

## April 3, 2019 Council Q&A

Wednesday, March 27, 2019 12:33 PM

### F. AWARDS AND RECOGNITIONS:

1. **19-312** Proclaim April as Autism Awareness Month
2. **19-313** Proclaim April as Child Abuse Prevention Month
3. **19-314** Proclaim April as Fair Housing Month

### I. CONSENT AGENDA:

1. **19-328** Approve the regular City Council meeting minutes of March 19, 2019
2. **19-258** Approve the award of a two-year extension to Contract 17-002, Commuter Parking Daily Fee Payment Machines, to Electronic Security Solutions, Inc. for an amount not to exceed \$133,678.20
3. **19-296** Approve the award of sole source procurement 19-117, S&C Electric Switchgear Equipment, to S&C Electric Company for an amount not to exceed \$204,368
4. **19-302** Approve the award of Bid 19-061, Landscape Maintenance, Mowing, and Herbicide Services, to Groundworks Land Design, Local Lawn Care and Landscaping, Americana Landscape Group and Twin Oaks Landscaping for an amount not to exceed \$991,223.72 and for a two-year period

Q:	<b>1. I.4 ( 19-302) Landscape Maintenance</b> <b>a. What is the reason for the change in the scope of the Naper Settlement work? Was the old scope mowing 30 times a year (weather permitting) as other properties are?</b> <b>b. What is the optional additional work at Naper Settlement that would cost more than the currently proposed work? New sites or extra work? If extra work, is it extra work due to events held on site?</b> <b>c. What number is the basis for the 10% allowance of \$40,839?</b>	Boyd-Obarski
A:	<b>a.</b> Present operations and ongoing site support challenges necessitated a slight adjustment in the expectations for supervision of lawn and landscape maintenance outcomes as reflected in the detailed scope. The quantity of maintained gardens increased by (6), including the Playscape now, and the spring & fall clean up schedules grew to accommodate adjustments for Settlement seasonal tours and open site use; both services starting sooner and continuing one week longer in the fall. The Settlement also desired to combine lawn health care Herbicide scope under one service provider, thus adding the (5) seasonal treatments under the mowing scope, which was prior managed by a separate service provider. <b>Was the old scope mowing 30 times a year (weather permitting) as other properties are?</b> The prior Naper Settlement scope covered (34) weekly mowings, and this has not changed.	Pistorio
	<b>b. What is the optional additional work at Naper Settlement that would cost more than the currently proposed work?</b> Of the Settlement's (4) options, Option D – Miscellaneous Extra Work is the only desired selection, establishing an estimated number of hours and defining contract rates for any	Pistorio

	<p>potential future work through the bid. The forecasted expense for this unscheduled extra work outside the scope of the Settlement specifications is based on estimated hours at a potential \$8,021.00, and will only be used if and when it becomes needed. <b>New sites or extra work?</b> For Naper Settlement it covers the potential fees for unanticipated extra work. <b>If extra work, is it extra work due to events held on site?</b> Naper Settlement Option D - Miscellaneous Extra Work would cover unanticipated grounds repairs resulting from internal tours, camp, rentals, and/or event damage which occurs throughout a regular open season. It would also support extra work for vegetation care, repairs to grass and uneven grounds, hard surface alignments to prevent tripping, walkway edging, and minor damaged paver replacements.</p> <p>c: City Sites, the 10% allowance of \$40,839 is an estimate for mulch, additional sites, additional vegetation control, and project work for each quadrant. The total base bid for the four quadrants is \$408,388.</p> <p>c: Naper Settlement, the 10% allowance does not apply to Naper Settlement. The Settlement's award request covers the base scope fee of \$38,363.86 plus Option D \$8,021.00, totaling \$46,384.86.</p>	<p>Dublinski</p> <p>Pistorio</p>
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<b>Q:</b>	<b>Are we taking a look at the herbicides we are using now that we have the sustainability task force in place?</b>	<b>Hinterlong</b>
A:	<p>Currently, the City and Naper Settlement require their herbicide vendor to follow best practices, which include monitoring how treatments are applied; adjusting for wind, rain, and temps; removing harmful chemicals and only use of EPA approved products; and applying to areas only as necessary, not just a blanket broadcast.</p> <p>The sustainability task force is anticipated to bring recommendations to the City Council in a 6-12 month window. At that time, should one of the recommendations address herbicide, and if City Council requested, the City would reach out to the vendor to modify the contract as Council saw fit.</p>	Krieger

5. **19-161B** Approve the award of Bid 19-077, 1.5-Inch Water Meter Replacement Services (Rebid), to Calumet City Plumbing Co., Inc. for an amount not to exceed \$228,500, plus a 5% contingency
6. **19-219** Approve the award of change order #1 to the third two-year extension to Contract 11-082, Job Order Contracting, to F.H. Paschen for an additional p seven months

<b>Q:</b>	<p><b>Why didn't we start this process sooner knowing when it expires? Please list the 14 projects between \$4,000 to \$185,000. Please list the outside agencies that have utilized the JOC, the job, and the cost for the 40 projects.</b></p>	<b>Hinterlong</b>
A:	<p>Knowing the complexity of the JOC RFP, City staff began working on the RFP in Summer 2018 in order to advertise in January/February 2019. The last quarter of 2018 and first quarter of 2019 included a higher number of formal procurements than the Procurement Team anticipated. Additionally, the Procurement Team spent a significant amount of time during this time assisting with the ERP upgrade as well as learning and performing the end of year procedures for the first time in the new ERP system. Finally, the Procurement Team was also understaffed for a portion of this time. Looking at the workload, we determined that it was more important to make sure the bids and RFP's for the City's operating departments were completed on time. If the City Council decides not to extend the JOC contract to December 31, 2019, we will direct our staff and other government agencies to consider one of the other JOC contracts that have been set up by other government agencies in northern Illinois.</p>	Schmidt

Below is the list of City projects that used the JOC contract between January 2018 and March 2019.

