTLC 2017 Report Appleton \(MASTER\).pdf](#)

[GTLC Sustainability Strategies Scoresheet 2017 \(Master\).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.

For questions regarding this agenda, please contact Tony Saucerman at (920) 832-6440.



City of Appleton

100 North Appleton Street
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Meeting Minutes Finance Committee

Monday, April 9, 2018

5:30 PM

Council Chambers, 6th Floor

1. Call meeting to order

Meeting called to order at 5:30pm.

2. Roll call of membership

Present: 5 - Alderperson Plank, Alderperson Lobner, Alderperson Siebers, Alderperson Croatt and Alderperson Baranowski

3. Approval of minutes from previous meeting

[18-0488](#)

Finance Committee minutes from March 26, 2018 meeting

Attachments: [MeetingMinutes26-Mar-2018-04-08-36.pdf](#)

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

Aye: 5 - Alderperson Plank, Alderperson Lobner, Alderperson Siebers, Alderperson Croatt and Alderperson Baranowski

4. Public Hearings/Apearances

5. Action Items

[18-0489](#)

Request for City of Appleton to waive 710 feet of sidewalk and concrete paving special assessments for the Trail View Estates Development (east side of Cherryvale Drive) as long as that portion of the parcels remain undeveloped.

Attachments: [Trail View Estates.pdf](#)

Alderperson Baranowski moved, seconded by Alderperson Croatt, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 5 - Alderperson Plank, Alderperson Lobner, Alderperson Siebers, Alderperson Croatt and Alderperson Baranowski

[18-0490](#)

Request permission to sell the 2006 Ford F250 3/4 Ton crew cab pickup truck to the Princeton Fire Department for \$8,000.

Attachments: [Request to Sell Haz-Mat Pickup Truck to Princeton Fire Department.pdf](#)

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

Aye: 5 - Alderson Plank, Alderson Lobner, Alderson Siebers, Alderson Croatt and Alderson Baranowski

[18-0491](#)

Request to award the 2017 Wastewater Sidewalk Repair project contract to Martell Construction, Inc in the amount of \$36,468 with a contingency of 10% for a project total not to exceed \$40,115.

Attachments: [2017 Wastewater Sidewalk Repairs.pdf](#)

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

Aye: 5 - Alderson Plank, Alderson Lobner, Alderson Siebers, Alderson Croatt and Alderson Baranowski

[18-0496](#)

Request to award contract for Unit E-18 Miscellaneous Concrete and Street Patch Repair to Fischer-Ulman Construction in an amount not to exceed \$636,000.

Attachments: [E-18 Misc Concrete and Street Excav Repair.pdf](#)

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

Aye: 5 - Alderson Plank, Alderson Lobner, Alderson Siebers, Alderson Croatt and Alderson Baranowski

[18-0499](#)

Request for City of Appleton to waive the sidewalk special assessment for 1143 W. Cedar Street in exchange for dedication of 850 SF of property needed to construct the wide sidewalk/multi-purpose sidepath.

Attachments: [Cedar St Memo.pdf](#)
 [Cedar Street Drawing.pdf](#)

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

Aye: 5 - Alderperson Plank, Alderperson Lobner, Alderperson Siebers, Alderperson Croatt and Alderperson Baranowski

6. Information Items

[18-0497](#)

Contract 5-17 was awarded to Kruczek Construction, Inc for \$3,092,000 with a contingency of \$154,600 for Oneida Street Sewer/Water Construction. Payments issued to date total \$2,890,874.92. Request final payment of \$68,643.63.

This Presentation was received and filed

[18-0498](#)

Director's Reports

Finance

- FCEC Bonds

Parks, Recreation & Facilities

- 2018 Monthly Report

Attachments: [2018 - March FMD Report.pdf](#)

This Presentation was received and filed

7. Adjournment

Alderperson Baranowski moved, seconded by Alderperson Croatt, that the meeting be adjourned. Roll Call. Motion carried by the following vote:

Aye: 5 - Alderperson Plank, Alderperson Lobner, Alderperson Siebers, Alderperson Croatt and Alderperson Baranowski



City of Appleton

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Meeting Minutes Finance Committee

Wednesday, April 11, 2018

6:00 PM

Council Chambers, 6th Floor

Special

1. Call meeting to order

Meeting called to order at 6:00 pm

2. Roll call of membership

Present: 3 - Alderperson Plank, Alderperson Lobner and Alderperson Siebers

Excused: 2 - Alderperson Croatt and Alderperson Baranowski

5. Action Items

[18-0508](#)

Request for approval of Amended and Restated Municipal Room Tax Ordinance

Attachments: [Exhibition Center - Amended Restated Municipal Room Tax Ordinance .pdf](#)

Alderperson Siebers moved, seconded by Alderperson Lobner, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 3 - Alderperson Plank, Alderperson Lobner and Alderperson Siebers

Excused: 2 - Alderperson Croatt and Alderperson Baranowski

[18-0509](#)

Request for approval of Fox Cities Room Tax Fiscal Agency Agreement

Attachments: [Appleton RDA 2018 Exhibition Center - Fox Cities Room Tax Fiscal Agency Agreement.pdf](#)

Alderperson Lobner moved, seconded by Alderperson Siebers, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 3 - Alderperson Plank, Alderperson Lobner and Alderperson Siebers

