

AGENDA  
COMMITTEE OF THE WHOLE  
November 19, 2019  
2200 Harnish Drive  
Village Board Room  
- AGENDA -  
7:45 P.M.

Trustee Jasper – Chairperson  
Trustee Brehmer  
Trustee Glogowski  
Trustee Spella  
Trustee Sosine  
Trustee Steigert  
President Schmitt

1. **Roll Call – Establish Quorum**
2. **Public Comment – Audience Participation**  
*(Persons wishing to address the Committee must register with the Chair prior to roll call.)*
3. **Community Development**
  - A. Consider a request for a Major Amendment to the 2014 Final PUD, for building façade and signage modification and Special Use Permit for a Health Club, Burlington/Planet Fitness at 1400 South Randall Road
  - B. Consider an Appeal of Certification of Appropriateness Recommendation by the Algonquin Historic Commission for 121 N. Main Street, Jim Dawson Property Owner
  - C. Consider a Special Service Area for Spectrum Senior Living Development
4. **General Administration**
  - A. Consider an Amendment to Chapter 43, Offenses Against Public Peace, Safety and Morals, of the Algonquin Municipal Code by Adding New Section 43.35, Cannabis, amending Section 43.36, Drug Paraphernalia, and Adding New Section 43.40, Adult-Use Cannabis Business Establishments Prohibited
5. **Public Works & Safety**
  - A. Consider an Agreement with Plote Construction for the Terrace Hill Roadway Rehabilitation Project
  - B. Consider an Agreement with an Agreement with Williams Brothers Construction for the Waste Water Treatment Facility Phase 6 Improvements
  - C. Consider an Intergovernmental Agreement with the State of Illinois Department of Transportation for the Route 62 Bridge Improvements
  - D. Consider an Agreement with Aries Industries for the Purchase of a Sewer Televising Camera and Tractor Unit
6. **Executive Session**
7. **Other Business**
8. **Adjournment**



**VILLAGE OF ALGONQUIN**  
*COMMUNITY DEVELOPMENT DEPARTMENT*

**– M E M O R A N D U M –**

DATE: November 11, 2019

TO: Committee of the Whole

FROM: Benjamin A. Mason, AICP, Senior Planner

SUBJECT: **Case No. 2019-16. Burlington / Planet Fitness -  
*Major PUD Amendment and Special Use Permit***

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Background

Mike Peirce of Storebuild LLC, representing Burlington and Planet Fitness, has submitted a petition for a Major Amendment to the 2014 Final PUD, for building façade and signage modifications at the former Gander Mountain building at 1400 South Randall Road. Additionally, the petitioner is requesting a Special Use Permit for a health club business in a portion of the building. Gander Mountain received Final PUD approval in 2014, however the store closed and building has been vacant for several years.

Staff

Comments

The former  
Gander  
Mountain  
building  
will be



divided into two tenant spaces, 30,000 square feet will be occupied by a Burlington department store and the remaining 22,000 will be occupied by a Planet Fitness health club. Walmart has significant restrictions on potential future uses for the Gander Mountain building and Staff wants to give particular recognition for the considerable effort undertaken by the petitioner, Mr. Peirce of Storebuild LLC, to work cooperatively with Walmart to gain their permission for the two proposed business uses.

Enclosed is general information on both businesses provided by the petitioner. Burlington is a national retailer with 631 stores in 45 states, and Planet Fitness is an expanding fitness center franchise that would be open 24 hours a day, 7 days a week. Also enclosed please find proposed building and sign renderings provided by the project architect, depicting modifications to the building for creating two separate storefronts. The sides and rear of the building will not change, however the pitched roof and timber log-themed canopy entrance on the front façade would be removed.

Staff appreciates both new business tenants have unique corporate identities and supports their desire to establish separate entrances that reflect their distinct brands. The following revisions are recommended to the east elevation renderings, to be more compatible with the existing building's color tone and architectural character:

- The EIFS material for Burlington's façade shall be converted to a darker, earth tone tan or beige color – pure white is simply too much of a contrast and not compatible with the rest of the exterior
- Some type of cornice line or cap is needed above the Burlington Nichiha fiber cement paneling – the proposed rendering gives the appearance of a large tip-up wall that is not proportionate to the scale of the rest of the façade
- The window and door framing systems for both storefront entrances need to be black or a dark bronze; anodized silver aluminum would not be acceptable
- The Village Sign Code limits wall signs to the store name and logo; in this case simply "Burlington" would be permitted. The remainder of the retail store's offerings - Ladies, Mens, etc – shall be removed from the sign. Adding such miscellaneous categories would be akin to if Planet Fitness had requested under their name such sub-headings as "Cardio – Fitness Training – Exercise Equipment".
- The heart-shaped B logo next to the Burlington entrance would be considered another store sign, and is not allowed

Staff will need to review further the square footage for the proposed wall signs, but again the important thing at this time is to note only the store name will be permitted and not all the separate types of goods and merchandise. Overall though, staff recommends approval of the request for a Major PUD Amendment to allow the façade modifications, subject to the revisions listed above.

Staff also supports the request for a Special Use Permit to allow the Planet Fitness health club as a business tenant in the building. The business would be open 24 hours a day, and projects an average number of visits per day between 400-800 customers. The health club will offer a large number of services and amenities, including cardio, weights, and fitness training at two levels of membership, either \$10 or \$22.99 per month. All activities will be located within the building.

The Gander Mountain building is 52,000 square feet and has approximately 250 on-site parking spaces, for a ratio of 4.8 spaces per 1,000 square feet. The parking exceeded the requirement for the former outdoor sporting goods store business, but will adequately serve the health club use as the projected number of visitors will be distributed throughout the day and evening hours. For example, even at the peak time of 6:00pm on a weekday evening, the

health club projects 80 member visits during that hour, which would still leave more than 150 parking spaces available for Burlington's customers.

Planning and Zoning Recommendation

On November 11, 2019 the Planning and Zoning Commission considered the petition and voted 6-1 in favor of the request for Final Planned Unit Development Amendment for the building façade and signage modifications, and a Special Use Permit for the health club use, subject to the findings of fact as presented, and conditions listed by staff except for the following changes:

- Whereas staff recommended the pure white EIFS material on Burlington's façade be converted to a darker, earth tone tan or beige color, *Planning and Zoning recommended by a vote of 6-1 to permit the pure white EIFS color in accordance with Burlington's prototype store design*
- Whereas staff recommended the proposed signage for Burlington be limited to the business name, *Planning and Zoning recommended by a vote of 6-1 to permit the business request for the addition of the department store's general retail products to be listed on the sign as well, "Ladies / Mens / Kids / Baby / Home / Coats"*

Recommendation

Staff recommends approval of the Major Amendment to the 2014 Final PUD and Special Use Permit with the original conditions as presented to the Planning and Zoning Commission listed below, which continue to include recommendations to convert the pure white EIFS material to a darker earth-tone color on the Burlington storefront facade and that the wall and ground signage be limited to the official Burlington business name:

1. The building elevations prepared by Interwork Architects, dated October 15, 2019, shall be revised pursuant to staff's recommendations, which include: the EIFS material for Burlington's façade shall be converted to a darker, earth tone tan or beige color; some type of cornice line or cap shall be added above the Burlington Nichiha fiber cement paneling; and the window and door framing systems for both storefront entrances shall be replaced with black or a dark bronze.
2. The building shall be allowed two wall signs, one for each business. Each business shall also be allowed access to a panel on the former Gander Mountain ground sign. Both the wall signs and ground sign panels shall comply with Village Code requirements, notably only the name of the business shall be permitted and all other height and size requirements complied with. The petitioner shall apply for sign permits for review and approval by the Community Development Department.
3. All activities shall be located within the building and the business shall comply with the village code requirements for public peace and safety. The Village Board reserves the right to require security or noise abatement measures should there arise any issues with the business operations, in particular during the overnight hours.

4. The business shall apply for and obtain any necessary Village stickers for vending machines.

Enclosures:     P&Z Minutes (to be supplied)  
                         Petitioner Submittal

# Burlington

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Burlington, formerly known as Burlington Coat Factory, is an American national off-price department store retailer, and a division of Burlington Coat Factory Warehouse Corporation, with corporate headquarters located in Burlington Township, New Jersey.

- Founded in 1972 as Burlington Coat Factory
- 631 stores in 45 states and Puerto Rico
- **Products:** Clothes, baby clothes, furniture, home decor items, pet supply, and gifts
- **Revenue:** US\$ 6.11 billion (2017)
- **Operating income:** US\$ 481.75 million (2017)
- **Number of employees nationwide:** 40,000 (2018)

**PROPOSED STORE SIZE:** 30,000 SF

**PROPOSED # OF EMPLOYEES:** 60

<b>HOUR OF OPERATION:</b>	SUNDAY	9:30AM–9:30PM
	MONDAY	9:30AM–10PM
	TUESDAY	9:30AM–10PM
	WEDNESDAY	9:30AM–10PM
	THURSDAY	9:30AM–10PM
	FRIDAY	9AM–10PM



Planet Fitness is an American franchisor and operator of fitness centers based in Hampton, New Hampshire. The company reports that it has 1,859 clubs, making it one of the largest fitness club franchises by number of members and locations. There are locations across the United States as well as in other countries such as Canada, Dominican Republic, Panama, and Mexico. It markets itself as a “Judgment Free Zone” that caters to novice and casual gym users and is reported to be the nation’s fastest growing fitness center franchise.

- Founded in 1992 in Dover, New Hampshire
- 1,859 Clubs in US, CA, Dominican Republic and Mexico
- Rated #4 Franchise in America by Forbes Magazine in 2016
- Offers two membership levels at \$10 and \$22.99 per month

**PROPOSED STORE SIZE:** 22,000 SF

**PROPOSED # OF EMPLOYEES:** 15-20

**HOUR OF OPERATION:** 24 Hours/7 Days a week





## Planet Fitness Real Estate

# Disclaimers

## **Forward-looking statements**

This presentation contains certain statements, approximations, estimates and projections with respect to our anticipated future performance ("forward-looking statements"). Forward-looking statements are neither historical facts nor assurances of future performance. Instead, they are based only on our current beliefs, expectations and assumptions regarding the future of our business, future plans and strategies, projections, anticipated events and trends, the economy and other future conditions. Forward-looking statements can be identified by words such as "anticipate," "believe," "estimate," "expect," "intend," "may," "plan," "predict," "project," "target," "potential," "will," "would," "could," "should," "continue," "contemplate" and other similar expressions, although not all forward-looking statements contain these identifying words. Because forward-looking statements relate to the future, they are subject to inherent uncertainties, risks and changes in circumstances that are difficult to predict and many of which are outside of our control. Our actual results and financial condition may differ materially from those indicated in the forward-looking statements. Therefore, you should not place undue reliance on any of these forward-looking statements. Important factors that could cause our actual results and financial condition to differ materially from those indicated in the forward-looking statements include, among others, risks and uncertainties associated with competition in the fitness industry, our and our franchisees' ability to attract and retain new members, changes in consumer demand, changes in equipment costs, our ability to expand into new markets, operating costs for us and our franchisees generally, availability and cost of capital for our franchisees, acquisition activity, developments and changes in laws and regulations, and general economic conditions.

The information contained in this presentation is as of the date set forth on the cover page and the delivery of this presentation at any time does not imply that the information contained herein is correct as of any date subsequent to the date set forth on the cover page. Neither we nor any of our affiliates or representatives undertake any obligation to provide additional information or to correct or update any information set forth in this presentation, whether as a result of new information, future developments or otherwise.

The financial performance representations contained in this presentation (i) provide historical results of Planet Fitness facilities principally in the United States and there is no assurance that facilities outside the United States will have the same results; and (ii) do not imply or guarantee any success or results for the operation of franchises by any franchisee or master franchisee.

## **Non-GAAP financial measures**

This presentation includes unaudited non-GAAP financial measures, including Adjusted EBITDA and Adjusted Net Income. We present non-GAAP measures when our management believes that the additional information provides useful information about our operating performance. Non-GAAP financial measures do not have any standardized meaning and are therefore unlikely to be comparable to similar measures presented by other companies. The presentation of non-GAAP financial measures is not intended to be a substitute for, and should not be considered in isolation from, the financial measures reported in accordance with GAAP.