- Security Camera Network Wiring (DPW) - \$185,767.27
- Supplemental Work at Washington Substation (Electric) - \$4,717.04
- Van Buren Deck Joint and Sealant (DPW) - \$108,373.80
- ADA Improvements at Chicago Ave Deck (DPW) - \$21,568.30
- NS Hardscape and Softscape Repairs and Improvements (NS) - \$33,313.00
- Conduit and Fiber Run at Municipal Center (Electric) - \$31,647.08
- Chicago Ave Deck Joint Repair (DPW) - \$10,997.08
- Concrete Foundation for Clow Family Farm Milk Shed (NS) - @22,653.20)
- NS ADA Improvements (NW) - \$56,652.08
- Playscape/Splash Pad and General Area Repairs (NS) - \$50,020.11
- Masonry Repairs at NS Buildings (NS) - \$22,424.08
- South Entry Gate Improvements (NS) - \$116,667.00
- Fiber Installation at City Buildings (IT) - \$66,276.15
- Chicago Ave Deck Painting and Conduit Repairs (DPW) - \$24,021.79

Attached are copies of the rebate summary sheets the City receives from the JOC administrator for the period from January 2018 - January 2019. The City receives a 1% rebate for work performed by the JOC contractor for other government agencies.

7. **19-329** Approve the City Council meeting schedule for April, May & June 2019
8. **19-317** Pass the ordinance to establish a temporary street closure for the 2019 Soap Box Derby races and issue a Special Event permit
9. **19-318** Pass the ordinance establishing temporary traffic controls for the 2019 G.L.O.W. 5K Run and issue a Special Event permit for the event
10. **19-319** Waive the first reading and pass the ordinance amending Article H (Fees for Construction and New Development) of Chapter 9 (Municipal Finances) of Title 1 (Administrative) of the Naperville Municipal Code to establish a residential photovoltaic (solar) permit type and fee
11. **19-228B** Waive the first reading and pass the ordinance amending 6-15-2 (Definitions), Section 6-15-5 (Authorization of Use and Height), and other applicable sections pertaining to Solar Energy Systems (PZC 19-1-021)

Q:	<b>1. I. 11 (19-228B) Solar Energy Systems</b> <b>a. What is the reason for the additional height?</b> <b>b. Could you show us a diagram (even hand drawn) of how these installations would fit and look in an average Naperville residential lot or on a house?</b> <b>c. As a conditional use, what is the process for application for a residential solar installation? Are nearby neighbors given notice of the proposed installation?</b>	Boyd-Obarski
A:	A. As recommended by the audit, increasing the height allows for greater efficiencies. This proposed language better accommodates flat roofs. Ground-mounted height: the audit made a recommendation to account for the underlying support system (i.e. the non-panel portion). Staff felt by maintaining the minimum 5' setback, that 2' increase in height is ok and still well below the 18' maximum height of other accessory structures/buildings. Staff also made sure to reinforce that height is measured at maximum tilt for panels that would theoretically track the sun to increase efficiency.	Williams

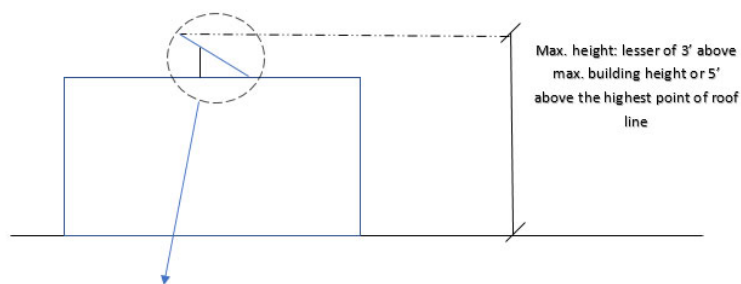
- B. Staff is not aware of residential ground mounted examples located in the City, but here is a picture of a ground mounted system provided by the auditor:



Please note this image is to give perspective and may not reflect our proposed placement or height requirements.

A panel would have to account for tree cover, homes and other structures. Ground mounted could vary from a panel on a parking lot light to a panel with the posts going straight into the ground (as pictured above).

Roof mounted would just be based on the roofline and if the primary or accessory structure was built at the maximum allowable height:



For pitched roofs, the panels would be parallel to the roof and be within 10" of the roof. It would resemble the Nike Park example and just be based on the desired roof space and orientation of the roof.



- C. Yes, and the standard conditional use process would apply with the following noticing requirements for a PZC hearing: 1) Newspaper 2) Sign on subject

property 3) Mailed notices to all residents within a 300' buffer 4) City web agenda and calendar.
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12. **19-315** Adopt the resolution approving an intergovernmental agreement granting land use permits from the City of Naperville to the Naperville Park District for City property at the 95th Street Library

## J. PUBLIC HEARINGS:

1. **19-308** Conduct the Public Hearing for Substantial Amendment 1 to the Community Development Block Grant Program Year 2018 Annual Action Plan to reallocate \$92,667 (Item 1 of 2)
2. **19-309** Approve Substantial Amendment 1 to the Program Year 2018 Annual Action Plan reallocating a total of \$92,667 of Community Development Block Grant funds to Naperville Elderly Homes (Item 2 of 2)

## O. REPORTS AND RECOMMENDATIONS:

1. **19-311** Receive information regarding various housing-related issues and initiatives