Excused: 2 - Alderperson Croatt and Alderperson Baranowski

7. Adjournment

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

Aye: 3 - Alderson Plank, Alderson Lobner and Alderson Siebers

Excused: 2 - Alderson Croatt and Alderson Baranowski



City of Appleton

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Meeting Minutes CEA Review Committee

Wednesday, April 4, 2018

3:00 PM

Council Chambers, 6th Floor

1. Call meeting to order
2. Roll call of membership

Present: 4 - Vandehey, Saucerman, Alderperson Croatt and Alderperson Lobner

3. Approval of minutes from previous meeting

[18-0454](#)

Minutes from June 12, 2017

Attachments: [Minutes from June 12, 2017.pdf](#)

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

Aye: 4 - Vandehey, Saucerman, Alderperson Croatt and Alderperson Lobner

4. Public Hearings/Appealances

5. Action Items

[18-0455](#)

Award Fuel Site Consulting Contract to Endpoint Solutions in the amount of \$30,630 plus a \$1,370 contingency for a project total not to exceed \$32,000.

Attachments: [Fuel Site Consulting Services-Endpoint Solutions.pdf](#)

Alderperson Croatt moved, seconded by Saucerman, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 4 - Vandehey, Saucerman, Alderperson Croatt and Alderperson Lobner

[18-0456](#)

Request to upgrade single axle truck #30 with dual auger front salting units when replaced in 2019 for a total additional cost of \$3,000.

Attachments: [Upgrade singel axle truck #30.pdf](#)
 [Photo of single axle truck #30.pdf](#)

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

Aye: 4 - Vandehey, Saucerman, Alderson Croatt and Alderson Lobner

[18-0457](#)

Request to upgrade car #283 to a 4WD pickup truck when replaced in 2019 for a total additional cost of \$8,600.

Attachments: [Upgrade car #283 to a 4WD pick up truck.pdf](#)

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

Aye: 4 - Vandehey, Saucerman, Alderson Croatt and Alderson Lobner

[18-0458](#)

Approve 2018 Seasonal Vehicles.

Attachments: [Approve 2018 Seasonal Vehicles.pdf](#)

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

Aye: 4 - Vandehey, Saucerman, Alderson Croatt and Alderson Lobner

[18-0459](#)

Request to upgrade sedan #801 to a mini-van when replaced in 2019 for a total additional cost of \$3,100.

Attachments: [Replacement Vehicle for CEA #801.pdf](#)

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

Aye: 4 - Vandehey, Saucerman, Alderson Croatt and Alderson Lobner

[18-0462](#)

Request to upgrade truck #1515 to a truck with a utility service body when replaced in 2019 for a total additional cost of \$2,250.

Attachments: [Upgrade to unit #1515.pdf](#)

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

Aye: 4 - Vandehey, Saucerman, Alderson Croatt and Alderson Lobner

6. Information Items

7. Adjournment

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

Aye: 4 - Vandehey, Saucerman, Alderson Croatt and Alderson Lobner



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

**PARKS, RECREATION & FACILITIES
MANAGEMENT**

Dean R. Gazza, Director

1819 East Witzke Boulevard
Appleton, Wisconsin 54911-8401
(920) 832-5572 FAX (920) 993-3103
Email - dean.gazza@appleton.org

To: Finance Committee

From: Dean R. Gazza, Director of Parks, Recreation and Facilities Management

Date: April 23, 2018

Re: Action: Accept Awards - Fox River Greenway Fund

The 2018 Outagamie County Fox River Greenway Fund partnership grant program has recommended the approval of grant money for three major City of Appleton projects included in the department's Capital Improvement Plan. This grant seeks to further develop trails located in Outagamie County along the Fox River greenway corridor that also develop regional connections and will be an essential part of the larger Fox River greenway network.

These grant funds include:

	<u>CIP Year</u>
• Ellen Kort Park Trail – Lesser of \$50,000, or 25% of total cost	2019
• Lawe Street Trestle Trail – Lesser of \$200,000, or 25% of total cost	2020
• Trolley Trestle Trail – Lesser of \$300,000, or 25% of total cost	2019

The monies are provided on a reimbursement basis, thus upfront funding must pay for each project. Upon completion of the work, we will be required to provide proof of eligible expenditures in order to receive the grant funds.

We are very excited about this funding as it assists with paying for very expensive investments. Though we don't have exact budgets for each project at this time, we anticipate that the amounts awarded will cover approximately 20 - 25% of the overall projects. Upon approval, we will acknowledge the requirements and accept the funds. There is no penalty if, for some unforeseen reason, the City is not able to complete these projects. The monies would be reallocated to other competing projects in other municipalities.

Please feel free to contact me at 832-5572 with any questions, or by email at dean.gazza@appleton.org.

CITY OF APPLETON
Department of Public Works
MEMORANDUM

TO: ☒ **Finance Committee**
☐ **Municipal Services Committee**
☐ **Utilities Committee**

SUBJECT: Award of Contract

The Department of Public Works recommends that the following described work:

Unit D-18 Sidewalk Construction

Be awarded to:

Name: Al Dix Concrete Inc.
Address: 401 Gertrude Street
Kaukauna, WI 54130

In the amount of : _____

With a _____ % contingency of : _____

For a project total not to exceed : _____

**** OR ****

In an amount Not To Exceed : \$290,000.00

Budget: \$290,000.00
Estimate: \$310,351.25
Committee Date: 04/23/18
Council Date: 05/02/18