# One of the Largest and Fastest-Growing Franchisors and Operators of Fitness Centers in the U.S.

## Fitness for Everyone

- Highly recognized **national brand**
  - #1 in **Unaided Brand Awareness**
- Over **14 million** members
- Welcoming, **non-intimidating** environment
  - The **Judgement Free Zone®**
- **Clean, modern, well maintained clubs**
  - Gym equipment replaced/updated every 5-7 years, the most aggressive refresh schedule in the industry
- **1,850+ stores** with long-term **potential for 4,000+ stores** in the U.S. and **up to 300 stores in Canada**
- **Broad demographic appeal** catering to the 80% of the population that does not belong to a gym
- 25%+ cash-on-cash returns reflects **industry-leading unit economics**<sup>1</sup>

## Brand Accolades



*Forbes' 2019 'America's Best Franchises': #6 Overall*

*Entrepreneur's 2019 'Franchise 500' List: #7 Overall*

*Business Insider's 2019 'Top Franchises in America': #7 Overall*

*Entrepreneur's 2019 'Fastest Growing Franchises': #9 Overall*

*Fortune's 2019 100 Fastest Growing Companies: #58 Overall*

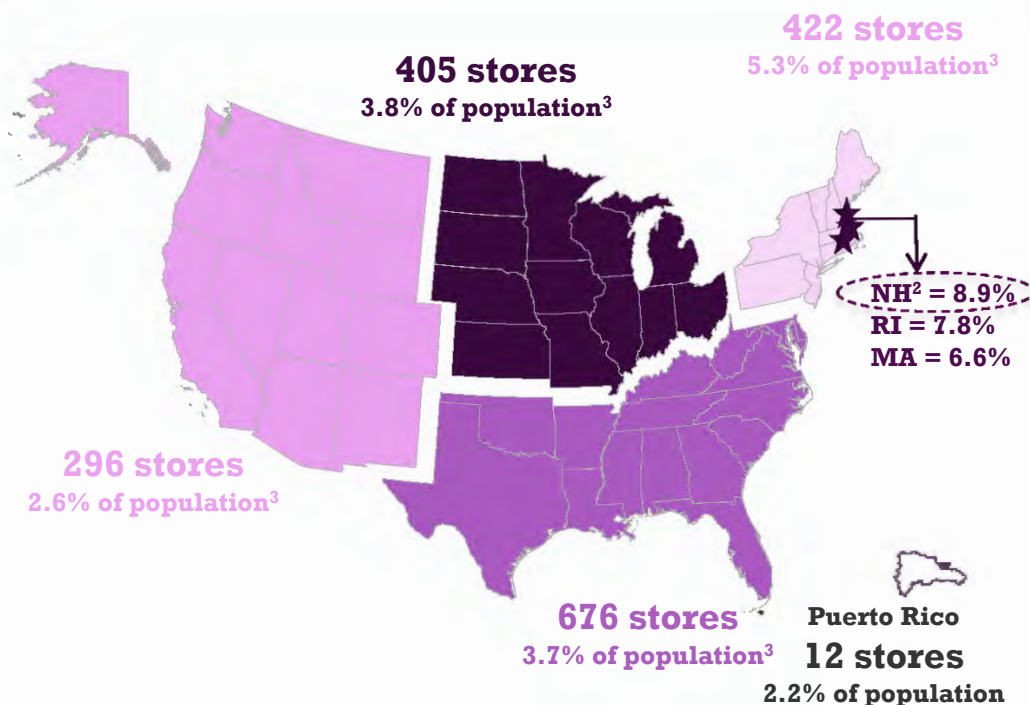
*J.D. Power's 2017 'Health and Fitness Center Satisfaction Report': #1 Overall*



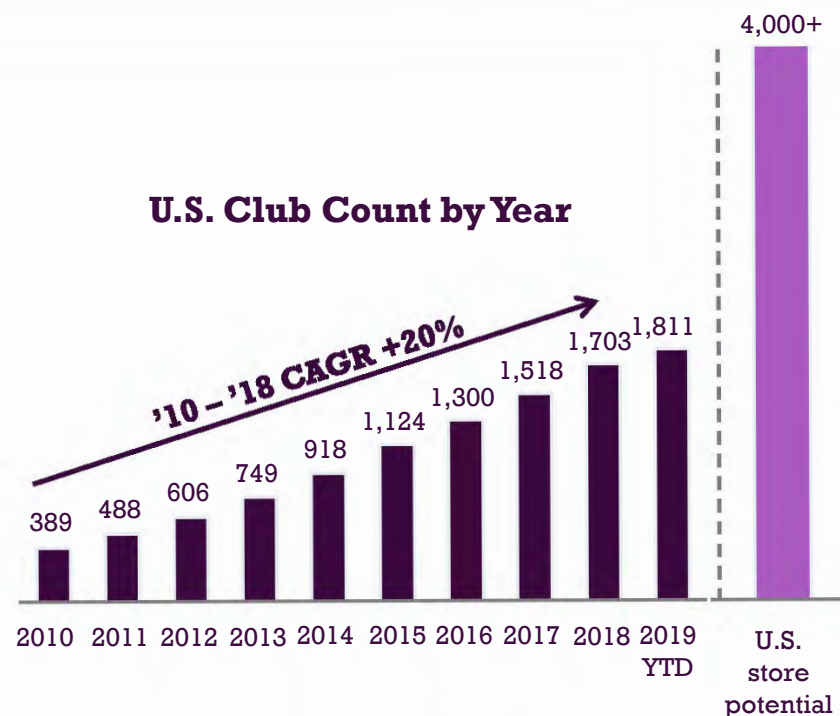
<sup>1</sup>Based on survey data and management analysis. Franchisees have historically earned, and we believe can continue to earn, in their second year of operations, on average, a cash-on-cash return on unlevered (i.e., not debt-financed) initial investment greater than 25% after royalties and advertising, which is in line with our corporate-owned stores

# One of the Largest and Fastest-Growing Franchisors and Operators of Fitness Centers in the U.S.

## Clubs in 50 States and Five Countries<sup>1</sup>



## Proven Track Record and Long Runway



- **1,859 clubs across 50 states and five countries**
- Significant expansion opportunities in the United States alone
- More than **1,000 committed store openings in the pipeline**
  - Over 500 committed openings over the next three years



<sup>1</sup> Population data sourced from 2018 U.S. Census data; Population totals are as of 7/1/2018 and store counts are as of 6/30/19

<sup>2</sup> Planet Fitness was founded in NH

<sup>3</sup> Represents Planet Fitness members as a percentage of total population in the region



# Market Leading Scale and Brand Recognition

Planet Fitness Club Counts vs. Direct Competitors



Source: ChainXY, Planet Fitness; Club counts as of 12/31/18



# Market Leading Scale and Brand Recognition

~\$45mm spent in 2018 to support national marketing campaign  
>\$650mm spent on local and national advertising since 2011

## Media Partnerships



**NAF: 2%**

of monthly membership dues contributed to National Advertising Fund

## Memorable Marketing



**Local: 7%**

of monthly membership dues spent on local advertising



Planet Fitness is the only gym gaining ground in top of mind awareness over last year's post-New Year's period

#1 in unaided brand awareness, dethroning Gold's Gym<sup>1</sup>



NYE celebration watched by over 1 billion worldwide and 175 million in US

<sup>1</sup>Planet Fitness Jan. 2019 Brand Health Study conducted by third party, Directive Analytics

## Engagement and Awareness Metrics are Growing



4.2MM+



207,000+



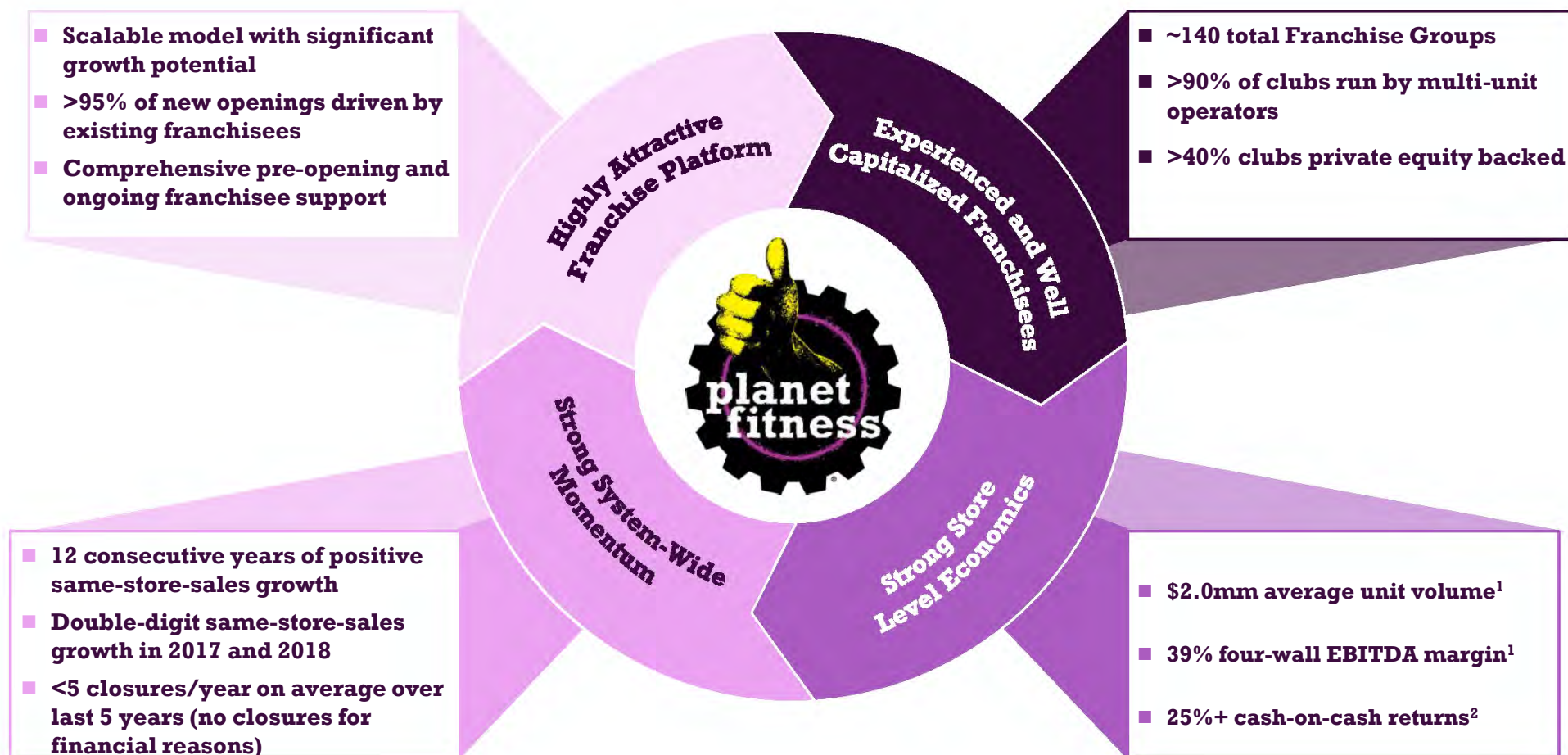
9.3MM+



135,000+



# Highly Attractive Franchise System



<sup>1</sup> Based on results as of 12/31/2018. Assumes 7% royalty rate.

<sup>2</sup> Based on survey data and management analysis, franchisees have historically earned, and we believe can continue to earn, in their second year of operations, on average, a cash-on-cash return on unlevered (i.e., not debt-financed) initial investment greater than 25% after royalties and advertising, which is in line with our corporate-owned stores





# Versatile Development Model

## Attractive Facilities

- Bright, clean, large-format fitness clubs
- Consistent branding, color scheme and décor
- High-quality branded fitness equipment

## Proven Success in a Variety of Environments

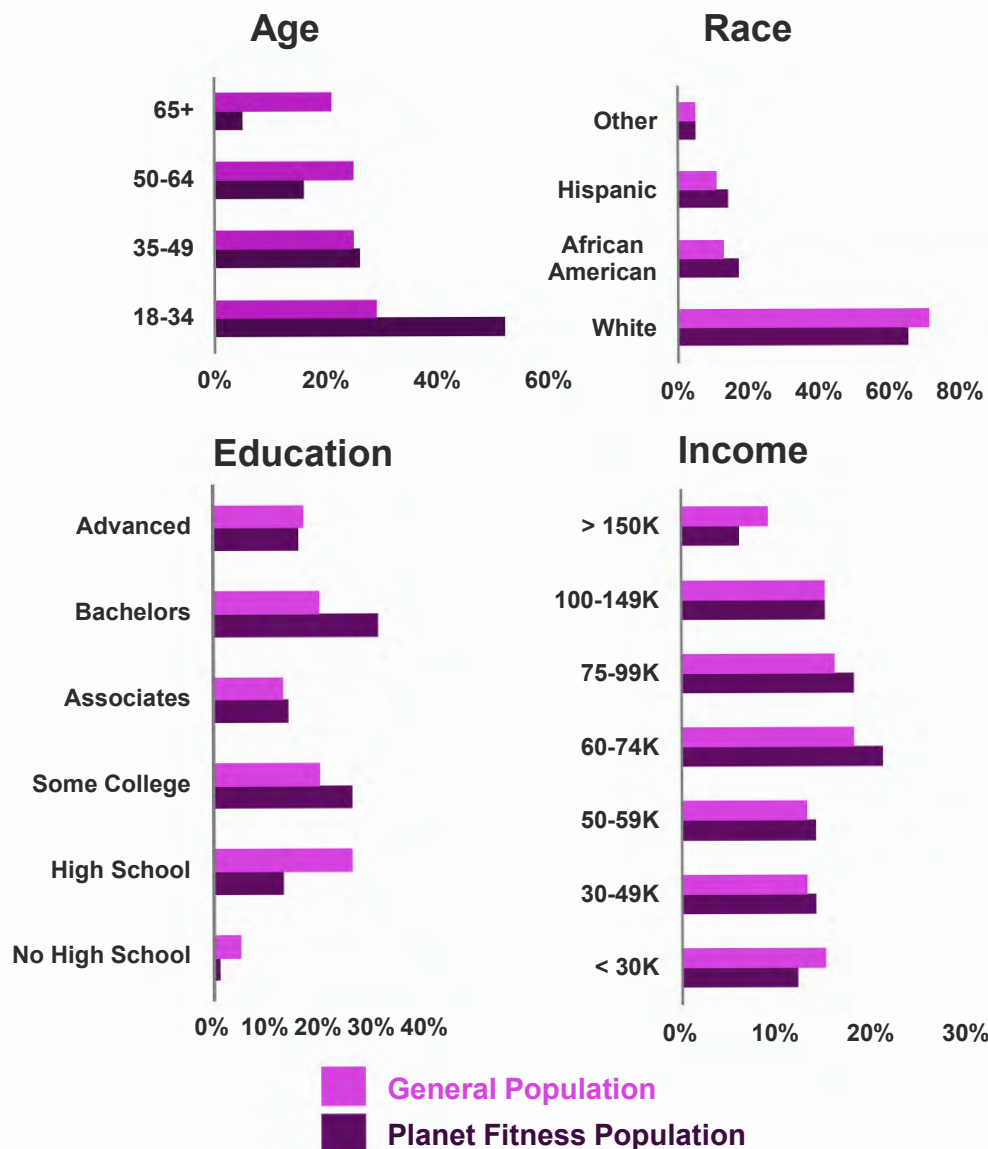
- Urban, suburban, rural
- Strip centers, free standing, malls
- 50 states and 5 countries

## Preferred Site Characteristics

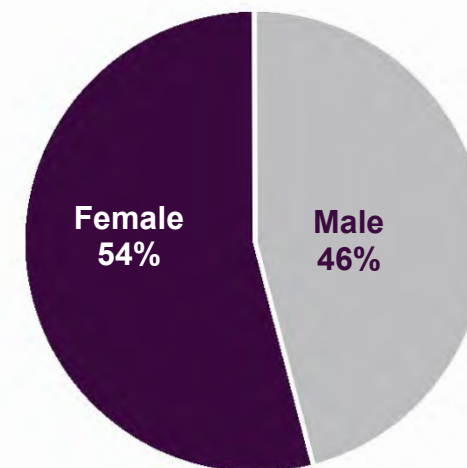
- 12,000-25,000 sq. ft. box
- Strong co-tenancy
- Favorable traffic counts and patterns
- Highly visible façade and signage
- Ample parking or access to public transportation