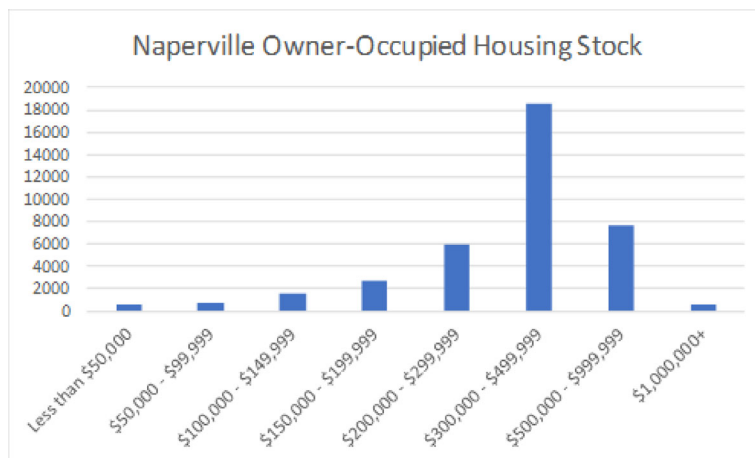
Q:	<b>O.1 (19-311) Housing Information</b> <b>a. Please clarify the property tax calculation of the IHDA methodology:</b> <b>i. Is the property tax percentage IDHA uses the “required” percentage, or would a Naperville-mean percentage be acceptable?</b> <b>ii. What is the source of the IDHA property tax percentage?</b>  <b>b. Do I understand that if Naperville were able to use a property tax assumption closer to its actual average of 2% of purchase price that the number of affordable housing units for purchase in Naperville would be 11.3%? That is 11.3% of the housing in Naperville is under \$200,000?</b> <b>c. If so, what do we know about those properties in regard to number of bedrooms/potential size of households?</b>						Boyd-Obarski						
A:	<p>A (i) IHDA's calculations include median property tax data specific to Naperville. However, staff finds that this figure nonetheless significantly skews the resulting affordability because it far exceeds the taxes that would be paid on said affordable unit. However, because this same methodology applies to all municipalities across the state and is based on language included within the AHPAA statute, IHDA will not make further adjustments to it. While local communities may use other ways to calculate their own affordable housing stock, the local calculations do not override the metrics used to develop the AHPAA list.</p> <p>A (ii) Per IHDA, the calculation uses the median real estate taxes paid by local governments based on the data provided in the 2016 ACS 5-year estimates.</p> <p>B Yes, by adjusting the property tax assumptions, as provided in the examples below, the resulting affordability levels are also adjusted. The number of units that fall within this affordability level, as compared to total units in the City, determines the total affordable percentage.</p>						Laff						
<table><tr><td><b><i>Property Tax Assumption</i></b></td><td><b><i>Affordable Naperville</i></b></td><td><b><i>Affordable Owner-Occupied</i></b></td><td><b><i>Affordable Rental</i></b></td><td><b><i>Total Affordable</i></b></td><td colspan="2"><b><i>Total Affordable Percentage</i></b></td></tr></table>							<b><i>Property Tax Assumption</i></b>	<b><i>Affordable Naperville</i></b>	<b><i>Affordable Owner-Occupied</i></b>	<b><i>Affordable Rental</i></b>	<b><i>Total Affordable</i></b>	<b><i>Total Affordable Percentage</i></b>	
<b><i>Property Tax Assumption</i></b>	<b><i>Affordable Naperville</i></b>	<b><i>Affordable Owner-Occupied</i></b>	<b><i>Affordable Rental</i></b>	<b><i>Total Affordable</i></b>	<b><i>Total Affordable Percentage</i></b>								



	<b>Purchase Price</b>	<b>Units in Naperville</b>	<b>Units in Naperville</b>	<b>Units in Naperville</b>	<b>in Naperville (owner + rental)</b>
\$4,000/year	\$215,000	4,652 units	1,655 units	6,307 units	12.5%
\$4,500/year	\$205,000	4,357 units	1,655 units	6,012 units	11.9%
\$5,000/year	\$196,000	4,062 units	1,655 units	5,717 units	11.3%

\*Note: per the ACS, there are a total of 50,073 occupied units in Naperville; 38,140 of these units are owner-occupied.

The following is a breakdown of Naperville's owner-occupied housing stock by home price. Naperville's median home value is \$379,000.



C The ACS data (see attached) provides a breakdown of owner-occupied and rental units by price, housing units by number of bedrooms, and average household size. Unfortunately, the ACS data does not provide a breakdown of the number of bedrooms or household size specific to each of the cost ranges provided for the owner-occupied or rental units.

2. **19-310** Consider the recommendation of the Housing Advisory Commission regarding the inclusion of affordable housing within the 5th Avenue Development project

<b>Q:</b>	<b>1. O.2 (19-310) HAC Recommendation on 5<sup>th</sup> Avenue Housing</b> <b>a. What communities have defined “attainable” or “work force” and what measurements are they using?</b> <b>b. Are there commonly used ratios for “mixed income” housing in other communities?</b>	<b>Boyd-Obarski</b>
<b>A:</b>	<b>A.</b> Based on research conducted in advance of the February 2019 Housing Advisory Commission (HAC), staff did not find an established definition for "attainable" or "workforce" housing. During discussions at the HAC meeting, staff noted that such housing would likely fall somewhere in price range between affordable and market rate, which could be determined by the City. Staff presented the following potential options that could be used locally to define "attainable" housing; however, the HAC determined their preference to consider attainable housing as affordable housing meeting IHDA's definitions.	Laff
<b>POTENTIAL ATTAINABLE HOUSING DEFINITIONS</b>		

	OWNER- OCCUPIED*		RENTAL**	
<b>Source of Area Median Income</b>	<b>%AMI</b>	<b>Affordable Owner-Occupied Price (per unit)</b>	<b>%AMI</b>	<b>Affordable Rental Price (per month)</b>
DuPage County	100% AMI: \$84,442	\$391,343	100% AMI: \$84,442	\$2,111
	80% AMI: \$67,554	\$293,827	60% AMI: \$50,665	\$1,266
Chicago MSA	100% AMI: \$63,327	\$269,422	100% AMI: \$63,327	\$1,583

\*Uses general calculation methodology established by IHDA, but assumes AMI noted in chart and an annual property tax payment of \$5,000.