SIDEWALK CONSTRUCTION

BID TABULATION

Unit D-18

March 30, 2018

ITEM	DESCRIPTION	Quantity	Units	Al Dix Concrete, Inc		Fischer-Ulman Const.	
				Unit Price	Total	Unit Price	Total
1.	Furnish & Install 4" Sidewalk	35,000	sq. ft.	\$4.30	\$150,500.00	\$4.45	\$155,750.00
2.	Furnish & Install 5" Sidewalk	8,500	sq. ft.	\$4.75	\$40,375.00	\$5.00	\$42,500.00
3.	Furnish & Install 5" Driveway Apron	700	sq. ft.	\$4.75	\$3,325.00	\$5.00	\$3,500.00
4.	Furnish & Install 5" Private Driveway	150	sq. ft.	\$5.00	\$750.00	\$5.00	\$750.00
5.	Furnish & Install 7" Sidewalk	700	sq. ft.	\$5.25	\$3,675.00	\$6.00	\$4,200.00
6.	Furnish & Install 7" Handicap Ramp	1,400	sq. ft.	\$5.25	\$7,350.00	\$6.00	\$8,400.00
7.	Furnish & Install 7" Driveway Apron	250	sq. ft.	\$5.25	\$1,312.50	\$5.80	\$1,450.00
8.	Furnish & Install 8" Sidewalk	75	sq. ft.	\$5.75	\$431.25	\$6.40	\$480.00
9.	Furnish & Install 8" Driveway Apron	100	sq. ft.	\$5.75	\$575.00	\$6.40	\$640.00
10.	Text Imprint (Poem Stamping)	20	Each	\$125.00	\$2,500.00	\$175.00	\$3,500.00
11.	Furnish & Install 5" Colored & Stamped Sidewalk	125	sq. ft.	\$16.00	\$2,000.00	\$22.00	\$2,750.00
12.	Furnish & Install 7" Plain Concrete Pavement	40	sq. yds.	\$60.00	\$2,400.00	\$57.00	\$2,280.00
13.	Furnish & Install 8" Plain Concrete Pavement	40	sq. yds.	\$62.00	\$2,480.00	\$65.00	\$2,600.00
14.	Furnish & Install 30" Concrete Curb & Gutter	100	lin. ft.	\$32.00	\$3,200.00	\$32.00	\$3,200.00
15.	Furnish & Install Special Curb	125	lin. ft.	\$32.00	\$4,000.00	\$32.00	\$4,000.00
16.	High Early Concrete - 3 Day	40	cu. yds.	\$13.00	\$520.00	\$20.00	\$800.00
17.	High Early Concrete - 1 Day	60	cu. yds.	\$20.00	\$1,200.00	\$27.00	\$1,620.00
18.	Full Depth Sawcut	275	lin. ft.	\$4.00	\$1,100.00	\$4.00	\$1,100.00
19.	Concrete Pavement Removal	60	sq. yds.	\$7.00	\$420.00	\$8.00	\$480.00
20.	Curb & Gutter Removal	150	lin. ft.	\$5.00	\$750.00	\$5.00	\$750.00
21.	Private Concrete/Asphalt Drive Removal	150	sq. ft.	\$1.10	\$165.00	\$1.55	\$232.50
22.	Concrete/Asphalt Driveway Apron Removal	550	sq. ft.	\$1.10	\$605.00	\$1.55	\$852.50

SIDEWALK CONSTRUCTION

BID TABULATION

Unit D-18
March 30, 2018

ITEM	DESCRIPTION	Quantity	Units	Al Dix Concrete, Inc		Fischer-Ulman Const.	
				Unit Price	Total	Unit Price	Total
23.	Concrete/Asphalt Handicap Removal	1,200	sq. ft.	\$1.10	\$1,320.00	\$1.55	\$1,860.00
24.	Concrete/Asphalt Sidewalk Removal	36,500	sq. ft.	\$1.10	\$40,150.00	\$1.55	\$56,575.00
25.	Furnish & Install Gravel Fill	100	tons	\$15.00	\$1,500.00	\$18.00	\$1,800.00
26.	Furnish & Install No. 4 Reinforcing Rods	150	lin. ft.	\$1.10	\$165.00	\$1.00	\$150.00
27.	Furnish & Install Drill-In Tie Bars	50	each	\$9.00	\$450.00	\$8.00	\$400.00
28.	Furnish & Install 3" Asphalt Pavement	325	sq. ft.	\$8.00	\$2,600.00	\$7.00	\$2,275.00
29.	Furnish & Install 6" Asphalt Pavement	250	sq. ft.	\$9.00	\$2,250.00	\$9.00	\$2,250.00
30.	Adjust Sanitary Manhole Top	1	each	\$300.00	\$300.00	\$450.00	\$450.00
31.	Adjust Storm Manhole Top	2	each	\$300.00	\$600.00	\$450.00	\$900.00
32.	Prospect Avenue restoration work (6:1 Slope)	700	sq. yd.	\$10.00	\$7,000.00	\$11.00	\$7,700.00
33.	Furnish & Install 15' of 3" PVC	4	each	\$100.00	\$400.00	\$200.00	\$800.00
34.	Adjust Inlet Tops	2	each	\$300.00	\$600.00	\$350.00	\$700.00
35.	Furnish & Install Truncated Domes	300	sq. ft.	\$32.00	\$9,600.00	\$32.00	\$9,600.00
36.	F&I Erosion Cont. Revegetative Mat, Class I, Type A Urban	600	sq. yds.	\$5.00	\$3,000.00	\$5.50	\$3,300.00
37.	Furnish & Install & Remove Type D-M Inlet Protection	3	each	\$100.00	\$300.00	\$110.00	\$330.00
38.	Furnish & Install & Remove Curlex Sediment Log	20	lin. Ft.	\$10.00	\$200.00	\$25.00	\$500.00
39.	Furnish & Install Traffic Control	1	lump sum	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00
				\$308,068.75		\$341,425.00	