# Broad Demographic Appeal



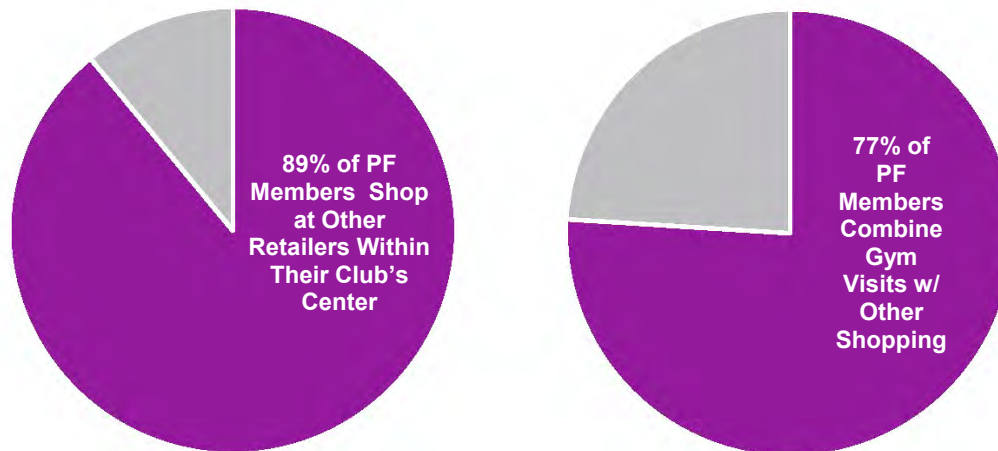
■ With over 12 million members and counting, Planet Fitness appeals to a **wide range of demographic profiles**, but our membership tends to skew **slightly younger, more female, and more diverse** than the general population and belongs to **middle income and education brackets**





# Traffic Driver to Co-Tenants

## Planet Fitness Drives Traffic to its Co-Tenants



## PF Members' Favorite Chains



Source: Placer.ai

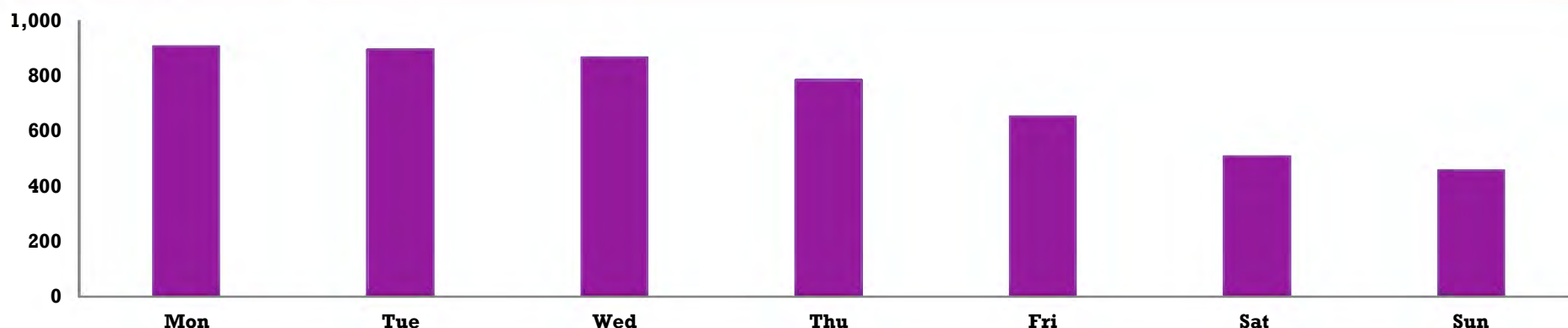
- **77%** of PF Members combine their gym visits with other shopping at least occasionally
- **89%** of PF Members shop at other retailers within their club's shopping center and **58%** do so at least once per week
- **22%** of members reported that they would "never" visit their club's shopping center if Planet Fitness were not located in it and **54%** said they would visit either "never" or "less than once per week"

Source: Alta360 customer intercept surveys conducted in 2019 (>1,800 members surveyed across 23 clubs)



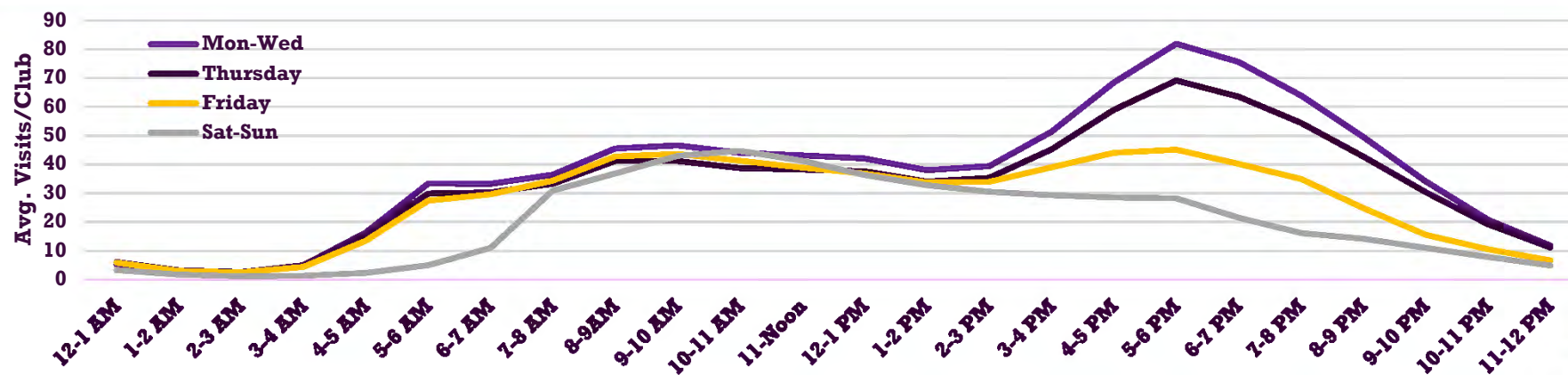
# Favorable Member Traffic Patterns

Average Visits per Store by Day of Week



- Traffic is lightest on weekends and heaviest Monday through Wednesday
- 52% of member visits are less than 1 hour; 81% are less than 90 minutes
- Over 400 million workouts across the country in 2018 and more than 5,000 weekly visits/store

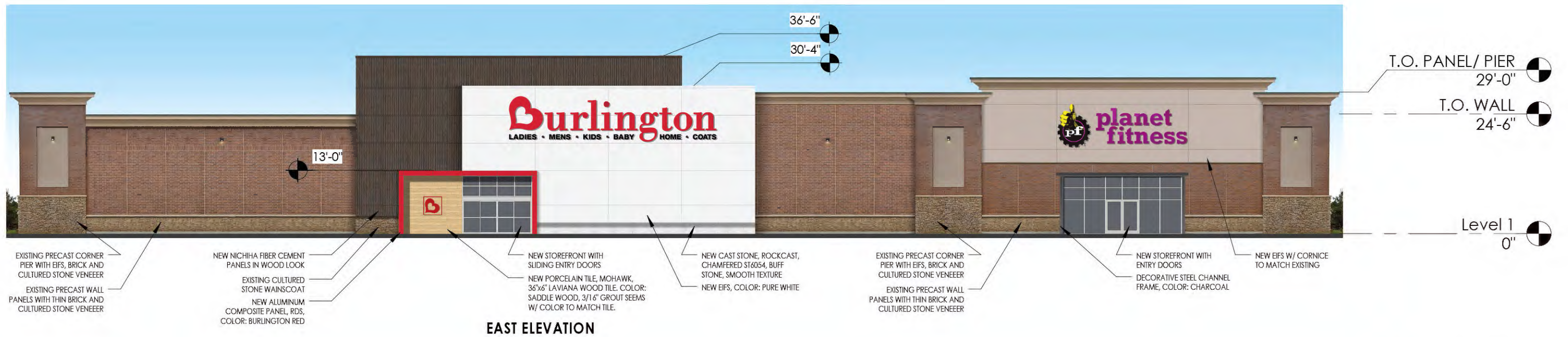
Average Visits per Store by Time of Day



Source: Planet Fitness usage data; Alta360 customer intercept surveys



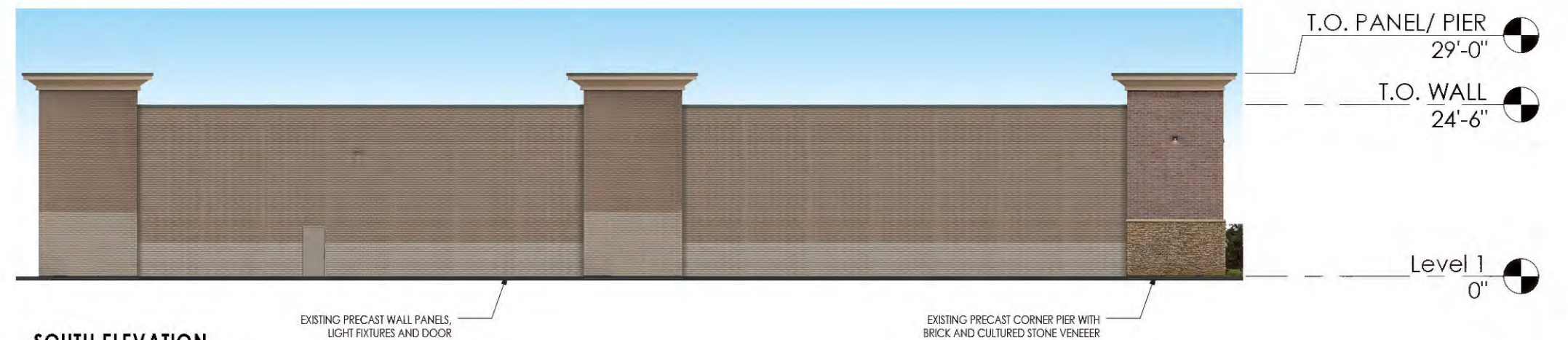




EAST ELEVATION



NORTH ELEVATION



SOUTH ELEVATION

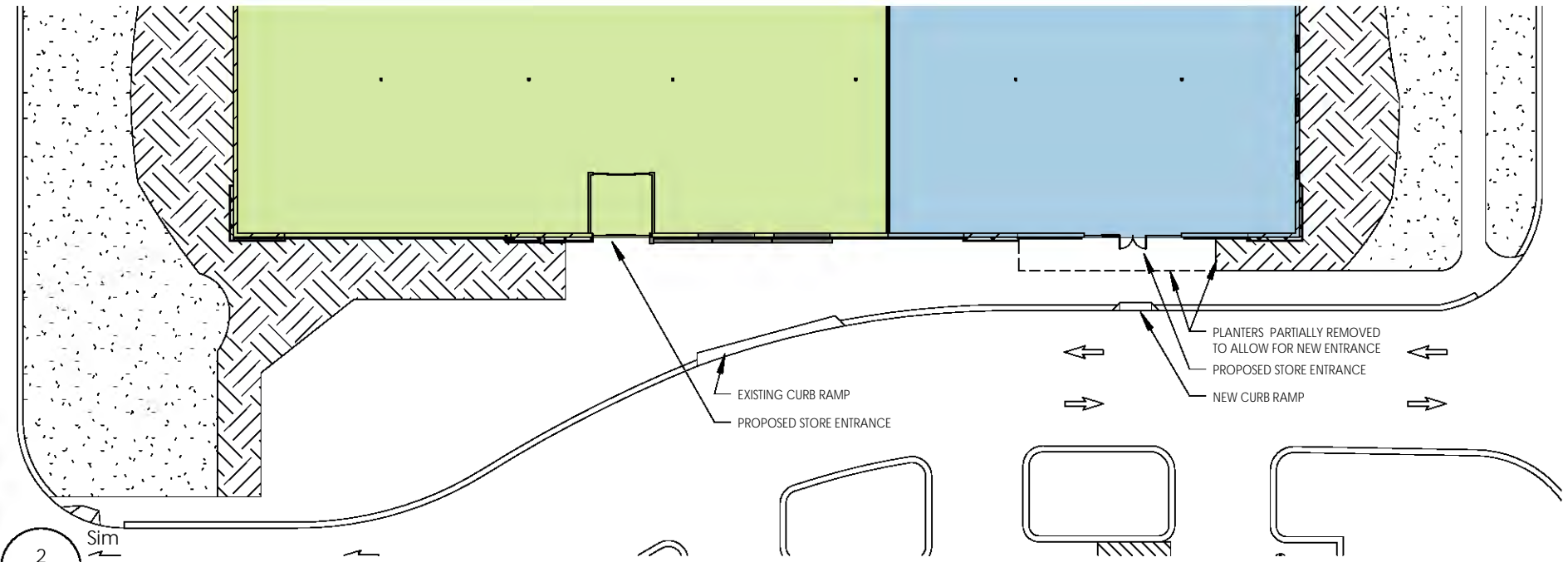
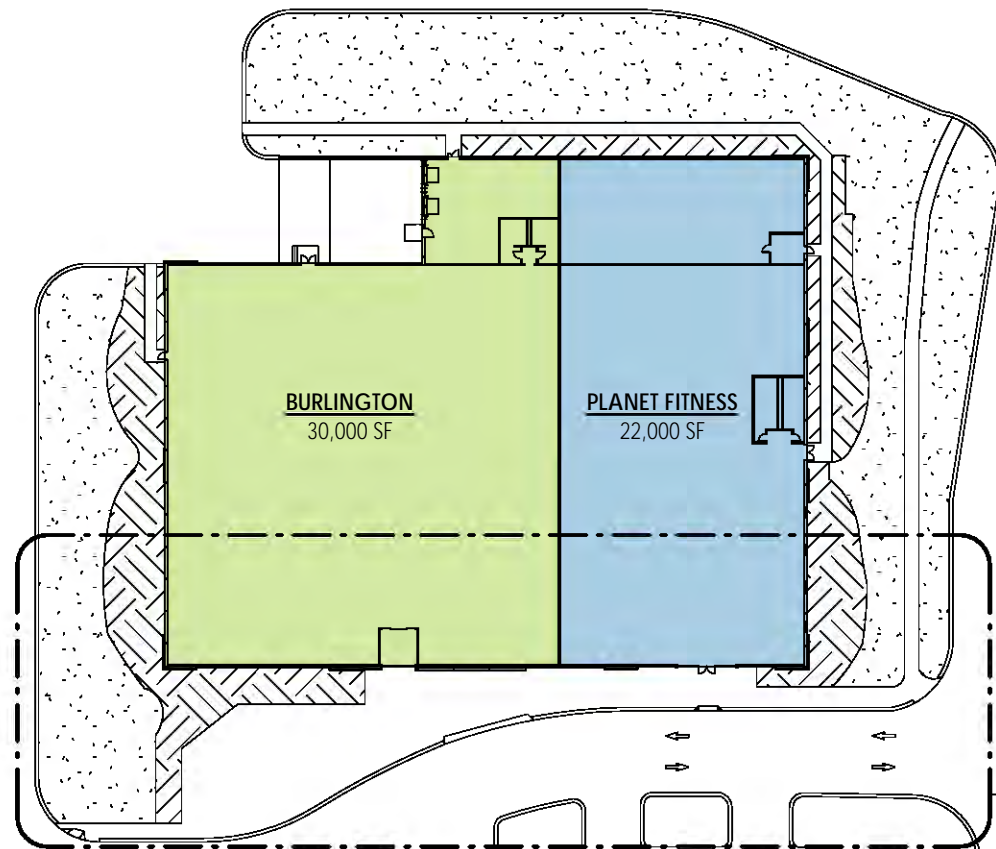
**PROPOSED ELEVATIONS**