\*\*Uses general calculation methodology as established by IHDA, but assumes AMI noted in chart.

Some communities in Illinois have an inclusionary zoning ordinance which requires a certain share of new construction to be affordable, as defined by their ordinance (see below). However, it is important to note that several of the locally established affordability definitions are different than those recommended by IHDA (i.e., rental: 60% AMI; owner-occupied: 80% AMI). In addition, the AMI used in their calculations is locally-based (vs. Chicago MSA).

<b>IL Community</b>	<b>Required Affordable Units</b>	<b>Definition of Affordability</b>
Oak Park	5-10% of total units	Rental: 80% AMI Owner-Occupied: 120% AMI
Chicago	Minimum 10% of total units (20% if project includes public incentives)	Rental: 60% AMI Owner-Occupied: 100% AMI
St. Charles	1-15 units: 5% affordable 15+ units: 10% affordable	Rental: 60% AMI Owner-Occupied: 80% AMI
Highland Park	20% of total units	120% AMI
Lake Forest	15% of total units	<i>Low-Income:</i> Rental: 60% AMI Owner-Occupied: 80% AMI  <i>Moderate-Income:</i> Rental: 80% AMI Owner-Occupied: 120% AMI
Crystal Lake	At least 10%, but not more than 30%, of total units	Rental: 60% AMI Owner-Occupied: 80% AMI

- B. Mixed-income housing would typically include a mix of residential housing types, including apartments, townhomes, and single-family homes for residents falling within a range of income levels. It does not appear that a prescribed ratio exists for such developments.

The Gordian Group, Inc.  
30 Patewood Drive,Bldg 2, Suite 350  
Greenville, SC 29615

**The City of Naperville Co-op Fee Payment - January 2018**

Invoice Number	Date Paid	Job Order No.	Job Order Title	Contractor	Job Order Volume	Total Co-op	
						Fee Due @ 1%	
053346.00-1711	1/29/2018	053346.00	Village of Tinley Park - camera project	F.H. Paschen, S.N. Nielsen & Associates	\$ 159,467.36	\$ 1,594.67	2071
Totals					\$ 159,467.36	\$ 1,594.67	

**Make Payable to:**

The City of Naperville  
400 South Eagle Street  
Naperville, IL 60540  
**Attn: Procurement Services**



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**The City of Naperville Co-op Fee Payment - February 2018**

Invoice Number	Date Paid	Job Order No.	Job Order Title	Contractor	Job Order Volume	Total Co-op	
						Fee Due @ 1%	
048480.01-1801	2/26/2018	048480.01	Village of Homewood - Remove and replace 2	F.H. Paschen, S.N. Nielsen & Associates	\$ 5,439.75	\$ 54.40	2071
Totals					\$ 5,439.75	\$ 54.40	

**Make Payable to:**

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**The City of Naperville Co-op Fee Payment - March 2018**

Invoice Number	Date Paid	Job Order No.	Job Order Title	Contractor	Job Order Volume	Total Co-op	
						Fee Due @ 1%	
053743.00-1801	3/12/2018	053743.00	Village Of Oswego - Main break repair	F.H. Paschen, S.N. Nielsen & Associates	\$ 4,567.39	\$ 45.67	2071
045586.01-1802	3/12/2018	045586.01	City of Elgin - Centre of Elgin pool repairs Supplemental	F.H. Paschen, S.N. Nielsen & Associates	\$ 18,797.84	\$ 187.98	2071
054247.00-1802	3/16/2018	054247.00	Village of Riverside - Remodel Police Department lobby	F.H. Paschen, S.N. Nielsen & Associates	\$ 56,879.00	\$ 568.79	2071
<b>Totals</b>					<b>\$ 80,244.23</b>	<b>\$ 802.44</b>	

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**The City of Naperville Co-op Fee Payment - April 2018**

Invoice Number	Date Paid	Job Order No.	Job Order Title	Contractor	Job Order Volume	Total Co-op	
						Fee Due @ 1%	
054360.00-1802	4/17/2018	054360.00	City of Aurora - Interior remodel of the Development Service	F.H. Paschen, S.N. Nielsen & Associates	\$ 392,105.00	\$ 3,921.05	2071
DPM-007-CY17A-1803	4/17/2018	DPW-007-CY17A	Central Parking Facility Deck Repairs	F.H. Paschen, S.N. Nielsen & Associates	\$ 21,568.30	\$ 215.68	2070
DPW-001-CY17.B-1803	4/17/2018	DPW-001-CY17.B	Metra Station Roofing at Burlington Commuter Lot	F.H. Paschen, S.N. Nielsen & Associates	\$ 211,514.42	\$ 2,115.14	2070
Totals					\$ 625,187.72	\$ 6,251.87	

**Make Payable to:**

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Naperville, IL 60540  
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 Greenville, SC 29615