REPORT OF THE FINANCE COMMITTEE

PROJECT LIMITS:

3-P-18

CONCRETE PAVEMENT, SIDEWALK CONSTRUCTION AND DRIVEWAY APRONS

Celtic Crossing - Purdy Parkway to Downs Ridge
Downs Ridge - Purdy Parkway to Celtic Crossing
Incline Way - Palladium Court to Applehill Boulevard
Lake Park Road - Plan Road (s/o roundabout) to Midway Road (n/o roundabout)

In accordance with the preliminary resolution of the Common Council dated May 2, 2018, we herewith submit our report on the assessment of benefits on the above named construction.

This report consists of the following:

Schedule A - Preliminary plans and specifications on file in the office of the Director of Public Works.

Schedule B - The total cost within the project limits in accordance with the plans and specifications in Schedule A is **\$1,399,265.25.**

Schedule C - Proposed Assessments. The properties included within the project limits are benefited and the work or improvements constitute an exercise of the police power. The total value of assessments is **\$771,180.29.**

Finance Committee



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**PARKS, RECREATION & FACILITIES
MANAGEMENT**

Dean R. Gazza, Director

1819 East Witzke Boulevard
Appleton, Wisconsin 54911-8401
(920) 832-5572 FAX (920) 993-3103
Email - dean.gazza@appleton.org

TO: Finance Committee

FROM: Dean R. Gazza

DATE: 4/23/2018

RE: Action: Award the "2018 Scheig Center Redevelopment Project" to Vinton Construction Company in the amount of \$91,119.90 with a contingency of \$4,556 for a project total not to exceed \$95,675.90

Action: Approve positive balance transfer of \$8,226 from the "2017 Lutz Park Trail and Riverbank Project" to the "2018 Scheig Center Redevelopment Project."

The 2018 Capital Improvement Plan includes \$100,000 for the Scheig Center to replace paver bricks and improve ADA accessibility, install storm sewer infrastructure, and add security lighting. Of that amount, \$12,550 has been utilized for professional services, leaving a balance of \$87,450 for construction. To fund the expenses noted and to carry a responsible contingency, a transfer of \$8,226 is being requested from the positive budget balance from the Lutz Park Trail and Riverbank Project.

The bids were received as follows:

Vinton Construction Company (low bid)	\$91,119.90
Milbach Construction Services	\$102,998.08
Sommers Construction	\$128,077.00

Our consulting engineer has written the City of Appleton a formal letter of recommendation to award the contract to Vinton Construction Company. The Parks, Recreation, and Facilities Management Department has also reviewed the bids and is in agreement with the engineer's recommendation. Therefore, we recommend awarding the contract to Vinton Construction Company in the amount of \$91,119.90 plus a contingency of \$4,556 only to be utilized as needed.

Please contact me at 832-5572 or at dean.gazza@appleton.org with any questions.



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

**PARKS, RECREATION & FACILITIES
MANAGEMENT**

Dean R. Gazza, Director

1819 East Witzke Boulevard

Appleton, Wisconsin 54911-8401

(920) 832-5572 FAX (920) 993-3103

Email - dean.gazza@appleton.org

To: Alderpersons

From: Dean R. Gazza, Director of Parks, Recreation and Facilities Management

Date: April 26, 2018

Re: 2018 Sustainability Annual Update

The City of Appleton completed numerous sustainability initiatives during this past year including updating the Sustainability Plan, adopting a Health in all Policies Ordinance, approving Sustainability Resolution #21-R-17, adopting the updated Comprehensive Plan, developing a Trail Master Plan and updating the downtown parking study.

All of these initiatives have significant impacts on Sustainability throughout the City of Appleton. These initiatives and many more are captured and reported within the attached documents below.

- 2018 Update - City of Appleton Sustainability Plan (Creating a Sustainable City)
- 2017 Green Tier Legacy Community Annual Report
- 2017 Green Tier Legacy Community Sustainable Strategies Scoresheet
- 2018 Sustainability Summit Memo

As a Green Tier Legacy Community we remain proactive in our commitment to sustainability. In the Sustainability Strategies Scoresheet we improved our overall score from 362 to 382 for 2017. Adopting the Health in all Policies Ordinance, obtaining Silver Level certification by the League of American Bicyclists and becoming a Bird City were the main reasons for this increase in overall score. Please refer to the 2017 GTLC Annual Report for a full list of achievements during 2017. Note that this past week the City of Appleton was recognized as one of the Greenest Cities by Insurify who looked at vehicles in regards to how our citizens choose to drive, the vehicles they choose and how they drive them recognizing that we have a appreciably lower average household carbon footprint.

Last, please find a memo summarizing the attendance at the 2018 Sustainability Summit. In addition, we are currently in the process of dedicating a Sustainability link on the City of Appleton web site with the attachment above.

Please feel free to contact me at 832-5572 with any questions, or by email at dean.gazza@appleton.org.