1400 SOUTH RANDALL ROAD

ALGONQUIN, IL

DATE	10.15.2019
REV#	
PROJ #	1930.000.000
SHEET	SK-100919





**2 SITE PLAN - ENLARGED PLAN**  
1" = 40'-0"

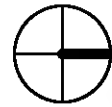
TO BE REPAINTED  
AND STRIPED TO  
4 STANDARD LANES

TO BE REPAINTED  
AND STRIPED TO  
2 HANDICAP LANES

**1 SITE PLAN**  
1" = 80'-0"



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**PROPOSED SITE PLAN**

1400 SOUTH RANDALL ROAD

ALGONQUIN, IL

DATE	10.15.2019
REV#	
PROJ #	1930.000.000
SHEET	SK-100920



84" ILLUMINATED CHANNEL LETTERS w/ TAG LINE

SCALE: 3/16" = 1'-0"



72" ILLUMINATED CHANNEL LETTERS w/ TAG LINE

SCALE: 3/16" = 1'-0"



66" ILLUMINATED CHANNEL LETTERS w/ TAG LINE

SCALE: 3/16" = 1'-0"







**VILLAGE OF ALGONQUIN**  
*COMMUNITY DEVELOPMENT DEPARTMENT*

**– M E M O R A N D U M –**

DATE: November 19, 2019

TO: Committee of the Whole

FROM: Ben Mason, AICP, Senior Planner

SUBJECT: **Case No. PC2019-11. 121 N. Main Street – Front Porch Replacement  
– Certificate of Appropriateness Appeal**

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Introduction

Mr. Jim Dawson, property owner of 121 North Main Street, applied for a Certificate of Appropriateness for porch replacement on the property in question. In accordance with Section 10.07-C-3-c of the Old Town District Preservation Code, the proposed improvement is considered a “major improvement” and was reviewed by the Historic Commission on October 9, 2019. A copy of the meeting minutes is enclosed. The Historic Commission considered the petition and voted 5-0 recommending the issuance of a Certificate of Appropriateness with the following conditions:

1. The porch columns, spindles and newel posts shall all be turned, not square.
2. A decorative lattice skirting shall be applied to the base of the porch.
3. The petitioner shall be required to obtain a building permit from the Algonquin Community Development Department prior to starting construction.

Mr. Dawson is appealing the Historic Commission’s recommendation to the Committee of the Whole. Specifically, Mr. Dawson is appealing the Historic Commission’s requirement that the porch columns, spindles and newel posts must be a turned or round design. Mr. Dawson would prefer to retain the square columns, posts and spindles already constructed.

Proposed Improvement

The property owner removed much of the home’s existing front porch this summer, without a building permit, and is in the process of replacing the porch with new decking, stairs, railing, spindles and columns. Due to the vintage of the house – circa the late-1800s Victorian era – staff recommends turned spindles and columns be used to be most compatible with the character of the home’s design. Enclosed please find a copy of the staff report and back-up information that was provided to the Historic Commission and property owner, Mr. Jim Dawson. Staff will present a PowerPoint slideshow illustrating the details of the project at the Committee’s meeting on Tuesday evening.

# **ALGONQUIN HISTORIC COMMISSION**

## **MINUTES FOR REGULAR MEETING**

**October 09, 2019**

**7:00 P.M.**

**Held at Historic Village Hall - 2 South Main St. — Algonquin**

### **Call to order – Establish Quorum**

Present: Chairman Jolitz and Members Himes, Pawula, Purn, and Lewis

**Approve Minutes of Regular Meeting of September 11, and Workshop Meetings of September 21 and 28, 2019.** Moved: Member Himes Seconded: Member Purn

Voice Vote: All Ayes. Minutes Approved.

### **AUDIENCE PARTICIPATION – PUBLIC COMMENT**

None

### **PUBLIC HEARING:**

Public Hearing for Consideration of a Major Improvement in the Old Town District; Case No. PC19-11, 121 North Main St, for Porch Alteration / Replacement.  
Petitioner: Jim Dawson.

### **STAFF PRESENTATION**

The property owner removed most of the existing front porch this summer, and is in the process of replacing the porch with new decking, stairs, railing, skirting, spindles and columns in addition to rebuilding/reinforcing sagging floor structure and supports. Enclosed are photos of the previous front porch as well as the current appearance.

Also enclosed is a rendering of the proposed new front porch provided by the petitioner. The plan shows square columns and spindles. Due to the vintage of the house – circa the late-1800s Victorian era – staff recommends turned spindles and columns be used to be most compatible with the character of the home's design.

Additionally, staff would recommend a decorative lattice skirting be applied to the base of the porch and / or siding to match the rest of the home's exterior.

#### Recommendation

Staff recommends approval of the Certificate of Appropriateness, subject to the following conditions:



1. The porch columns, spindles and newel posts shall all be turned, not square in design.
2. The petitioner shall be required to obtain a building permit from the Algonquin Community Development Department prior to starting construction.

### COMMISSION DISCUSSION

Petitioner stated that in his opinion the porch is being repaired / undergoing maintenance work not replaced. Petitioner claims that there are numerous examples of square post and more modern additions in the area. He said Port Edward did not add old style decorative elements to their new outdoor dining area and he also showed some photos of other buildings in Algonquin without turned posts, etc. (Note: the examples he provided were more modern design buildings, or projects that were done before the Preservation Code, and just have had minor maintenance repairs since). He further claimed that "Algonquin was a poor community at the time the house was built, and homes built in Algonquin during this time did not have any decorative details like homes built in Elgin or other area towns". He claimed that the house did not originally even have a porch on this side and that the house would never have had turned spindles or any decorative details, as "such things were economically out of reach for Algonquin residents". (Note: This was a very inaccurate statement as Algonquin was NOT a "poor community" and almost all homes built in Algonquin 1880 – 1910 actually had varying levels of ornamentation. With some like this one, being highly ornamented). Chairman Jolitz stated that this homes design and ornamentation originally was much like the former clock shop (the C. Geister home at 302 S. Main Street, now on the National Register) with much detailed work , turned posts, brackets, fish scale shingles, end gable and roof ornamentation and a very detailed and ornamented tower. Chairman Jolitz also stated that old Sidwell maps confirm there was indeed always a long porch on the northside of the home.

It was further stated by Staff & Commission Members that the project was a re-building of the porch and clearly NOT routine maintenance, as the petitioner claimed, since MUCH more than 50% of the porch , literally almost everything below the roof is getting replaced. This project is a remodel/replacement, well beyond "routine maintenance". Petitioner said he not want to replace what he has done and would like to compromise, maybe just replace the posts and keeping the square spindles. Chairman Jolitz said that he was unsure of why neither the petitioner nor the contractor had obtained a Building Permit as required considering the scope of the project. The Petitioner even stated what poor condition the porch was in, to the point of failure of the porch roof structure which was even failing - sagging 4" to 5" and had to be raised back in place and

supported with a reconstructed/enhanced porch floor support system. Ben Mason said that the style of the home is the most important determining factor in the design of the new replacement porch details. Features should be reflective of the architectural style of home. Craftsman, Prairie, and other styles of homes had square columns and square spindles not Queen Anne homes of the Victorian era. Chairman Jolitz said that petitioner lives in Trout Valley and is well aware that there are often Covenants, Guidelines, Building Codes, or Rules governing projects or improvements, and work done in certain places, subdivisions, or areas. Petitioner said that is how they like it where they live, as the rules they have in place maintains their quality of life in their area. Petitioner was asked, why should the residents and other property owners within Algonquins Old Town District be treated any differently and our local Code ignored. Are our residents not entitled to live in an area also protected by guidelines, which help afford them some level of protection of their neighborhoods, support property values, etc under the Preservation Code requirements that cover Algonquins Old Town.

The petitioner is a lifetime area resident, and is well aware his building, which he has had for decades, is located in the old town district an area covered by the Preservation code. Petitioner again stated he wanted a compromise on his project. Members indicated that they strongly felt that the current Staff Recommendation was already a huge compromise for this project. Chairman Jolitz stated that if this project had gone through the proper process of a Hearing in advance of the work, as it would have if they obtained a Building Permit before the project was started, the Commission likely would have looked for a more historically accurate porch rebuild, including traditional solid surface tongue-n-groove porch flooring, instead of the deck planks the petitioner used, and also the addition of other additional elements. Petitioner was asked – “ If a picture was presented to him of the home showing all the original porch details and all of the decorative brackets, upper porch railing lattice/spindle work and spandrels, would you be willing to rebuild the porch as it was originally ? “ Because that is what the Code requires in its Design Guidelines, and furthermore what several hundred other projects/property owners ALREADY have done for the last 21 years, and followed the code guidelines, since the Code was established. The petitioner replied; No, he did not want to.

Members felt and said, then what staff has included in its outline and recommendation, is actually already a huge compromise, and he should probably consider accepting what Village Staff is proposing. Members stated that the deck planks used for flooring can remain, but the posts/columns and railing should be of turned design as Staff has recommended. Petitioner said he only bought the property to stop a McDonalds from coming into the neighborhood.

He thinks it is ridiculous that he should have to do this or any extra work when the building is going to be torn down for a future development project in four or five years anyway. It was stated, we had NO knowledge of any current plan for any such pending project. He said he is willing to compromise and only just wanted to change the posts. He stated, it took him years to find someone to replace the railing and he was being treated unfairly. Member Purn said "you should have gone through the process of getting a Permit first". All in the Old Town District are under the code, others have had to follow it. Members asked Ben Mason, what action has the village required of property owners previously, that have done work outside of the code or its requirements. Ben spoke about other cases in which property owners who did not follow the code were required to comply (which they all subsequently did). The property owner of 408 S. Main had to replace the square spindles and stair newel posts installed on his porch with turned ones, after he used square ones in error. Other Property owners have also had to bring projects into compliance, like when they purchased the wrong siding (width of clapboard) and been forced to return it and use the proper width clapboards. Petitioner thinks that it is unreasonable to have to follow the Village code. Purn stated that if you don't like the Staff recommendations based on Code requirements you can appeal to the Village Board. Members Pawula said, he understands what the petitioner is asking for regarding his rental property, but the code clearly states what design is required, so this project should be bound and held to the same standards as to everyone else's projects in the District. Members Lewis and Himes said they strongly agreed that the Code requirements should be applied consistently and uniformly across all projects in the Old Town District – it must be fair to everyone, to have all comply with the Code. There clearly cannot be two or more different sets of rules covering the District. All members agreed- there must be a uniform standard applied to all properties and all petitioners in the District. The petitioner stated that he still doesn't believe he should have to comply. Members said he is still able to use, vinyl or other type of more maintenance free railing materials and does not have to use wooden railings, requiring painting etc.

**MOTION:**

Motion by Member Purn, seconded by Member Himes, that the Building Commissioner issue the requested Certificate of Appropriateness for Case PC19-11, for the proposed porch replacement at 121 N. Main St, consistent with the conditions listed in the October 9, 2019 Village Staff memorandum including the recommended use/addition of turned porch posts and railing design and also adding the use of a decorative lattice skirt to the base of the porch. Motion was repeated by Chairman and he asked if there were any questions or further discussion. Being none, he called for a Voice Vote: All members voted Aye.

**PUBLIC HEARING:**



**VILLAGE OF ALGONQUIN**  
*COMMUNITY DEVELOPMENT DEPARTMENT*

**– M E M O R A N D U M –**

DATE: October 9, 2019

TO: Historic Commission

FROM: Benjamin A. Mason, AICP, Senior Planner

SUBJECT: **Case No. PC19-11 / 121 N. Main Street**

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Introduction

Mr. Jim Dawson, owner representative for the property at 121 N. Main Street, has applied for a Certificate of Appropriateness for porch replacement on the house located on the property in question. In accordance with Section 10.07-C-3-c of the Old Town District Preservation Code, the proposed improvement is considered a “major improvement” and shall be reviewed by the Historic Commission at a public meeting prior to the issuance of a Certificate of Appropriateness or Building Permit.

Location

The property in question is located on N. Main Street, between Front and Edward Streets.

Old Town Survey Findings

On the following page please find the excerpt from the 1995-1996 Old Town Survey that describes the house at 121 N. Main Street.