**The City of Naperville Co-op Fee Payment - June 2018**

Invoice Number	Date Paid	Job Order No.	Job Order Title	Contractor	Job Order Volume	Total Co-op Fee Due @ 1%	
053439.00-1804	6/4/2018	053439.00	Riverside Department of Public Works - train station interior	F.H. Paschen, S.N. Nielsen & Associates	\$ 56,476.59	\$ 564.77	2071
054821.00-1804	6/13/2018	054821.00	City of Aurora - Broadway Abatement	F.H. Paschen, S.N. Nielsen & Associates	\$ 24,950.16	\$ 249.50	2071
054360.02-1804	6/13/2018	054360.02	City of Aurora - Interior remodel of the Development Servic	F.H. Paschen, S.N. Nielsen & Associates	\$ 17,383.27	\$ 173.83	2071
054360.01-1804	6/13/2018	054360.01	City of Aurora - Interior remodel of the Development Servic	F.H. Paschen, S.N. Nielsen & Associates	\$ 23,923.97	\$ 239.24	2071
054803.00-1805	6/26/2018	054803.00	City of Elgin - roof replacement house and garage	F.H. Paschen, S.N. Nielsen & Associates	\$ 34,090.03	\$ 340.90	2071
054806.00-1805	6/26/2018	054806.00	City of Elgin - roof replacement Trout Park Concession	F.H. Paschen, S.N. Nielsen & Associates	\$ 40,736.95	\$ 407.37	2071
056543.00-1805	6/26/2018	056543.00	City of Aurora - Install stucco	F.H. Paschen, S.N. Nielsen & Associates	\$ 20,965.66	\$ 209.66	2071
056546.00-1805	6/26/2018	056546.00	City of Aurora - Replace rotten wood, power wash brick, pain	F.H. Paschen, S.N. Nielsen & Associates	\$ 24,605.13	\$ 246.05	2071
056784.00-1805	6/26/2018	056784.00	City of Aurora - Additional Abatement	F.H. Paschen, S.N. Nielsen & Associates	\$ 43,385.05	\$ 433.85	2071
056787.00-1805	6/26/2018	056787.00	City of Aurora - Install Electric Hand dryers in main Bathro	F.H. Paschen, S.N. Nielsen & Associates	\$ 18,990.36	\$ 189.90	2071
047562.02-1805	6/26/2018	047562.02	Village of Hanover Park - Fire Station Renovation Supplement	F.H. Paschen, S.N. Nielsen & Associates	\$ (45,861.33)	\$ (458.61)	2071
<b>Totals</b>					<b>\$ 259,645.84</b>	<b>\$ 2,596.46</b>	

**Make Payable to:**

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**The City of Naperville Co-op Fee Payment - July 2018**

Invoice Number	Date Paid	Job Order No.	Job Order Title	Contractor	Job Order Volume	Total Co-op	
						Fee Due	@ 1%
DPW-009-CY17.A-1805	7/3/2018	DPW-009-CY17.A	Security Cameras - Fire Station	F.H. Paschen, S.N. Nielsen & Ass. LLC	\$ 28,633.43	\$ 286.33	2070
DPW-010-CY17.A-1805	7/3/2018	DPW-010-CY17.A	Security Cameras - Police	F.H. Paschen, S.N. Nielsen & Ass. LLC	\$ 60,451.27	\$ 604.51	2070
DPW-011-CY17.A-1805	7/3/2018	DPW-011-CY17.A	Security Camera - DPU-Water	F.H. Paschen, S.N. Nielsen & Ass. LLC	\$ 96,682.57	\$ 966.83	2070
FIN-001-FY17.A-1805	7/3/2018	FIN-001-FY17.A	Finance Conference Room Design	F.H. Paschen, S.N. Nielsen & Ass. LLC	\$ 80,351.10	\$ 803.51	2070
PUE-002-CY17.A-1805	7/3/2018	PUE-002-CY17.A	Electrical Substation Department Site Cameras	F.H. Paschen, S.N. Nielsen & Ass. LLC	\$ 67,711.63	\$ 677.12	2070
DPW-003-CY17.A-1801	7/17/2018	DPW-003-CY17.A	Sound Wall Repair	F.H. Paschen, S.N. Nielsen & Assoc	\$ 23,354.76	\$ 233.55	2070
048882.00-1805	7/31/2018	048882.00	Village of Tinley Park - Tinley Park Metra Station Railings	F.H. Paschen, S.N. Nielsen & Associates	\$ 220,241.90	\$ 2,202.42	2071
054167.00-1804	7/31/2018	054167.00	Thorn Creek Basin Sanitary District - Lunch Room & Locker Ro	F.H. Paschen, S.N. Nielsen & Associates	\$ 160,355.84	\$ 1,603.56	2071
<b>Totals</b>					<b>\$ 737,782.50</b>	<b>\$ 7,377.83</b>	

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 Greenville, SC 29615

**The City of Naperville Co-op Fee Payment - August 2018**

Invoice Number	Date Paid	Job Order No.	Job Order Title	Contractor	Job Order Volume	Total Co-op Fee Due @ 1%	
054167.01-1806	8/13/2018	054167.01	Thorn Creek Basin Sanitary District - Lunch Room & Locker Ro	F.H. Paschen, S.N. Nielsen & Associates	\$ 1,088.09	\$ 10.88	2071
056415.00-1806	8/13/2018	056415.00	Village of Orland Park - Health and Fitness Center Locker Ro	F.H. Paschen, S.N. Nielsen & Associates	\$ 231,334.26	\$ 2,313.34	2071
056415.01-1806	8/13/2018	056415.01	Village of Orland Park - Health and Fitness Center Locker Ro	F.H. Paschen, S.N. Nielsen & Associates	\$ 102,070.24	\$ 1,020.70	2071
058052.00-1806	8/13/2018	058052.00	City of Aurora - Masonry Repairs	F.H. Paschen, S.N. Nielsen & Associates	\$ 19,729.83	\$ 197.30	2071
058931.00-1806	8/13/2018	058931.00	City of Aurora - Paint Beams Black	F.H. Paschen, S.N. Nielsen & Associates	\$ 5,775.71	\$ 57.76	2071
058839.00-1807	8/31/2018	058839.00	RAILS - Tuck pointing and masonry	F.H. Paschen, S.N. Nielsen & Associates	\$ 33,005.95	\$ 330.06	2071
<b>Totals</b>					<b>\$ 393,004.08</b>	<b>\$ 3,930.04</b>	

**Make Payable to:**

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 400 South Eagle Street  
 Naperville, IL 60540  
**Attn: Procurement Services**



The Gordian Group, Inc.  
 30 Patewood Drive,Bldg 2, Suite 350  
 Greenville, SC 29615