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

**PARKS, RECREATION & FACILITIES
MANAGEMENT**

Dean R. Gazza, Director

1819 East Witzke Boulevard
Appleton, Wisconsin 54911-8401
(920) 832-5572 FAX (920) 993-3103
Email - dean.gazza@appleton.org

To: Alderpersons

From: Dean R. Gazza, Director of Parks, Recreation and Facilities Management

Date: April 16, 2018

Re: 2018 Sustainability Summit and Exposition

The 2018 Sustainability Summit and Exposition was held on April 11-12 at the Milwaukee Area Technical College. This year's theme was "Moving Toward a Sustainable Economy – Engaging our Future Leaders."

Both days were kicked off by local leaders including Mayor Tom Barrett, City of Milwaukee and Chris Abele, Milwaukee County Executive. Both talked about their support for Sustainability within their organizations and shared their political viewpoints.

A variety of breakout sessions were held throughout the two days also. Though not always specific to cities, they all provided many transferable themes and ideas for any organization. The programs I attended included:

- Living, Learning, Leading: Why Sustainability Matters to Colleges & Universities in Milwaukee.
- GreenPath: Stewardship at Miller Park
- Towards a World Class Eco-City: How Milwaukee's Local Governments Support Sustainability
- Finding Your Sustainability Style – A Storytelling Session
- Disclosure Effect: Evidence from Public Building Energy Consumption
- Intelligent Economic Growth: Making the Case for a Sustainable Economy
- Sustainable Business Operations in Practice
- Energy Technologies Update

The main takeaway that I was left with and proud to say is that the City of Appleton is doing more than most organizations. There is a lot of talk and not as much action for many organizations.

I jotted down a couple quotes that I felt mirror the City of Appleton's approach:

"Carbon emission reduction is not our mission. We have a mission statement for the college. Instead our focus is on how much energy does it take to accomplish our mission and how do we reduce that". – Kate Nelson, Chief Sustainability Officer, University of Wisconsin – Milwaukee

"Sustainability is driven into our core. It's not a side pet project. It comes from leadership and says who we are. It doesn't have to have sustainability in its title to be sustainable". – Ginny Routh, Sustainability Manager, Milwaukee Area Technical College

I wanted to learn more about what others were doing in the area of renewable energy, so I am especially interested in any emerging trends. The use of solar panels continues to be of interest, but it was stated that incentives are minimal or non-existent, thus finding it hard to justify the investment in many cases. In regards to wind, there is not a return on investment and the sentiment was that in a public setting the use of public money could not be justified. One speaker noted that when someone wants to install solar panels, he first asks them if their lighting, insulation and windows, etc. have been upgraded; noting that everyone wants to do the most noticeable projects over what make the most common sense!

With regard to the topic of Global Warming or Climate Change, there continues to be debate, but what was agreed upon was that the population of the earth is currently around 7.5 billion people and will grow to about 11.2 billion by 2110. In regards to how countries are responding, the United States is not implementing various technologies or policies at the level some are. One speaker shared his disappointment over the EPA rollbacks at the federal level and recent changes at the state level including the elimination of Energy Star in the most recent state budget.

Last, I was able to talk to various vendors and other attendants about their initiatives specifically with regard to using technologies to reduce energy consumption. In addition, I connected with a past colleague from The Wisconsin Association of Energy Engineers who inquired about the City of Appleton hosting a meeting at the Wastewater Plant this upcoming July.

Overall, the conference was beneficial. I was disappointed that we were the only City and/or County in attendance other than Milwaukee. Much of the focus was on Energy Reduction, whereas Sustainability is much broader including transportation, health, food supply, economic development, water, stormwater, green spaces, etc. Hopefully, this will be expanded in the future at this conference.

Please feel free to contact me at 832-5572 with any questions, or by email at dean.gazza@appleton.org.



2017 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.

TRANSPORTATION

- Implemented fourth year of City's new Sidewalk Poetry Program.
- Adopted the City of Appleton Trail Master Plan.
- Installed a new Bike Fix-It Station at the Library.
- Installed a Pet Waste Station in College Avenue beautification strip near Houdini Plaza promoting walking in the downtown.
- Added 1.27 miles of new bike lanes (Eisenhower Drive, Lawrence Street and CTH JJ) and 1.77 miles of shared use lanes (Washington Street, Drew Street, Franklin Street and Water Street) as part of the City's On-Street Bike Lane Plan. Also added 1.09 miles of side-paths on CTH JJ and Eisenhower Drive.
- Total of 108 CEA vehicles equipped with GPS units. Original goal was 100.
- Collaborated with Lawrence University on their class "Environmental Studies 300: Bicycling & Sustainable Communities" Class project deliverables are (1) Count bike parking facilities in the downtown, (2) Map bike parking facilities, (3) Draft survey about bike parking for downtown business owners.
- Worked with Valley New School to install bike racks adjacent to the Blue Parking Ramp on City Center Street.
- Obtained designation of Silver Level for Bicycle Friendly Community by the League of American Bicyclists.
- Partnered with Outagamie and Calumet Counties on a signal optimization project for the Calumet Street corridor.
- Total of 1.0 mile of sidewalk was added along Edgewood Drive and various other locations, for a total of 444 miles of sidewalk.
- Lawrence Street was converted into a complete street.
- Valley Road was converted to a complete street.
- Adopted Crosswalk Marking/Enhancement Policy for Uncontrolled Intersection Crossings.
- Acquired (3) Train Trestles to covert to trails. Two will be connecting trails and one will be a fishing pier.
- Re-paved the North Island trail.
- Repaved 0.5 miles of the CE trail.