Proposed Improvement

The property owner removed much of the existing front porch this summer, and is in the process of replacing the porch with new decking, stairs, railing, spindles and columns. Enclosed are photos of the previous front porch as well as the current appearance.

Also enclosed is a rendering of the proposed new front porch provided by the petitioner. The plan shows square columns and spindles. Due to the vintage of the house – circa the late-1800s Victorian era – staff recommends turned spindles and columns be used to be most compatible with the character of the home’s design.

Additionally, staff would recommend a decorative lattice skirting be applied to the base of the porch and / or siding to match the rest of the home’s exterior.

Recommendation

Staff recommends approval of the Certificate of Appropriateness, subject to the following conditions:

1. The porch columns, spindles and newel posts shall all be turned, not square.
2. The petitioner shall be required to obtain a building permit from the Algonquin Community Development Department prior to starting construction.

Staff will present this case in detail at the Commission meeting on Wednesday evening.

Enclosures  
COA Application

## OLD TOWN SURVEY

121 North Main St **Queen Anne Style**

### Interesting Features



1899 Albert Strahle

Residence features a square tower, varied roof lines, leaded and stained glass tower windows. Inappropriate remodeling has replaced original features. The original owner was a local carpenter, the home was very elegant at one time.

Interesting two story town barn in rear. (Note: Barn demolished in 1996.)

Note- One of the two buildings with towers remaining in town.

Rating Scale

10	9	8	(7)	6	5	4	3	2	1
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Significant

Contributory

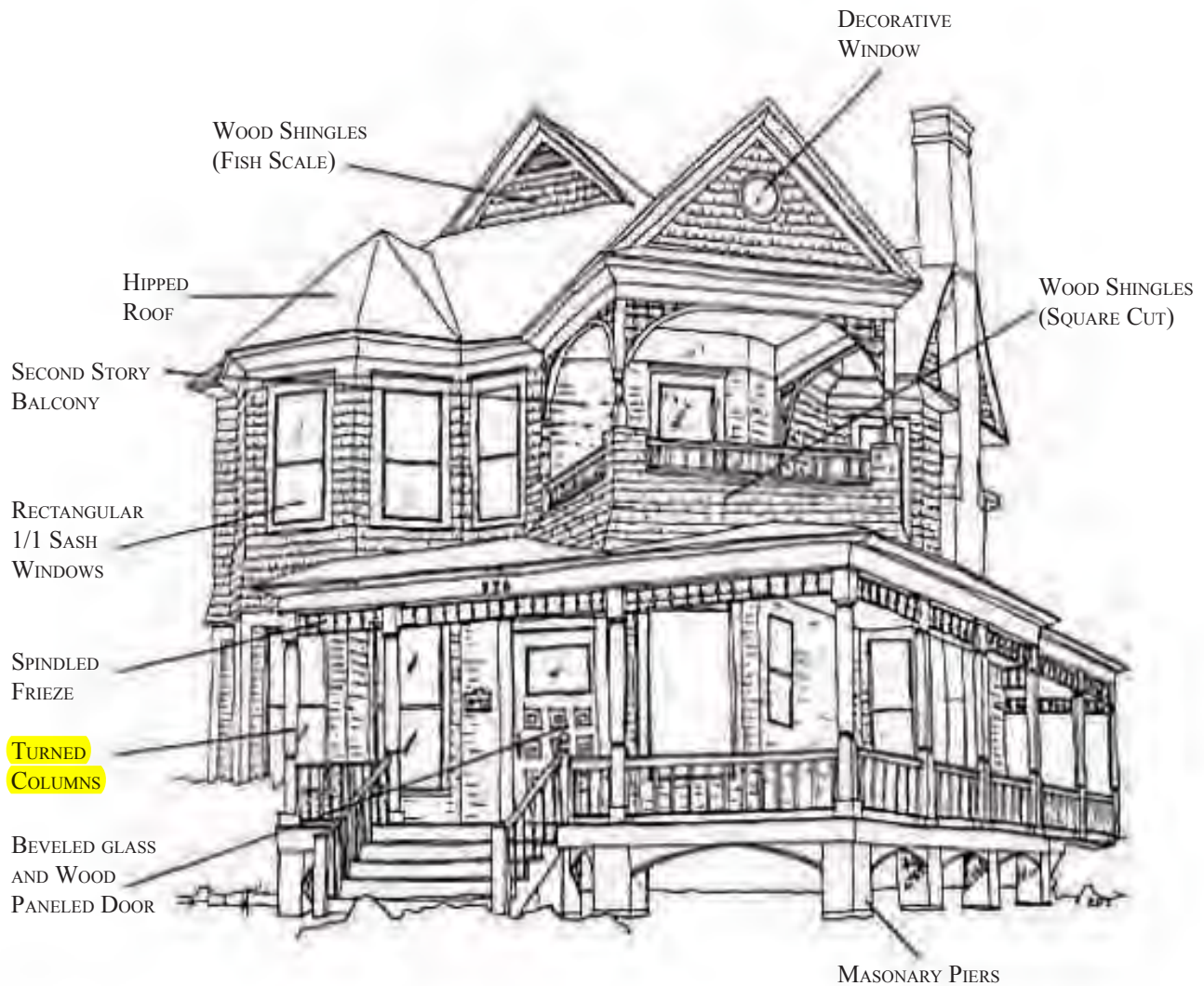
Not Significant



## VI. ELGIN'S ARCHITECTURE AND BUILDING STYLES

### QUEEN ANNE STYLE, ca. 1880 - ca. 1910

The Queen Anne style was one of the most common American house forms in the late 19th century and featured an asymmetrical floor plan and extensive exterior detailing. This style is generally two-stories in height and often features corner towers, turrets, or projecting bays. Exterior wall surfaces are often varied with mixtures of brick, wood siding, stone, and wood shingles. Large wraparound porches with milled columns and balusters are usually present on the main facade. Windows are one-over-one sash or of small multi-light design. Brackets or decorative vergeboard are often found in the gables. The boom years of Elgin's late 19th century growth coincided with the popularity of the Queen Anne style and hundreds of excellent examples of these dwellings were built throughout the city. Representative examples of this style include 711 Douglas Avenue and 600 E. Chicago Street.



QUEEN ANNE STYLE DWELLING AT 326 E. CHICAGO STREET

# 121 N. Main Street

**Spring 2013**



**Fall 2019**





**VILLAGE OF ALGONQUIN  
OLD TOWN DISTRICT HISTORIC PRESERVATION  
APPLICATION FOR CERTIFICATE OF APPROPRIATENESS**

RECEIVED  
SEP 23 2019  
COMMUNITY DEVELOPMENT

2nd WED

OFFICE USE ONLY

Case # PC19-11

**PROPERTY AND APPLICANT INFORMATION**

Address of Property: 121 Main St

Name of Applicant: Algonquin State Bank u/T #1424

Address: 211 River Dr, Trout Valley, IL, 60013

Telephone (day): 224-520-1564 Evening: 847-639-3996

Email: dawsonemyle@gmail.com

Name of Property Owner: Algonquin State Bank u/T #1424

Address: 211 River Dr, Trout Valley, IL, 60013

Telephone (day): 224-520-1564 Evening: 224-520-847-639-3996

Email: dawsonemyle@gmail.com

**TYPE OF WORK (Check All That Apply)**

- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Exterior Alteration/Repair | <input type="checkbox"/> New Construction   | <input type="checkbox"/> Demolition              |
|  | <input type="checkbox"/> Primary Structure  | <input type="checkbox"/> Whole Primary Structure |
|  | <input type="checkbox"/> Addition           | <input type="checkbox"/> Part Primary Structure  |
|  | <input type="checkbox"/> Garage/Outbuilding | <input type="checkbox"/> Garage/Outbuilding      |
|  | <input type="checkbox"/> Other: _____       |  |
|  |   | <input type="checkbox"/> Relocation of Building  |

**TREE REMOVAL**

Will this improvement necessitate the removal of any trees on the property? ☒ No ☐ Yes

If yes, please describe: \_\_\_\_\_

In consideration of this application and attached plans and specifications being made a part thereof, I/we will conform to all of the regulations set forth in the Village of Algonquin, Illinois Codes and Ordinances.

I/we further agree that all work will be in accordance with the plans and specifications which accompany this application, except for such changes as may be authorized or required by the Building Commissioner. On completion of the work, I/we agree to notify the Community Development Department at (847) 658-4184 to schedule an inspection of the property.

Owner/Authorized Agent Signature

9-13-19  
Date

## EXTERIOR ALTERATION/REPAIR

**Check each work item for which approval is requested:**

- |   |   |
|---|---|
| <input type="checkbox"/> Architectural Feature (decorative ornamentation) | <input type="checkbox"/> Retaining Walls (taller than 36 inches only) |
| <input type="checkbox"/> Deck   | <input type="checkbox"/> Roof (Change in shape, feature, materials)   |
| <input type="checkbox"/> Door   | <input type="checkbox"/> Siding                                       |
| <input type="checkbox"/> Material Change (Wood, brick, etc.)              | <input type="checkbox"/> Signs  |
| <input type="checkbox"/> Paving (Parking lot, driveways, landscaping)     | <input type="checkbox"/> Skylights                                    |
| <input checked="" type="checkbox"/> Porch – Maintenance and minor repair  | <input type="checkbox"/> Windows                                      |
| <input type="checkbox"/> Porch – Major repair and reconstruction          | <input type="checkbox"/> Other: _____                                 |

**List and describe in detail all work to be done for each item in the space provided on the following page. Include the following materials where appropriate and check the appropriate box if included.**

- ☒ A. Drawings, photographs, specifications, manufacturer's illustrations, or other description of proposed changes to the building's exterior. Scale drawings with dimensions are required for major changes in design (roofs, facades, porches, and other prominent architectural features).
- ☐ B. If application is for any feature not on the primary structure, include a site plan.
- ☐ C. If material changes are proposed, include samples, catalog cuts, or description.

### ☐ NEW CONSTRUCTION/ADDITIONS

**Include the following materials where appropriate and check appropriate box if included:**

- ☐ For primary structure, outbuilding or addition:
- ☐ 1. Site Plan with measured distances.
  - ☐ 2. Elevation drawings of each proposed façade with dimensions and specifications which clearly illustrate the exterior appearance of the project.
  - ☐ 3. Drawings, photographs, samples, manufacturer's illustrations, or other description of material to be used.
- ☐ Drawings or other description of other site improvements (pavements, decks, etc.)

### ☐ DEMOLITION OF STRUCTURE

1. Describe the structure's condition and reason for demolition.
2. Describe the proposed reuse of the site, including drawings of any proposed new structure or landscaping.
3. If economic hardship is claimed, include evidence that hardship exists.

### ☐ RELOCATION OF STRUCTURE

1. Explain what building will be moved, where, why and if there are any proposed changes.
2. If a building will be moved into the district from outside, include photographs.
3. Include a site plan showing proposed location of the structure of the new parcel. Describe any site features which may be altered or distributed, e.g., foundations, walls, vegetation.

**DESCRIPTION OF PROPOSED WORK:**

Please describe in detail all work to be done for each item check on the COA application. Use additional sheet if necessary:

Porch supports were decayed to the point that the open porch roof had sagged 5" and was in jeopardy of collapse. Substructure was reconstructed in order to support the weight of the porch roof with new supports and railings also installed to support roof and safer hand rails on porch and steps to porch.

All work was preformed by Bud Ihrke Construction who is a well known local contractor.

See attached pictures of the siding to be installed on the side of the porch which will be the same siding as previously used.

**PLEASE RETURN APPLICATION FORM AND SUPPORTING DOCUMENTATION TO:**

Village of Algonquin  
Community Development Department  
2200 Harnish Drive  
Algonquin, IL 60102-5995

For more information or any questions, contact Ben Mason, Village Planner at 847-658-4184.



**MENARDS**

Designed on September 20, 2019 at Menards Design Center. (ID: Currently Not Available)

**Before**



**After**



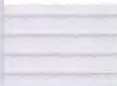
renov

**Products Used**



**Wall 1**

Brand: Gentek  
Type: Siding  
Look: Concord D4  
Color: Pearl  
SKU: 1488560







**VILLAGE OF ALGONQUIN**  
*COMMUNITY DEVELOPMENT DEPARTMENT*

**– M E M O R A N D U M –**

DATE: November 14, 2019

TO: Committee of the Whole

FROM: Ben Mason, AICP, Senior Planner

SUBJECT: *Consideration of Spectrum Senior Living Special Service Area*

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Committee members will likely recall, a public hearing was scheduled earlier this fall on a proposed Special Service Area (“SSA”) for Spectrum Senior Living. The time of the hearing was scheduled for 7:25pm Tuesday, November 19, immediately preceding Tuesday’s Board and Committee meetings.

This proposed SSA provides backup funding for common area and storm water maintenance. The Village would levy an additional property tax against this SSA in the instance that Spectrum Senior Living fails to perform the proper maintenance on these facilities. In that case, the Village levy will provide funding for that maintenance, and the Village would perform the maintenance. The Village has to provide notice of failure and an opportunity to correct the issue prior to levying against the SSA. This SSA has been agreed to by Spectrum as part of their annexation agreement with the Village, and is a Village policy for new development.

Attached is a copy of ordinance 2019-O-31, that proposed establishment of the SSA, and was approved by the Board on September 17, 2019. A separate ordinance formally establishing the SSA would be presented for Village adoption at the December 3, 2019 Board meeting.

Concurrence to move this forward for Board approval is recommended.

# ORDINANCE NO. 2019-O-31

## *An Ordinance Proposing the Establishment of Special Service Area Number 3 Within the Village of Algonquin and Providing for a Public Hearing and Other Procedures in Connection Therewith for the Property Commonly Known as Spectrum Senior Living PUD*

**BE IT ORDAINED** by the President and Board of Trustees (“the Corporate Authorities”) of the Village of Algonquin (the “Village”), McHenry and Kane Counties, Illinois, a home rule municipality as contemplated under Article VII, Section 6 of the Constitution of the State of Illinois, and the passage of this Ordinance constitutes an exercise of the Village’s home rule powers and functions as granted in the Constitution of the State of Illinois, as follows:

**SECTION 1: Authority to Establish Special Service Areas.** The constitutional authority for home rule powers is set forth in Article VII, Section 6, of the Constitution of the State of Illinois in force July 1, 1971, which provides in relevant part as follows:

### **§ 6. Powers of Home Rule Units.**

Except as limited by this Section, a home rule unit may exercise any power and perform any function pertaining to its government affairs including, but not limited to, the power to regulate for the protection of the public health, safety, morals and welfare; to license; to tax; and to incur debt.