**The City of Naperville Co-op Fee Payment - September 2018**

Invoice Number	Date Paid	Job Order No.	Job Order Title	Contractor	Job Order Volume	Total Co-op Fee Due @ 1%	
056092.00-1807	9/14/2018	056092.00	Naper Settlement - Category #1 - Hardscape Improvements	F.H. Paschen, S.N. Nielsen & Associates	\$ 12,006.91	\$ 120.07	2071
056095.00-1807	9/14/2018	056095.00	Naper Settlement - Category #2 - LAWNS	F.H. Paschen, S.N. Nielsen & Associates	\$ 21,306.09	\$ 213.06	2071
056114.00-1807	9/14/2018	056114.00	Naper Settlement - Category #4 and 5 - DONOR TREE PURCHASE &	F.H. Paschen, S.N. Nielsen & Associates	\$ 793.36	\$ 7.93	2071
058681.00-1807	9/14/2018	058681.00	City of Aurora - Tuck point, Caulk and Paint	F.H. Paschen, S.N. Nielsen & Associates	\$ 24,975.62	\$ 249.76	2071
<b>Totals</b>					<b>\$ 59,081.98</b>	<b>\$ 590.82</b>	

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**The City of Naperville Co-op Fee Payment - October 2018**

Invoice Number	Date Paid	Job Order No.	Job Order Title	Contractor	Job Order Volume	Total Co-op	
						Fee Due @ 1%	
058839.04-1808	10/9/2018	058839.04	RAILS - Precast Panel Repair Garage	F.H. Paschen, S.N. Nielsen & Associates	\$ 3,968.40	\$ 39.68	2071
054806.01-1808	10/9/2018	054806.01	City of Elgin - Plywood Roof Decking Replacement	F.H. Paschen, S.N. Nielsen & Associates	\$ 10,468.47	\$ 104.68	2071
Totals					\$ 14,436.87	\$ 144.36	

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**The City of Naperville Co-op Fee Payment - November 2018**

Invoice Number	Date Paid	Job Order No.	Job Order Title	Contractor	Job Order Volume	Total Co-op Fee Due @ 1%	
057256.00-1809	11/23/2018	057256.00	City of Aurora - Remove Antenna and install gutters	F.H. Paschen, S.N. Nielsen & Associates	\$ 9,907.56	\$ 99.08	2071
060559.00-1809	11/23/2018	060559.00	City of Aurora - new Garage door and widen the opening	F.H. Paschen, S.N. Nielsen & Associates	\$ 23,669.76	\$ 236.70	2071
058551.01-1809	11/23/2018	058551.01	Village of Buffalo Grove - Renovate Police Station-Break Ro	F.H. Paschen, S.N. Nielsen & Associates	\$ 1,860.12	\$ 18.60	2071
061391.00-1810	11/23/2018	061391.00	City of Aurora - Remove Granite panels	F.H. Paschen, S.N. Nielsen & Associates	\$ 5,869.77	\$ 58.70	2071
<b>Totals</b>					<b>\$ 41,307.21</b>	<b>\$ 413.08</b>	

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**The City of Naperville Co-op Fee Payment - December 2018**

Invoice Number	Date Paid	Job Order No.	Job Order Title	Contractor	Job Order Volume	Total Co-op Fee Due @ 1%	
040482.02-1810	12/14/2018	040482.02	City of Elgin Police security update Supplemental	F.H. Paschen, S.N. Nielsen & Associates	\$ 24,483.68	\$ 244.84	2071
061391.01-1810	12/14/2018	061391.01	City of Aurora - Remove Granite panels Supplemental	F.H. Paschen, S.N. Nielsen & Associates	\$ 4,349.46	\$ 43.49	2071
061704.00-1811	12/14/2018	061704.00	City of Aurora - gas leak and maintenance	F.H. Paschen, S.N. Nielsen & Associates	\$ 9,349.67	\$ 93.50	2071
062770.00-1811	12/14/2018	062770.00	City of Aurora - Safety Emergency work - sidewalk and bollard	F.H. Paschen, S.N. Nielsen & Associates	\$ 24,996.79	\$ 249.97	2071
055203.00-1804	12/31/2018	055203.00	City of Aurora - Broadway Masonry and Roofing work	F.H. Paschen, S.N. Nielsen & Associates	\$ 23,664.54	\$ 236.65	2071
050418.01-1805	12/31/2018	050418.01	Village of Tinley Park - police station roof top units Suppl	F.H. Paschen, S.N. Nielsen & Associates	\$ 18,794.57	\$ 187.95	2071
054622.00-1806	12/31/2018	054622.00	Buffalo Grove Park District - Installing a new roof	F.H. Paschen, S.N. Nielsen & Associates	\$ 148,966.63	\$ 1,489.67	2071
<b>Totals</b>					<b>\$ 254,605.34</b>	<b>\$ 2,546.07</b>	

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**The City of Naperville Co-op Fee Payment - January 2019**

Invoice Number	Date Paid	Job Order No.	Job Order Title	Contractor	Job Order Volume	Total Co-op Fee Due @ 1%	
058551.00-1806	1/9/2019	058551.00	Village of Buffalo Grove - Renovate Police Station - Break R	F.H. Paschen, S.N. Nielsen & Associates	\$ 78,797.82	\$ 787.98	2071
Totals					\$ 78,797.82	\$ 787.98	

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DP04

## SELECTED HOUSING CHARACTERISTICS

2011-2015 American Community Survey 5-Year Estimates

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Data and Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

**Tell us what you think.** Provide feedback to help make American Community Survey data more useful for you.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

A processing error was found in the Year Structure Built estimates since data year 2008. For more information, please see the errata note #110.