LAND USE

- Utilized mulch from damaged trees. Have used on playgrounds and various landscaping.
- Recognized by WDNR with a biosolids composting permit at the Wastewater Plant. This is the only facility in the state that operates a biosolids composting facility.
- Developed RFP for preliminary study of a City owned biosolids compost facility.
- All plastic bottles and containers are now accepted as part of the County's residential recycling program.
- Incorporated horticultural vinegar for weed control in park playgrounds.
- Acquired additional land adjacent to Memorial Park (1.1 acres).
- Created a reforestation area as part of the Leona Pond Project scheduled for construction in 2019.

- Developed a Master plan for Jones Park.
- Implemented fourth year of our Urban In-fill Tree Planting Program.
- Donated material from demolition of bridge tender storage building to restore and bicycle to Riverview gardens.
- Received Tree City USA Award for 26th consecutive year.
- Council approved R/R Quiet Zone Plan to be implemented in 2018/2019.
- Remediated invasive plants at Pierce Park, Telulah Park and various trails (multi-year initiative).
- Worked with Atlas Coffee Shop to convert a piece of street right-of-way into a flower garden between the railroad tracks and Water Street.

ENERGY

- Wastewater Plant - Working with engineers to analyze and design a third methane boiler.
- Wastewater Plant - Engineering an additional high efficiency turbine that will ensure a reduction of 180 kW at the facility. This will be a second high efficiency turbine installation.
- Water Treatment Facility is projected to reduce electrical by 15% in 2017. The reduction is a result of the addition of the ultraviolet light process. This reduction equates to 970,000 kWh annually.
- Water Plant is expected to reduce gas usage by 27% in 2017. This equates to a reduction of 48,000 therms. This change in use is a result of the transition to the ultraviolet light process.
- Continued street light LED conversion project. 1094 city-owned lights of which 680 are now LED.
- Worked with We Energies to convert 315 leased lights to LED.
- Installed new high efficiency HVAC system in the office area at the Facilities & Grounds Operations Center.
- Installed new LED lighting in the office at the Facilities & Grounds Operations Center.
- Installed new LED lighting throughout all of Alicia Park.
- Installed new LED exterior lighting at the Municipal Services Building.
- Installed motion sensors in the garage area at the Municipal Services Building.
- Installed new LED lighting at Wastewater Treatment Facility. This is the first phase of a multi-phase project.

WATER

- Constructed a stormwater retention pond in Erb Park to mitigate flooding in adjoining neighborhoods and within the park. City now has a total of 40 wet ponds and 8 dry ponds to provide water quality and quantity benefits to the community.
- Constructed a stormwater retention pond at Cotter Street to address water quality and quantity issues in that neighborhood.
- City mowers are now equipped with mulching decks. In addition, leaves are mulched in place on City properties.
- Wastewater Plant is projected to reduce phosphorus discharges to the river by 4,290 pounds (i.e., 2017 vs 2016 discharge data).
- WDNR issued Appleton a WPDES permit with biosolids composting. This elevates the biosolids composting initiative from a pilot to a permitted entity.
- Replaced 30 lead services.
- Relayed 2.9 miles of old leaking, undersized watermain.
- Completed installation of new Advanced Metering Infrastructure system for water meter reading and residential cross connection survey.

WASTE


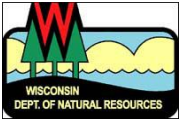





- Utilized chips from street tree removals as playground and landscape mulch.
- Performed recycling in all City parks.


HEALTHY COMMUNITY PLANNING


- Updated City Comprehensive Plan 2010 – 2030.
- Staff from the Department of Public Works participated in Fox River Cleanup Day on April 22, 2017.
- Partnered with Evergreen Credit Union on a Stormwater 101 Education Program.
- Continued to provide and expand recreational opportunities with a focus on health through the Parks and Recreation Department.


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.

Element	Max. Score	 <h2>Sustainability Strategies Scoresheet</h2> <p>(Also known as Appendix 3 of GTLC Charter, Last Revised 12-14-2017 by Dean Gazza)</p>		Community Name 2016 Scores*	Community Name 2017 Scores*																								
		     																											