Special service areas are established pursuant to the provisions of Public Act 88-455, the Special Service Area Tax Law, 35 ILCS 200/27-5 *et seq.*, which provides the manner of levying or imposing taxes for the provision of special services to areas within the boundaries of home rule municipalities and non-home rule municipalities and counties.

**SECTION 2: Findings.** This Village's Corporate Authorities find that:

A. It is in the public interest that the creation of Special Service Area Number 3 for the purposes set forth herein, be considered for the real property (“the Area”) legally described as follows:

[SEE EXHIBIT “A” ATTACHED HERETO,]

The Area is located at the southwest quadrant of Harnish Drive and Randall Road, north of Millbrook Townhomes, in the Village of Algonquin and is commonly known as Spectrum Senior Living PUD. The property identification number assigned to the Area is 19-31-400-025. A map of the area is attached hereto as Exhibit “B”.

B. The Area is compact, contiguous and constitutes a separate and distinct development within the Village of Algonquin; the Area will benefit specially from the special services to be provided and as hereinafter described; the proposed special services are in addition to municipal services provided to the Village of Algonquin as a whole; and it is therefore in the best interests of the Village that the levy of special taxes against the Area to finance the special

services to be provided be considered. Such special services would include but not be limited to the following:

1. Maintenance, repair and replacement of stormwater detention, retention and other stormwater management areas and related facilities including, transmission lines, retaining walls, weirs and plantings within the Area, as deemed necessary and appropriate by the Corporate Authorities (“Services”); and
2. Administrative, professionals’, engineers’, attorneys’, consultants’ and contractors’ fees incurred by the Village relative to the provision of any of the above described special services within the Area as deemed appropriate by the Corporate Authorities (collectively, the “Special Services”).

However, under no circumstances shall the provision of such Special Services by the Village or its contractors constitute an acceptance of any personal property or real property within the Area by the Village.

The term of the proposed Special Service Area would be perpetual and the nature of the Special Services is maintenance and new construction within the Area; and

**SECTION 3: Public Hearing - Tax Rate:** A public hearing shall be held on the 19th day of November, 2019, at 7:25 p.m. in the Algonquin Village Hall, 2200 Harnish Drive, Algonquin, Illinois 60102, to consider the creation of Special Service Area No. 3 of the Village of Algonquin for the Area described in Section 2-A of this Ordinance. At the public hearing there will also be considered the levy of an annual tax not to exceed the annual rate of .600 percent of the assessed value, as equalized, of the taxable property within the Area, said tax to be levied annually from the date of the establishment of a special service area for the Area. Said taxes shall be in addition to all other taxes provided by law and shall be levied pursuant to the provisions of the Special Service Area Tax Law. The foregoing notwithstanding, the tax hereunder shall be levied only in the event that; (i) the Village shall first give notice to the owner of the Area that the Village, in its reasonable legislative discretion, is contemplating providing all or some of such Special Services, and the reasons therefore, and (ii) the Owner shall, within 30 days after the date of such notice, fail to adequately provide such Special Services as determined by the Village.

**SECTION 4: Notice of Public Hearing.** Notice of the public hearing shall be published at least once not less than 15 days prior to the public hearing in one or more newspapers of general circulation in the Village of Algonquin, Illinois. In addition, notice by mailing shall be given by depositing said notice in the United States mail addressed to the person or persons in whose name the general taxes for the last preceding year were paid on each lot, block, tract or parcel of land lying within the proposed Special Service Area. Said notice shall be mailed not less than 10 days prior to the time set for the public hearing. In the event taxes for the last preceding year were not paid, the notice shall be sent to the person last listed on the tax rolls prior to that year as the owner of the Area. The notice shall be in substantially the form shown on Exhibit “B” attached hereto.

**SECTION 5:** If any section, paragraph, subdivision, clause, sentence or provision of this Ordinance shall be adjudged by any Court of competent jurisdiction to be invalid, such judgment shall not affect, impair, invalidate or nullify the remainder thereof, which remainder shall remain and continue in full force and effect.

**SECTION 6:** All ordinances or parts of ordinances in conflict herewith are hereby repealed to the extent of such conflict.

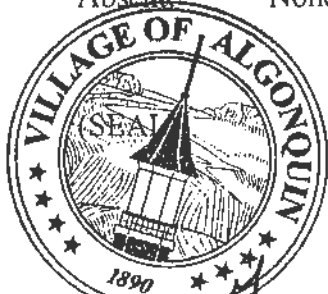
**SECTION 7:** This Ordinance shall be in full force and effect upon its passage, approval and publication in pamphlet form, which is hereby authorized, as provided by law.

Voting Aye: Steigert, Jasper, Glogowski, Sosine, Brehmer, Spella

Voting Nay: None

Abstain: None

Absent: None



ATTEST:

Gerald S. Kautz  
Village Clerk Gerald S. Kautz

APPROVED:

John C. Schmitt  
Village President John C. Schmitt

by: Michelle A. Weber  
Michelle A. Weber, Deputy Village Clerk

Passed: September 17, 2019

Approved: September 17, 2019

Published: September 18, 2019

Z:\A\AlgonquinVillageofOrdinances\SSA#.doc

## EXHIBIT "A"

THAT PART OF THE NORTH 1/2 OF THE SOUTHEAST 1/4 OF SECTION 31, TOWNSHIP 43 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS: BEGINNING AT THE SOUTHWEST CORNER OF SAID NORTH 1/2; THENCE NORTH 1 DEGREE 42 MINUTES 19 SECONDS EAST ALONG THE WEST LINE OF SAID NORTH 1/2, 1284.19 FEET TO THE SOUTH LINE OF HARNISH DRIVE AS DEDICATED BY DOCUMENT NUMBER 1998R0075129; THENCE SOUTH 89 DEGREES 48 MINUTES 16 SECONDS EAST ALONG SAID SOUTH LINE, 657.00 FEET; THENCE SOUTH 0 DEGREES 11 MINUTES 44 SECONDS WEST, 303.00 FEET; THENCE SOUTH 89 DEGREES 48 MINUTES 16 SECONDS EAST, 660.00 FEET; THENCE SOUTH 0 DEGREES 11 MINUTES 44 SECONDS WEST, 980.70 FEET TO THE SOUTH LINE OF THE NORTH 1/2, BEING ALSO THE NORTH LINE OF MILLBROOK TOWNHOMES AS PLATTED BY DOCUMENT 2003R0078555; THENCE NORTH 89 DEGREES 48 MINUTES 05 SECONDS WEST ALONG THE NORTH LINE OF SAID MILLBROOK TOWNHOMES, 1350.83 FEET TO THE POINT OF BEGINNING, IN MCHENRY COUNTY, ILLINOIS.

EXCEPTING THEREFROM THE FOLLOWING DESCRIBED PARCEL: THAT PART OF THE NORTH 1/2 OF THE SOUTHEAST 1/4 OF SECTION 31, TOWNSHIP 43 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHWEST CORNER OF SAID NORTH HALF; THENCE NORTH 1 DEGREE 42 MINUTES 19 SECONDS EAST ALONG THE WEST LINE OF SAID NORTH HALF, 1284.19 FEET TO THE SOUTH LINE OF HARNISH DRIVE AS DEDICATED BY DOCUMENT 1999R0075129; THENCE SOUTH 89 DEGREES 48 MINUTES 16 SECONDS EAST ALONG SAID SOUTH LINE, 657.00 FEET; THENCE SOUTH 0 DEGREES 11 MINUTES 44 SECONDS EAST, 303.00 FEET FOR A POINT OF BEGINNING; THENCE SOUTH 89 DEGREES 48 MINUTES 16 SECONDS EAST, 660.00 FEET; THENCE SOUTH 0 DEGREES 11 MINUTES 44 SECONDS WEST, 339.97 FEET; THENCE NORTH 89 DEGREES 48 MINUTES 16 SECONDS WEST, 461.72 FEET; THENCE NORTHWESTERLY ALONG A CIRCULAR CURVE HAVING A RADIUS OF 150.00 FEET CONCAVE TO THE SOUTHWEST, THE CHORD OF WHICH BEARS NORTH 20 DEGREES 20 MINUTES 02 SECONDS WEST, 107.49 FEET; THENCE NORTH 40 DEGREES 51 MINUTES 48 SECONDS WEST, 189.53 FEET; THENCE NORTHWESTERLY ALONG A CIRCULAR CURVE HAVING A RADIUS OF 150.00 FEET CONCAVE TO THE NORTHEAST, THE CHORD OF WHICH BEARS NORTH 20 DEGREES 20 MINUTES 02 SECONDS WEST, 107.49 FEET TO THE POINT OF BEGINNING IN MCHENRY COUNTY, ILLINOIS.



## **EXHIBIT “B”**

### **NOTICE OF PUBLIC HEARING ON THE PROPOSED CREATION OF SPECIAL SERVICE AREA NUMBER 3 FOR SPECTRUM SENIOR LIVING PUD AND THE LEVY OF A SPECIAL TAX THEREFORE IN THE VILLAGE OF ALGONQUIN**

NOTICE IS HEREBY GIVEN that on November 19, 2019, at 7:25 p.m. in the Algonquin Village Hall, 2200 Harnish Drive, Algonquin, Illinois 60102, a public hearing will be held by the President and Board of Trustees of the Village of Algonquin, Illinois, to consider forming a Special Service Area consisting of the following described territory:

[SEE EXHIBIT “A” ATTACHED HERETO]

The Area is located at the southwest quadrant of Harnish Drive and Randall Road, in the Village of Algonquin and is commonly known as Spectrum Senior Living PUD

The property identification number assigned to the Area is 19-31-400-015

All persons affected by the proposed formation of the Village of Algonquin Special Service Area No.3 will be given an opportunity to be heard regarding the formation of and the boundaries of the Special Service Area and may object to the formation of the Special Service Area and the levy of taxes against the Area.

The purpose of the formation of the Village of Algonquin Special Service Area No. 3 in general is to provide special services to the Area, including, but not limited to:

1. Maintenance, repair, and replacement of stormwater detention, retention and other stormwater management areas and related facilities including, transmission lines, retaining walls, weirs and plantings within the Area, as deemed necessary and appropriate by the Corporate Authorities (“Services”); and
2. administrative, professionals’, engineers’, attorneys’, consultants’ and contractors’ fees incurred by the Village relative to the provision of any of the above described special services within the Area as deemed appropriate by the Corporate Authorities (collectively, the “Special Services”).

However, under no circumstances shall the provision of such Special Services by the Village or its contractors constitute an acceptance of any personal property or real property within the Area by the Village.

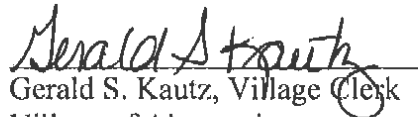
The term of the proposed Special Service Area would be perpetual and the nature of the Special Services is maintenance of the storm water control system and common area within the Area.


A special service area tax will be considered at the public hearing, to be levied annually and not exceed a rate of .600 percent per annum of assessed value, as equalized, to be levied against the real, taxable property included within the proposed Special Service Area.

At the public hearing, all interested persons affected by the formation of the proposed Special Service Area, including all persons owning taxable real estate therein and electors, will be given an opportunity to be heard. The hearing may be adjourned by the Board of Trustees of the Village of Algonquin without further notice to another date other than a motion to be entered upon the minutes of its meeting fixing the time and place of its adjournment.

If a petition signed by at least 51 percent of the electors residing within the Special Service Area and by at least 51 percent of the owners of record of the land included within the Area is filed with the Village of Algonquin Village Clerk within 60 days following the final adjournment of the public hearing objecting to the creation of the Special Service Area, or the levy or imposition of a tax, no such special service area may be created or tax levied or imposed.

Dated this 17<sup>th</sup> day of September, 2019.

  
Gerald S. Kautz, Village Clerk  
Village of Algonquin  
2200 Harnish Drive  
Algonquin, Illinois 60102

by:   
Michelle Weber  
Deputy Village Clerk

LAW OFFICES  
ZUKOWSKI, ROGERS, FLOOD & McARDLE  
50 VIRGINIA STREET  
CRYSTAL LAKE, ILLINOIS 60014

KELLY A. CAHILL  
[kcahill@zrfmlaw.com](mailto:kcahill@zrfmlaw.com)

(815) 459-2050  
Facsimile (815) 459-9057  
[www.zrfmlaw.com](http://www.zrfmlaw.com)

## **MEMORANDUM**

**To:** Committee of the Whole

**From:** Kelly A. Cahill, Village Attorney *KAC*

**Date:** November 14, 2019

**RE:** Recreational Cannabis

---

Attached is a draft ordinance for your review. We combined possession, public use, and prohibition of cannabis businesses and added these provisions to Chapter 43, Offenses Against Public Peace, Safety and Morals, of the Municipal Code. This draft ordinance accomplished the following:

1. Creates a new Section 43.35, Cannabis. Section 43.35-A lays out possession limits, 43.35-B lays out exemptions (as allowed in the Compassionate Use of Medical Cannabis Program Act or the Cannabis Regulation and Tax Act), and 43.35-C prohibits public use;
2. Amends the Drug Paraphernalia section to allow for drug paraphernalia as allowed in the Compassionate Use of Medical Cannabis Program Act or the Cannabis Regulation and Tax Act; and
3. Creates new Section 43.40 prohibiting adult-use cannabis business establishments.

Also, the Village currently does not prohibit the possession of cannabis in its Municipal Code. There is a provision for Synthetic Alternative Drugs (Section 43.35) and for Drug Paraphernalia (Section 43.36). Therefore, we added a new section prohibiting possession in limits above the legal quantity that is now allowed.