Subject	Naperville city, Illinois			
	Estimate	Margin of Error	Percent	Percent Margin of Error
<b>HOUSING OCCUPANCY</b>				
Total housing units	52,894	+/-627	52,894	(X)
Occupied housing units	50,073	+/-589	94.7%	+/-1.0
Vacant housing units	2,821	+/-547	5.3%	+/-1.0
Homeowner vacancy rate	1.2	+/-0.5	(X)	(X)
Rental vacancy rate	6.2	+/-2.1	(X)	(X)
<b>UNITS IN STRUCTURE</b>				
Total housing units	52,894	+/-627	52,894	(X)
1-unit, detached	33,719	+/-529	63.7%	+/-0.8
1-unit, attached	6,374	+/-386	12.1%	+/-0.7
2 units	363	+/-152	0.7%	+/-0.3
3 or 4 units	1,514	+/-222	2.9%	+/-0.4
5 to 9 units	3,611	+/-377	6.8%	+/-0.7
10 to 19 units	2,951	+/-345	5.6%	+/-0.6
20 or more units	4,306	+/-380	8.1%	+/-0.7
Mobile home	45	+/-32	0.1%	+/-0.1
Boat, RV, van, etc.	11	+/-18	0.0%	+/-0.1
<b>YEAR STRUCTURE BUILT</b>				
Total housing units	52,894	+/-627	52,894	(X)
Built 2014 or later	91	+/-41	0.2%	+/-0.1
Built 2010 to 2013	494	+/-113	0.9%	+/-0.2
Built 2000 to 2009	7,332	+/-478	13.9%	+/-0.9
Built 1990 to 1999	14,509	+/-563	27.4%	+/-1.1
Built 1980 to 1989	15,019	+/-604	28.4%	+/-1.0
Built 1970 to 1979	8,661	+/-449	16.4%	+/-0.8
Built 1960 to 1969	3,200	+/-328	6.0%	+/-0.6



Subject	Naperville city, Illinois			
	Estimate	Margin of Error	Percent	Percent Margin of Error
Built 1950 to 1959	1,331	+/-185	2.5%	+/-0.4
Built 1940 to 1949	605	+/-226	1.1%	+/-0.4
Built 1939 or earlier	1,652	+/-213	3.1%	+/-0.4
ROOMS				
Total housing units	52,894	+/-627	52,894	(X)
1 room	506	+/-169	1.0%	+/-0.3
2 rooms	870	+/-210	1.6%	+/-0.4
3 rooms	3,724	+/-370	7.0%	+/-0.7
4 rooms	6,706	+/-491	12.7%	+/-0.9
5 rooms	5,496	+/-366	10.4%	+/-0.7
6 rooms	4,658	+/-409	8.8%	+/-0.8
7 rooms	4,521	+/-383	8.5%	+/-0.7
8 rooms	7,945	+/-509	15.0%	+/-1.0
9 rooms or more	18,468	+/-660	34.9%	+/-1.2
Median rooms	7.5	+/-0.1	(X)	(X)
BEDROOMS				
Total housing units	52,894	+/-627	52,894	(X)
No bedroom	515	+/-166	1.0%	+/-0.3
1 bedroom	4,761	+/-408	9.0%	+/-0.7
2 bedrooms	11,643	+/-565	22.0%	+/-1.1
3 bedrooms	9,879	+/-602	18.7%	+/-1.1
4 bedrooms	21,873	+/-612	41.4%	+/-1.1
5 or more bedrooms	4,223	+/-395	8.0%	+/-0.7
HOUSING TENURE				
Occupied housing units	50,073	+/-589	50,073	(X)
Owner-occupied	38,140	+/-639	76.2%	+/-0.9
Renter-occupied	11,933	+/-489	23.8%	+/-0.9
Average household size of owner-occupied unit	2.97	+/-0.04	(X)	(X)
Average household size of renter-occupied unit	2.42	+/-0.09	(X)	(X)
YEAR HOUSEHOLDER MOVED INTO UNIT				
Occupied housing units	50,073	+/-589	50,073	(X)
Moved in 2015 or later	696	+/-178	1.4%	+/-0.4
Moved in 2010 to 2014	12,960	+/-513	25.9%	+/-1.0
Moved in 2000 to 2009	19,096	+/-615	38.1%	+/-1.1
Moved in 1990 to 1999	11,206	+/-525	22.4%	+/-1.0
Moved in 1980 to 1989	4,367	+/-281	8.7%	+/-0.6
Moved in 1979 and earlier	1,748	+/-176	3.5%	+/-0.3
VEHICLES AVAILABLE				
Occupied housing units	50,073	+/-589	50,073	(X)
No vehicles available	1,708	+/-230	3.4%	+/-0.5
1 vehicle available	13,026	+/-686	26.0%	+/-1.2
2 vehicles available	25,321	+/-735	50.6%	+/-1.4
3 or more vehicles available	10,018	+/-468	20.0%	+/-1.0
HOUSE HEATING FUEL				
Occupied housing units	50,073	+/-589	50,073	(X)
Utility gas	44,836	+/-650	89.5%	+/-0.9
Bottled, tank, or LP gas	334	+/-113	0.7%	+/-0.2
Electricity	4,695	+/-391	9.4%	+/-0.8
Fuel oil, kerosene, etc.	8	+/-14	0.0%	+/-0.1
Coal or coke	0	+/-26	0.0%	+/-0.1
Wood	17	+/-22	0.0%	+/-0.1
Solar energy	7	+/-11	0.0%	+/-0.1