		<p>This Sustainability Strategies Scoresheet is provided for member communities to track sustainability management strategies in transportation, energy, land use, water, waste, and health. This scoresheet is intended to be dynamic and flexible. In the spirit of continuous improvement toward superior environmental performance, suggested revisions to this scoresheet are always</p>																											
TRANSPORTATION		<p>TRANSPORTATION DEMAND MANAGEMENT:</p> <p>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.</p>																											
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Element	Max. Score	 Sustainability Strategies Scoresheet <small>(Also known as Appendix 3 of GTLC Charter, Last Revised 12-14-2017 by Dean Gazza)</small>	Community Name 2016 Scores*	Community Name 2017 Scores*
INDUSTRIAL USE	5	Zoning code includes mixed use districts	5	5
	8	Mixed-use language from Smart Code TBA.	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.			
	<u>Canopy</u>			
	3	Adopt tree preservation ordinance per GTLC standards.	3	3
	4	Set a tree canopy goal and develop a management plan to achieve it	3	3
	2	Require trees to be planted in all new developments	2	2
	2	Certification as Tree City USA	2	2
	2	Certification as Bird City Wisconsin Community	0	2
	<u>Vegetation Management</u>			
	2	Public properties and rights of way mown or cleared only for safe sightlines and/or to remove invasive species.	2	2
	2	Create community policy and BMP guidelines on minimizing chemical use during vegetation management of public and private properties	0	0
	<u>Water Protection</u>			
	10	Establish 75-foot natural vegetation zone by surface water.	10	10
	5	Inventory wetlands and ensure no net annual loss.	5	5
ENERGY	COMMUNITY ENERGY USE			
	Community energy use strategies encourage energy efficiency and the use of renewable fuels to reduce total energy consumption throughout the community			
	<u>Community Energy Use Policies</u>			
	6	Use PACE financing	0	0
	1	Watt meters available to the public	0	0
	10	Adopt Residential Energy Conservation Ordinance (time-of-sale certification and upgrades).	0	0
	<u>Measuring Community Energy Use</u>			
	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
	1	State of Wisconsin Energy Independent (EI) Community designation.	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.			
	<u>Government Energy Use Policies</u>			
	5	Include transportation energy/emissions as criterion in RFPs for purchases of goods over \$10,000.	3	3
	3	Develop list of lighting, HVAC and shell improvements to raise Energy Star Portfolio Manager or LEED EBO&M score	3	3
	3	Reduce motor fuels use for non-transit activities --	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
	5	Streetlights operate at 75 lumens/Watt or higher	5	5
	3	Stoplights are LED or functional equivalent	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.	3	3
	<u>Measuring Government Energy Use</u>			
	5	Complete EPA Energy Star Portfolio Manager spreadsheet for government energy use. Or score existing buildings with LEED EBO&M.	4	4
	2	Calculate annual government fleet use of motor fuels, in gallons of petroleum and biofuels, beginning with the fifth year before entering the program.	2	2
	10	All new and renovated municipal buildings must meet LEED Silver or greater.	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.			
	<u>Water Conservation</u>			
	6	Track water and sewer use annually, beginning with fifth year before entering program, and develop plan for reductions.	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
	2	Join EPA's WaterSense Program for water utilities or the Groundwater Guardian Green Sites program and promote them to local business.	2	2
	6	Use block rates and flat rates to encourage water conservation among residential, commercial, and industrial users.	5	5
	3	Infiltration and inflow reduction by 10%	3	3
	5	Plan for replacing all toilets using > 1.6 gpf and annual progress sufficient to reach 90 percent replacement in 10 years.	5	5
	<u>Local Government Use</u>			
	2	Install waterless urinals in men's restrooms at municipal facilities (city hall, parks, etc.)	0	0
	3	All outdoor watering by local government, excluding parks and golf courses, from rain collection.	3	3
	4	Develop a water efficiency and conservation plan for municipal buildings	4	4
	WATER AND WASTEWATER INFRASTRUCTURE MANAGEMENT			

Element	Max. Score	<div> GREEN TIER</div> <div><h1>Sustainability Strategies Scoresheet</h1><p>(Also known as Appendix 3 of GTLC Charter, Last Revised 12-14-2017 by Dean Gazza)</p></div>	Community Name 2016 Scores*	Community Name 2017 Scores*
W A T E R	Setting goals for the sustainable management of water and wastewater infrastructure reduces costs; saves energy; and ensures the protection of public health and the environment.			
	10	Develop and implement asset management plans that set targets for the sustainable maintenance, operation and renewal of water and wastewater infrastructure.	10	10
	5	Wastewater biogas captured and used in operations.	5	5
	1	Financial assistance for sewer lateral replacements.	1	1
	5	Set goals for increasing the recovery of resources from wastewater for energy generation (heat or electricity) and fertilizer.	4	4
	2	Explore partnership options with high-strength waste.	1	1
	6	Upgrade water and wastewater utility equipment (e.g., variable frequency drive motors) to achieve energy efficiency based on total life cycle, triple bottom line costs (e.g. maintenance and replacement strategies in asset management plans).	6	6
	STORMWATER MANAGEMENT			
	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	Stormwater utility fees offer credits for best management practices such as rain barrels, rain gardens, and pervious paving	3	3
	2	Inventory all paved surfaces (e.g., by GIS mapping), and develop a plan for reduction	2	2
	2	Work with commercial or light industrial businesses to develop stormwater pollution plans	2	2
	WATER AND DEVELOPMENT			
	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.			
W A S T E	Land Development			
	5	Identify key green infrastructure areas during plan development and/or implement a plan to acquire and protect key green infrastructure areas	5	5
	Waters, Wetlands, and Wildlife			
	6	Replace concrete channels with re-meandered and naturalized creeks, wetlands, or swales	6	6
	3	Develop a system for identifying culverts that obstruct fish migration and install fish friendly culverts where needed	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	4	4
	WASTE MANAGEMENT AND REDUCTION			
	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
	4	Waste and materials management plan based on "zero-waste" principles, with specific goals, prepared and updated annually	4	4
	3	Construction/deconstruction waste recycling ordinance	3	3
	3	Mandatory residential curbside recycling pickup that covers paper, metal cans, glass and plastic bottles	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	5	5
	3	Develop and promote programs that dispose of household hazardous, medical, and electronic waste	3	3
	4	Use anaerobic digesters to process organic waste and produce energy	4	4
3	Implement municipal ordinances requiring manufacturer takeback for fluorescent bulbs, thermostats and other mercury-containing devices	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	2	2	
2	Pay-as-you-throw system implemented by municipality or required of private waste haulers	2	2	
1	Use public education and outreach to promote recycling, backyard composting, product re-use and waste reduction	1	1	
HEALTHY COMMUNITY PLANNING				
Policies and projects related to incorporating health living into community design- whether by built form, programs, education, etc. in an effort to reduce trends in poor nutrition, inactive lifestyles, chronic diseases, such as obesity and heart disease, and other negative health risk factors.		The categories below were added in 2015.		
Policies Affecting Multiple Program Areas				
5	Adopt a resolution that promotes Health in All Policies at the community level (e.g., HEAL Resolution). Include that educational campaigns supporting a program covered by the resolution are appropriately targeted to all of the populations addressed by the program	0	5	
8	Establish a Health Impact Assessments policy, including when an assessment is required and its scope	0	0	
Planning				
8	Add health policies in 1 or more of the community's plans, including the comprehensive plan, long-range transportation plan, bicycle/pedestrian plan and open spaces recreation plan (embedded or stand-alone chapter) or develop a comprehensive, community wide wellness plan.	5	8	
3	Site schools in the Comprehensive Plan for accessibility with existing or new bicycle and pedestrian infrastructure	3	3	
5	Encourage the formation and/or support of Neighborhood Improvement Districts (NIDs), Neighborhood Development Corporations, or other similar types of neighborhood reinvestment and enhancement strategies in plans or policies.	5	5	
Healthy Food Access				
6	Implement strategies (urban agriculture, community gardens on public land, diversified farmer's markets, expanded traditional retail food options, ordinances to allow urban chickens and beekeeping and vegetable gardening in rights of way) that help increase fresh food access in the community, in particular in areas with food insecurity (e.g., "food deserts" and "food swamps"), including access by EBT and WIC participants.	6	6	