## ORDINANCE NO. 2019 - O - \_\_\_\_\_

***An Ordinance Amending Chapter 43, Offenses Against Public Peace, Safety and Morals, of the Algonquin Municipal Code by Adding New Section 43.35, Cannabis, Amending Section 43.36, Drug Paraphernalia, and Adding New Section 43.40, Adult-Use Cannabis Business Establishments Prohibited***

WHEREAS, the Village of Algonquin, McHenry and Kane counties, Illinois, is a home rule municipality as contemplated under Article VII, Section 6, of the Constitution of the State of Illinois, and the passage of this Ordinance constitutes an exercise of the Village's home rule powers and functions as granted in the Constitution of the State of Illinois; and

WHEREAS, the Village has the authority to adopt ordinances and to promulgate rules and regulations that pertain to its government and affairs and that protect the public health, safety and welfare of its citizens; and

WHEREAS, the State of Illinois enacted the Cannabis Regulation and Tax Act, which pertains to the possession, use, cultivation, transportation and dispensing of adult-use cannabis, which became effective June 25, 2019; and

WHEREAS, the Cannabis Regulation and Tax Act made the possession of adult-use cannabis legal; and

WHEREAS, pursuant to the Cannabis Regulation and Tax Act, the Village may enact reasonable ordinances not in conflict with the Cannabis Regulation and Tax Act; and

WHEREAS, the Village desires to prohibit the use of cannabis in public.

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Algonquin, McHenry and Kane Counties, Illinois, as follows:

SECTION 1: The facts and statements contained in the preamble to this Ordinance are found to be true and correct and are hereby adopted as part of this Ordinance.

SECTION 2: Chapter 43, Offenses Against Public Peace, Safety and Morals, of the Algonquin Municipal Code is hereby amended by the addition of Section 43.35, Cannabis, that will read as follows:

### **43.35 CANNABIS**

#### **A. Possession:**

1. It shall be unlawful for anyone under 21 years of age to knowingly possess any amount of cannabis, as defined in the Cannabis Control Act, 720 ILCS 550/1, *et seq.*, as amended.



2. It shall be unlawful for anyone 21 years of age or older and a resident of the State of Illinois to knowingly possess more than:

- a. 30 grams of cannabis flower;
- b. 500 milligrams of THC contained in a cannabis-infused product; and
- c. 5 grams of cannabis concentrate.

The possession limits above are to be considered cumulative.

3. It shall be unlawful for anyone 21 years of age or older and not a resident of the State of Illinois to knowingly possess more than:

- a. 15 grams of cannabis flower;
- b. 250 milligrams of THC contained in a cannabis-infused product; and
- c. 2.5 grams of cannabis concentrate.

The possession limits above are to be considered cumulative.

B. Exemptions: The prohibitions in Section 43.35-A shall not apply when otherwise allowed under the Compassionate Use of Medical Cannabis Program Act, 410 ILCS 130/1, *et seq.*, or the Cannabis Regulation and Tax Act, 410 ILCS 705/1-1, *et seq.*

C. Use: It shall be unlawful for any person to use cannabis in or about any public place or places. As used in this Section, “public place” means any place where a person could reasonably be expected to be observed by others. “Public place” shall include all parts of buildings owned in whole or part, or leased, by the Village.

D. Penalty: Whoever violates any provision of this Section shall be fined pursuant to Appendix B of this Code for each offense and be responsible for the Village’s cost of prosecution, including attorneys’ fees incurred by the Village. Each day that a violation continues shall be considered a separate offense. Each day any violation or any provision of this Section shall continue shall constitute a separate violation.

SECTION 3: Chapter 43, Offenses Against Public Peace, Safety and Morals, existing Section 43.35, Synthetic Alternative Drugs, shall be renumbered as Section 43.36.

SECTION 4: Chapter 43, Offenses Against Public Peace, Safety and Morals, existing Section 43.36, Drug Paraphernalia, shall be renumbered as Section 43.37 and Paragraph C of newly renumbered Section 43.37 is hereby amended by adding the underlined language as follows:

C. The prohibition contained in this Section shall not apply to manufacturers, wholesalers, jobbers, licensed medical technicians, technologists, nurses, hospitals, research teaching institutions, clinical laboratories, medical doctors, osteopathic physicians, dentists, chiropractors and podiatrists, veterinarians, pharmacists or embalmers in the normal lawful course of their respective businesses or professions, nor to common carriers or warehouses or their employees engaged in the lawful transportation of such paraphernalia, nor to public officers or employees while engaged in the performance of their official duties, nor to persons suffering from diabetes, asthma or any other medical condition requiring self injection. The prohibition contained in this Section shall not apply to drug paraphernalia authorized by the Compassionate Use of Medical Cannabis Program Act, 410 ILCS 130/1, *et seq.*, or the Cannabis Regulation and Tax Act, 410 ILCS 705/1-1, *et seq.*

SECTION 5: Chapter 43, Offenses Against Public Peace, Safety and Morals, existing Section 43.37, Truancy, shall be renumbered as Section 43.38.

SECTION 6: Chapter 43, Offenses Against Public Peace, Safety and Morals, existing Section 43.38, Video Gaming Terminals, shall be renumbered as Section 43.39.

SECTION 7: Chapter 43, Offenses Against Public Peace, Safety and Morals, of the Algonquin Municipal Code is hereby amended by the addition of Section 43.40, Adult-Use Cannabis Business Establishments Prohibited, that will read as follows:

#### **43.40 ADULT-USE CANNABIS BUSINESS ESTABLISHMENTS PROHIBITED**

A. Definitions: The following words and phrases shall, for the purposes of this Chapter, have the meanings respectively ascribed to them by this section, as follows:

1. Adult-Use Cannabis Business Establishment: A cultivation center, craft grower, processing organization, infuser organization, dispensing organization or transporting organization.

2. Adult-Use Cannabis Craft Grower: A facility operated by an organization or business that is licensed by the Illinois Department of Agriculture to cultivate, dry, cure and package cannabis and perform other necessary activities to make cannabis available for sale at a dispensing organization or use at a processing organization, per the Cannabis Regulation and Tax Act, 410 ILCS 705/1-1, *et seq.*, as it may be amended from time-to-time, and regulations promulgated thereunder.

3. Adult-Use Cannabis Cultivation Center: A facility operated by an organization or business that is licensed by the Illinois Department of Agriculture to cultivate, process, transport and perform necessary activities to provide cannabis and cannabis-infused products to licensed cannabis business establishments, per the Cannabis Regulation and Tax Act, 410

ILCS 705/1-1, *et seq.*, as it may be amended from time-to-time, and regulations promulgated thereunder.

4. **Adult-Use Cannabis Dispensing Organization:** A facility operated by an organization or business that is licensed by the Illinois Department of Financial and Professional Regulation to acquire cannabis from licensed cannabis business establishments for the purpose of selling or dispensing cannabis, cannabis-infused products, cannabis seeds, paraphernalia or related supplies to purchasers or to qualified registered medical cannabis patients and caregivers, per the Cannabis Regulation and Tax Act, 410 ILCS 705/1-1, *et seq.*, as it may be amended from time-to-time, and regulations promulgated thereunder.

5. **Adult-Use Cannabis Infuser Organization or Infuser:** A facility operated by an organization or business that is licensed by the Illinois Department of Agriculture to directly incorporate cannabis or cannabis concentrate into a product formulation to produce a cannabis-infused product, per the Cannabis Regulation and Tax Act, 410 ILCS 705/1-1, *et seq.*, as it may be amended from time-to-time, and regulations promulgated thereunder.

6. **Adult-Use Cannabis Processing Organization or Processor:** A facility operated by an organization or business that is licensed by the Illinois Department of Agriculture to either extract constituent chemicals or compounds to produce cannabis concentrate or incorporate cannabis or cannabis concentrate into a product formulation to produce a cannabis product, per the Cannabis Regulation and Tax Act, 410 ILCS 705/1-1, *et seq.*, as it may be amended from time-to-time, and regulations promulgated thereunder.

7. **Adult-Use Cannabis Transporting Organization or Transporter:** An organization or business that is licensed by the Illinois Department of Agriculture to transport cannabis on behalf of a cannabis business establishment or a community college licensed under the Community College Cannabis Vocational Training Pilot Program, per the Cannabis Regulation and Tax Act, 410 ILCS 705/1-1, *et seq.*, as it may be amended from time-to-time, and regulations promulgated thereunder.

8. **Person:** Any person, firm, corporation, association, club, society or other organization, including any owner, manager, proprietor, employee, volunteer or agent.

B. **Adult-Use Cannabis Business Establishments Prohibited:** The following Adult-Use Cannabis Business Establishments are prohibited in the Village. No person shall locate, operate, own, suffer, allow to be operated or aide, abet or assist in the operation within the Village of any of the following:

1. Adult-Use Cannabis Craft Grower
2. Adult-Use Cannabis Cultivation Center
3. Adult-Use Cannabis Dispensing Organization
4. Adult-Use Cannabis Infuser Organization or Infuser
5. Adult-Use Cannabis Processing Organization or Processor
6. Adult-Use Cannabis Transporting Organization or Transporter

C. Public Nuisance Declared: Operation of any prohibited Adult-Use Cannabis Business Establishment within the Village in violation of the provisions of this Chapter is hereby declared a public nuisance and shall be abated pursuant to all available remedies.

D. Penalty: Whoever violates any provision of this Section shall be fined pursuant to Appendix B of this Code for each offense and be responsible for the Village's cost of prosecution, including attorneys' fees incurred by the Village. Each day that a violation continues shall be considered a separate offense. Each day any violation or any provision of this Section shall continue shall constitute a separate violation.

SECTION 8: Appendix B, Penalty, Salary, Bonds and Fees, of the Algonquin Municipal Code shall be amended to add the following entries:

43.35-A	Cannabis, Possession	
	First offense	\$100
	Second offense in a 12-month period	\$200
	Third and any subsequent offense in a 12-month period	\$300
43.35-C	Cannabis, Use	
	First offense	\$100
	Second offense in a 12-month period	\$200
	Third and any subsequent offense in a 12-month period	\$300
43.40	Adult-Use Cannabis Business Establishments Prohibited	\$1,000 minimum

SECTION 9: If any section, paragraph, subdivision, clause, sentence or provision of this Ordinance shall be adjudged by any Court of competent jurisdiction to be invalid, such judgment shall not affect, impair, invalidate or nullify the remainder thereof, which remainder shall remain and continue in full force and effect.

SECTION 10: All ordinances or parts of ordinances in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 11: This Ordinance shall be in full force and effect from and after its passage and approval and publication as required by law.



Aye:

Nay:

Absent:

Abstain:

APPROVED:

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Village President John C. Schmitt

(SEAL)

ATTEST: \_\_\_\_\_  
Village Clerk Gerald S. Kautz

Passed: \_\_\_\_\_

Approved: \_\_\_\_\_

Published: \_\_\_\_\_

Prepared by:

Kelly Cahill, Village Attorney

Zukowski, Rogers, Flood & McArdle

50 Virginia Street

Crystal Lake, Illinois 60014

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**VILLAGE OF ALGONQUIN**  
*PUBLIC WORKS DEPARTMENT*  
**– M E M O R A N D U M –**

DATE: October 31, 2019

TO: Tim Schloneger, Village Manager  
Committee of the Whole

FROM: Robert Mitchard, Public Works Director

SUBJECT: Terrace Hill Roadway Rehabilitation

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Tim, attached you will find a recommendation letter and the bid tabulation for the Terrace Hill project, as put together by Christopher B. Burke Engineering. Bids were opened for the Base Bid and Alternate #1 for the project on October 22, 2019. We had five qualified bidders on the project submitting fairly competitive and consistent bids.

Alternate #1 broke out the section of Fairway View Drive that extends from the last house on the west side of Fairway View Drive to Algonquin Road, as we anticipate that section of road will be disturbed by future storm water culvert work and proposed residential development on the existing golf course. The Base Bid includes the rest of the entire Terrace Hill Subdivision, including utility and bridge work, and select sections of bike path.

Because of the uncertainty of future development in the area, it is our recommendation, at this time, to only award the Base Bid and reject Alternate #1, anticipating the deferment of that improvement to the future developer.

Plote Construction, Elgin, IL was the low bidder on the project with a Base Bid of \$5,529,917.00, and an Alternate #1 Bid of \$5,695,035.15. The Village of Algonquin has earmarked \$2.5 million dollars to the Terrace Hill project in the current FY19/20 Budget in Street Improvement and intend to budget the remainder in FY20/21. The engineer's estimate for the project was \$6,287,052.20, so our low bid is well within the estimate and our proposed budgets. The Water and Sewer Improvement Fund will pay for the sanitary sewer work on the project via funds that will be provided in next FY20/21 proposed budgets.

Therefore, we recommend that the Committee of the Whole take the action necessary to authorize the Board of Trustees to enter into an agreement with Plote Construction of Elgin, IL, for the Base Bid only, in the amount of \$5,529,917.00, and reject the Alternate #1.

Plote has worked successfully for the Village before and is currently working on the Longmeadow Drive project and the Randall Road widening project. We are fortunate to have them on the project and I anticipate a successful improvement.

**CHRISTOPHER B. BURKE ENGINEERING, LTD.**

9575 West Higgins Road Suite 600 Rosemont, Illinois 60018 TEL (847) 823-0500 FAX (847) 823-0520

October 23, 2019

Village of Algonquin  
2200 Harnish Drive  
Algonquin, IL 60102

Attention: Robert Mitchard

Subject: Village of Algonquin  
Terrace Hill Roadway Rehabilitation  
(CBBEL Project No. 07-0273.00088)

Dear Mr. Mitchard:

On October 22, 2019, bids were received and opened for the aforementioned project. Five (5) bids were received and have been summarized below.