Subject	Naperville city, Illinois			
	Estimate	Margin of Error	Percent	Percent Margin of Error
Other fuel	70	+/-45	0.1%	+/-0.1
No fuel used	106	+/-67	0.2%	+/-0.1
SELECTED CHARACTERISTICS				
Occupied housing units	50,073	+/-589	50,073	(X)
Lacking complete plumbing facilities	45	+/-33	0.1%	+/-0.1
Lacking complete kitchen facilities	286	+/-76	0.6%	+/-0.2
No telephone service available	513	+/-117	1.0%	+/-0.2
OCCUPANTS PER ROOM				
Occupied housing units	50,073	+/-589	50,073	(X)
1.00 or less	49,294	+/-673	98.4%	+/-0.4
1.01 to 1.50	665	+/-192	1.3%	+/-0.4
1.51 or more	114	+/-86	0.2%	+/-0.2
VALUE				
Owner-occupied units	38,140	+/-639	38,140	(X)
Less than \$50,000	529	+/-139	1.4%	+/-0.4
\$50,000 to \$99,999	707	+/-154	1.9%	+/-0.4
\$100,000 to \$149,999	1,522	+/-235	4.0%	+/-0.6
\$150,000 to \$199,999	2,638	+/-300	6.9%	+/-0.8
\$200,000 to \$299,999	5,889	+/-358	15.4%	+/-0.9
\$300,000 to \$499,999	18,623	+/-574	48.8%	+/-1.3
\$500,000 to \$999,999	7,699	+/-380	20.2%	+/-1.0
\$1,000,000 or more	533	+/-108	1.4%	+/-0.3
Median (dollars)	379,000	+/-4,303	(X)	(X)
MORTGAGE STATUS				
Owner-occupied units	38,140	+/-639	38,140	(X)
Housing units with a mortgage	28,583	+/-618	74.9%	+/-1.2
Housing units without a mortgage	9,557	+/-521	25.1%	+/-1.2
SELECTED MONTHLY OWNER COSTS (SMOC)				
Housing units with a mortgage	28,583	+/-618	28,583	(X)
Less than \$500	96	+/-61	0.3%	+/-0.2
\$500 to \$999	668	+/-174	2.3%	+/-0.6
\$1,000 to \$1,499	3,044	+/-241	10.6%	+/-0.8
\$1,500 to \$1,999	5,100	+/-350	17.8%	+/-1.1
\$2,000 to \$2,499	5,655	+/-423	19.8%	+/-1.4
\$2,500 to \$2,999	5,582	+/-460	19.5%	+/-1.5
\$3,000 or more	8,438	+/-459	29.5%	+/-1.5
Median (dollars)	2,476	+/-36	(X)	(X)
Housing units without a mortgage	9,557	+/-521	9,557	(X)
Less than \$250	207	+/-87	2.2%	+/-0.9
\$250 to \$399	293	+/-89	3.1%	+/-0.9
\$400 to \$599	763	+/-127	8.0%	+/-1.3
\$600 to \$799	2,028	+/-277	21.2%	+/-2.6
\$800 to \$999	1,928	+/-245	20.2%	+/-2.4
\$1,000 or more	4,338	+/-390	45.4%	+/-2.9
Median (dollars)	960	+/-26	(X)	(X)
SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME (SMOCAPI)				
Housing units with a mortgage (excluding units where SMOCAPI cannot be computed)	28,475	+/-637	28,475	(X)
Less than 20.0 percent	11,523	+/-604	40.5%	+/-1.8
20.0 to 24.9 percent	5,226	+/-406	18.4%	+/-1.4
25.0 to 29.9 percent	3,547	+/-424	12.5%	+/-1.5
30.0 to 34.9 percent	2,096	+/-244	7.4%	+/-0.8

Subject	Naperville city, Illinois			
	Estimate	Margin of Error	Percent	Percent Margin of Error
35.0 percent or more	6,083	+/-482	21.4%	+/-1.6
Not computed	108	+/-83	(X)	(X)
Housing unit without a mortgage (excluding units where SMOCAPI cannot be computed)	9,481	+/-518	9,481	(X)
Less than 10.0 percent	3,991	+/-372	42.1%	+/-3.1
10.0 to 14.9 percent	1,736	+/-261	18.3%	+/-2.5
15.0 to 19.9 percent	1,030	+/-168	10.9%	+/-1.7
20.0 to 24.9 percent	873	+/-175	9.2%	+/-1.8
25.0 to 29.9 percent	504	+/-135	5.3%	+/-1.5
30.0 to 34.9 percent	269	+/-95	2.8%	+/-1.0
35.0 percent or more	1,078	+/-184	11.4%	+/-1.9
Not computed	76	+/-54	(X)	(X)
GROSS RENT				
Occupied units paying rent	11,568	+/-478	11,568	(X)
Less than \$500	502	+/-148	4.3%	+/-1.2
\$500 to \$999	1,580	+/-251	13.7%	+/-2.2
\$1,000 to \$1,499	5,516	+/-451	47.7%	+/-3.3
\$1,500 to \$1,999	2,578	+/-325	22.3%	+/-2.8
\$2,000 to \$2,499	905	+/-222	7.8%	+/-1.8
\$2,500 to \$2,999	378	+/-150	3.3%	+/-1.3
\$3,000 or more	109	+/-57	0.9%	+/-0.5
Median (dollars)	1,308	+/-35	(X)	(X)
No rent paid	365	+/-114	(X)	(X)
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME (GRAPI)				
Occupied units paying rent (excluding units where GRAPI cannot be computed)	11,395	+/-470	11,395	(X)
Less than 15.0 percent	1,663	+/-334	14.6%	+/-2.9
15.0 to 19.9 percent	1,548	+/-301	13.6%	+/-2.7
20.0 to 24.9 percent	1,981	+/-351	17.4%	+/-2.8
25.0 to 29.9 percent	1,366	+/-284	12.0%	+/-2.5
30.0 to 34.9 percent	1,185	+/-243	10.4%	+/-2.0
35.0 percent or more	3,652	+/-380	32.0%	+/-3.1
Not computed	538	+/-133	(X)	(X)

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

Households not paying cash rent are excluded from the calculation of median gross rent.

Telephone service data are not available for certain geographic areas due to problems with data collection. See Errata Note #93 for details.

While the 2011-2015 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Explanation of Symbols:

1. An '\*\*\*' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
4. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
5. An '\*\*\*\*' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An '\*\*\*\*\*' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
8. An '(X)' means that the estimate is not applicable or not available.