Element	Max. Score	 GREEN TIER	Sustainability Strategies Scoresheet <small>(Also known as Appendix 3 of GTLC Charter, Last Revised 12-14-2017 by Dean Gazza)</small>		Community Name 2016 Scores*	Community Name 2017 Scores*
H E A L T H	7	Create a Food Systems Plan that addresses the production, distribution, value-added, marketing, end-market, and disposal of food, and charge a new or existing governmental body to oversee the plan's implementation.			5	5
		<u>Physical Activity and Access</u>				
	4	Provide an on-street and/or off-street trail network connecting recreational areas in the community (e.g. safe routes to parks) and other trip generators, such as shopping malls, ensuring all neighborhoods are included in planning and implementation.			4	4
	4	Encourage pedestrian and bicycle site connections from front door of businesses or apartments to a public sidewalk and/or bike lane ensuring connections to all neighborhoods.			3	3
	3	Provide education and establish programming to encourage physical activity, especially by youth.			3	3
	7	Establish an expanded public transit that serves commuters from all neighborhoods and major parks and recreation facilities, and has racks on vehicles for carrying bicycles.			7	7
	6	Require sidewalks in new residential areas and establish a policy for adding sidewalks, as appropriate, in areas built out without sidewalks.			6	6
	8	Implement a Complete Streets policy.			8	8
	5	Provide recreation programs for youth, adults, senior citizens and disabled persons.			5	5
	3	Establish a pedestrian safety task force.			0	0
		<u>Housing</u>				
	7	Adopt ordinances and programs to maintain a healthy housing stock (code enforcement, landlord licenses, volunteer program, truth-in housing disclosure before sale, etc.).			7	7
	6	Allow life cycle or adaptable housing options, such as "aging in place", accessory dwelling units, Universal or Inclusive Design, Dementia Friendly Communities, Age-Friendly Communities, etc.			5	5
	8	Establish a program to make housing more affordable.			5	5
	7	Establish a program to address chronic homelessness, such as "permanent housing".			5	5
		<u>Crime Prevention and Other Harm Reduction</u>				
	6	Use by policy, ordinance or practice, Crime Prevention Through Environmental Design and active threat planning to make public spaces, such as recreational space, crime free.			6	6
	5	Establish and implement Harm Reduction strategies for alcohol outlet density and sexual oriented establishments (e.g. zoning limitations)			5	5
	4	Adopt an ordinance or policy that requires tobacco-free and e-cigarette free apartments or places limitations on such structures.			0	0
	3	Adopt an ordinance or policy that promotes tobacco-free and e-cigarette free parks and/or public events on local government-owned property.			3	3
		<u>Climate Change</u>				
	7	Create and implement a climate change action plan that includes a carbon footprint study, and health related components on reducing air pollution from combustion of fossil fuels and responding to heat episodes and flooding, focusing in particular on most vulnerable populations.			0	0
		<u>Noise</u>			0	0
	2	Adopt an ordinance, including conditional use permits, on noise abatement for various zoning districts.			2	2
		<u>Employee Health</u>				
	5	Implement a wellness program for employees of the local jurisdiction.			5	5
	6	Encourage or partner with others, such as the Chamber of Commerce, etc., to advance workplace wellness programs within the community.			0	6
		<u>Placemaking</u>				
	5	Support placemaking at varying scale (neighborhood to major city facility) and permanence (temporary to permanent) through programming, financial support and removal of regulatory barriers to promote healthy living and social capital in the community.			0	1
	8	Adopt form-based codes or similar type design guidelines for healthy active living environments.			0	0
		<u>Waste Pharmaceuticals</u>				
	4	Establish partnerships to reduce waste pharmaceuticals generated in the community and to efficiently collect remaining wastes to prevent their abuse and entry into solid waste or wastewater.			4	4
536					362	382
					68%	71%