COMPANY	BASE BID AS READ	BASE BID AS CORRECTED	ALTERNATE BID AS READ	ALTERNATE BID AS CORRECTED
Engineer's Estimate	\$6,287,052.20	-	\$6,497,126.60	-
<b>PLOTE CONSTRUCTION, INC.</b>	\$5,529,917.00	-	\$5,695,035.15	-
ALAMP CONCRETE CONTRACTORS, INC.	\$5,788,192.50	-	\$5,944,839.85	-
COPENHAVER CONSTRUCTION, INC.	\$5,798,804.90	\$5,811,054.90	\$5,978,073.50	-
MARTAM CONSTRUCTION, INC.	\$5,985,589.50	\$5,985,389.50	\$6,153,468.25	\$6,151,732.25
ORANGE CRUSH, LLC	\$6,587,324.05	-	\$6,744,048.75	-

Plote Construction, Inc. is the low bidder for the base and alternate bids of \$5,529,917.00 and \$5,695,035.15 respectively. The alternate bid consists of the work along the north section of Fairview Drive. In addition to the base bid, Plote Construction, Inc. worked with the Village in the past and did more than a satisfactory job. CBBEL believes their bid to be in order. Therefore, our office recommends accepting Plote Construction, Inc.'s bid. Attached please find a copy of the bid tabulation for your review and files.

If you have any further questions, please do not hesitate to contact me at (847) 823-0500.  
Sincerely,



Lee. M. Fell, PE  
Assistant Department Head – Civil Engineering Design

cc: John Heinz – Village of Algonquin (w/ enclosed)  
Victor Ramirez – Village of Algonquin (w/ enclosed)

Christopher B. Burke Engineering  
9575 W. Higgins Road Suite 600  
Rosemont, IL 60018

VILLAGE OF ALGONQUIN  
CBBL PROJECT #: 07-0273.00088  
VILLAGE PROJECT #: 15-04-16A  
TERRACE HILL ROADWAY REHABILITATION

ENGINEER'S OPINION OF PROBABLE COST - BASE BID  
DATE: October 23, 2019

Calculated By: JEH  
Checked By: LMF

BASE BID:

BASE BID:				ENGINEER'S ESTIMATE		PLOTE CONSTRUCTION, INC.		ALAMP CONCRETE CONTRACTORS, INC.		COPENHAVER CONSTRUCTION, INC.		MARTAM CONSTRUCTION, INC.		ORANGE CRUSH, LLC	
PAY ITEM NUMBER	PAY ITEM NAME	UNIT OF MEASURE	UNIT PRICE	TOTAL QUANTITY	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	\$37.00	571	\$21,127.00	12	\$ 6,852.00	20	\$ 11,420.00	21	\$ 11,991.00	14	\$ 7,994.00	13.2	\$ 7,537.20
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	\$40.00	370	\$14,800.00	16	\$ 5,920.00	31	\$ 11,470.00	31	\$ 11,470.00	19	\$ 7,030.00	18	\$ 6,660.00
20101000	TEMPORARY FENCE	FOOT	\$9.00	300	\$2,700.00	4.5	\$ 1,350.00	1	\$ 300.00	3	\$ 900.00	5.2	\$ 1,560.00	2.2	\$ 660.00
20101100	TREE TRUNK PROTECTION	EACH	\$130.00	200	\$26,000.00	20	\$ 4,000.00	50	\$ 10,000.00	70	\$ 14,000.00	100	\$ 20,000.00	94	\$ 18,800.00
20101200	TREE ROOT PRUNING	EACH	\$175.00	200	\$35,000.00	125	\$ 25,000.00	50	\$ 10,000.00	30	\$ 6,000.00	155	\$ 31,000.00	140	\$ 28,000.00
20200100	EARTH EXCAVATION	CU YD	\$35.00	2993	\$104,755.00	15	\$ 44,895.00	33.75	\$ 101,013.75	25	\$ 74,825.00	34	\$ 101,762.00	35	\$ 104,755.00
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	\$40.00	865	\$34,600.00	70	\$ 60,550.00	15	\$ 12,975.00	25	\$ 21,625.00	34	\$ 29,410.00	26	\$ 22,490.00
20300100	CHANNEL EXCAVATION	CU YD	\$25.00	2216	\$55,400.00	35	\$ 77,560.00	65	\$ 144,040.00	38	\$ 84,208.00	68	\$ 150,688.00	108	\$ 239,328.00
20400800	FURNISHED EXCAVATION	CU YD	\$40.00	2107	\$84,280.00	25	\$ 52,675.00	35	\$ 73,745.00	10	\$ 21,070.00	17	\$ 35,819.00	32	\$ 67,424.00
20700220	POROUS GRANULAR EMBANKMENT	CU YD	\$40.00	395	\$15,800.00	55	\$ 5,925.00	15	\$ 5,925.00	37	\$ 14,615.00	44	\$ 17,380.00	53.75	\$ 21,231.25
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	\$35.00	1142	\$39,970.00	40	\$ 45,680.00	10	\$ 11,420.00	14	\$ 15,988.00	21	\$ 23,982.00	24.35	\$ 27,807.70
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	\$6.00	12594	\$75,564.00	8.35	\$ 105,159.90	3	\$ 37,782.00	4	\$ 50,376.00	5	\$ 62,970.00	6.6	\$ 83,120.40
25100630	EROSION CONTROL BLANKET	SQ YD	\$2.00	11568	\$23,136.00	2.75	\$ 31,812.00	3.15	\$ 36,439.20	2	\$ 23,136.00	2.85	\$ 32,968.80	3.15	\$ 36,439.20
28000400	PERIMETER EROSION BARRIER	FOOT	\$4.00	20363	\$81,452.00	3	\$ 61,089.00	1	\$ 20,363.00	2	\$ 40,726.00	3	\$ 61,089.00	2.2	\$ 44,798.60
28000510	INLET FILTERS	EACH	\$170.00	113	\$19,210.00	150	\$ 16,950.00	15	\$ 1,695.00	40	\$ 4,520.00	165	\$ 18,645.00	165	\$ 18,645.00
28100111	STONE RIPRAP, CLASS A6	SQ YD	\$100.00	315	\$31,500.00	165	\$ 51,975.00	80	\$ 25,200.00	100	\$ 31,500.00	122	\$ 38,430.00	225	\$ 70,875.00
28100201	STONE RIPRAP, CLASS A1	TON	\$50.00	50	\$2,500.00	125	\$ 6,250.00	110	\$ 5,500.00	70	\$ 3,500.00	55	\$ 2,750.00	30	\$ 1,500.00
28100207	STONE RIPRAP, CLASS A4	TON	\$65.00	125	\$8,125.00	125	\$ 15,625.00	165	\$ 20,625.00	112	\$ 14,000.00	89	\$ 11,125.00	145	\$ 18,125.00
28100209	STONE RIPRAP, CLASS A5	TON	\$65.00	37	\$2,405.00	110	\$ 4,070.00	275	\$ 10,175.00	181	\$ 6,697.00	410	\$ 15,170.00	762	\$ 28,194.00
28200200	FILTER FABRIC	SQ YD	\$5.00	13	\$65.00	35	\$ 455.00	12.25	\$ 159.25	15	\$ 195.00	14	\$ 182.00	12	\$ 156.00
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	\$25.00	3856	\$96,400.00	16	\$ 61,696.00	14.5	\$ 55,912.00	15	\$ 57,840.00	14	\$ 53,984.00	15.5	\$ 59,768.00
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	\$100.00	5390	\$539,000.00	72	\$ 388,080.00	75.5	\$ 406,945.00	79	\$ 425,810.00	79	\$ 425,810.00	70	\$ 377,300.00
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	\$125.00	4791	\$598,875.00	79	\$ 378,489.00	82.5	\$ 395,257.50	86	\$ 412,026.00	93	\$ 445,563.00	75	\$ 359,325.00
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	\$70.00	211	\$14,770.00	80	\$ 16,880.00	80	\$ 16,880.00	72	\$ 15,192.00	71	\$ 14,981.00	80	\$ 16,880.00
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	\$15.00	2403	\$36,045.00	8	\$ 19,224.00	5.5	\$ 13,216.50	7	\$ 16,821.00	6	\$ 14,418.00	5.15	\$ 12,375.45
42400800	DETECTABLE WARNINGS	SQ FT	\$320.00	215	\$68,800.00	30	\$ 6,450.00	35	\$ 7,525.00	30	\$ 6,450.00	31	\$ 6,665.00	38	\$ 8,170.00
44000100	PAVEMENT REMOVAL	SQ YD	\$22.00	1770	\$38,940.00	4.5	\$ 7,965.00	14	\$ 24,780.00	15	\$ 26,550.00	18	\$ 31,860.00	9.6	\$ 16,992.00
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	\$10.00	38920	\$389,200.00	4.55	\$ 177,086.00	4	\$ 155,680.00	4.4	\$ 171,248.00	3.95	\$ 153,734.00	3.5	\$ 136,220.00
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	\$20.00	212	\$4,240.00	19	\$ 4,028.00	12	\$ 2,544.00	14	\$ 2,968.00	18	\$ 3,816.00	12.5	\$ 2,650.00
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	\$10.00	13900	\$139,000.00	3.95	\$ 54,905.00	4.5	\$ 62,550.00	5	\$ 69,500.00	4.5	\$ 62,550.00	9	\$ 125,100.00
44000600	SIDEWALK REMOVAL	SQ FT	\$3.00	3708	\$11,124.00	1.95	\$ 7,230.60	1.5	\$ 5,562.00	2	\$ 7,416.00	1	\$ 3,708.00	2.15	\$ 7,972.20
50102400	CONCRETE REMOVAL	CU YD	\$5,000.00	1	\$5,000.00	7500	\$ 7,500.00	200	\$ 200.00	700	\$ 700.00	1520	\$ 1,520.00	2400	\$ 2,400.00
50105220	PIPE CULVERT REMOVAL	FOOT	\$20.00	274	\$5,480.00	36.75	\$ 10,069.50	1	\$ 274.00	15	\$ 4,110.00	126	\$ 34,524.00	105	\$ 28,770.00
50200100	STRUCTURE EXCAVATION	CU YD	\$50.00	475	\$23,750.00	90	\$ 42,750.00	55	\$ 26,125.00	58	\$ 27,550.00	44	\$ 20,900.00	150	\$ 71,250.00
50300225	CONCRETE STRUCTURES	CU YD	\$1,000.00	147	\$147,000.00	500	\$ 73,500.00	750	\$ 110,250.00	960	\$ 141,120.00	980	\$ 144,060.00	1300	\$ 191,100.00
50300285	FORM LINER TEXTURED SURFACE	SQ FT	\$20.00	865	\$17,300.00	15	\$ 12,975.00	15	\$ 12,975.00	47	\$ 40,655.00	32	\$ 27,680.00	32	\$ 27,680.00
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	\$2.00	25230	\$50,460.00	1.75	\$ 44,152.50	5	\$ 126,150.00	2	\$ 50,460.00	1.6	\$ 40,368.00	2.2	\$ 55,506.00
51200957	FURNISHING METAL SHELL PILES 12" X 0.250"	FOOT	\$50.00	2935	\$146,750.00	65	\$ 190,775.00	22.5	\$ 66,037.50	68	\$ 199,580.00	54	\$ 158,490.00	23	\$ 67,505.00
51202305	DRIVING PILES	FOOT	\$1.00	2935	\$2,935.00	1	\$ 2,935.00	17.25	\$ 50,628.75	1	\$ 2,935.00	1	\$ 2,935.00	17	\$ 49,895.00
51203200	TEST PILE METAL SHELLS	EACH	\$8,000.00	4	\$32,000.00	3000	\$ 12,000.00	3300	\$ 13,200.00	3500	\$ 14,000.00	8000	\$ 32,000.00	3300	\$ 13,200.00
51500100	NAME PLATES	EACH	\$500.00	1	\$500.00	450	\$ 1,500.00	1500	\$ 1,500.00	800	\$ 800.00	1200	\$ 1,200.00	1200	\$ 1,200.00
52200700	PRECAST MODULAR RETAINING WALL	SQ FT	\$50.00	88	\$4,400.00	77.5	\$ 6,820.00	50	\$ 4,400.00	58	\$ 5,104.00	76	\$ 6,688.00	27	\$ 2,376.00
54213655	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 10"	EACH	\$600.00	2	\$1,200.00	1480	\$ 2,960.00	2500	\$ 5,000.00	1000	\$ 2,000.00	1120	\$ 2,240.00	1625	\$ 3,250.00
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	\$620.00	5	\$3,100.00	1480	\$ 7,400.00	2500	\$ 12,500.00	1100	\$ 5,500.00	1120	\$ 5,600.00	1625	\$ 8,125.00
542A0215	PIPE CULVERTS, CLASS A, TYPE 1 10"	FOOT	\$75.00	25	\$1,875.00	49	\$ 1,225.00	80	\$ 2,000.00	70	\$ 1,750.00	66	\$ 1,650.00	53	\$ 1,325.00
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	\$65.00	10	\$650.00	101	\$ 1,010.00	85	\$ 850.00	80	\$ 800.00</				



X0100003	CLEARING AND GRUBBING	SQ YD	\$1.00	8809	\$8,809.00	1.8	\$	15,856.20	3.35	\$	29,510.15	3.4	\$	29,950.60	2.2	\$	19,379.80	2	\$	17,618.00
X0325714	FLASHING BEACON, POST MOUNTED, SOLAR POWERED INSTALLATION	EACH	\$5,000.00	2	\$10,000.00	14100	\$	28,200.00	14500	\$	29,000.00	15100	\$	30,200.00	15000	\$	30,000.00	10800	\$	21,600.00
X0327036	BIKE PATH REMOVAL	SQ YD	\$15.00	7231	\$108,465.00	12	\$	86,772.00	14	\$	101,234.00	7	\$	50,617.00	11	\$	79,541.00	6.2	\$	44,832.20
X2080250	TRENCH BACKFILL, SPECIAL	CU YD	\$45.00	761	\$34,245.00	47	\$	35,767.00	40	\$	30,440.00	10	\$	7,610.00	41	\$	31,201.00	51	\$	38,811.00
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	\$925.00	2	\$1,850.00	750	\$	1,500.00	250	\$	500.00	400	\$	800.00	360	\$	720.00	125	\$	250.00
X5420615	PIPE CULVERTS TO BE CLEANED 15"	FOOT	\$8.00	28	\$224.00	121	\$	3,388.00	135	\$	3,780.00	150	\$	4,200.00	18	\$	504.00	220	\$	6,160.00
X5610712	WATER MAIN REMOVAL, 12"	FOOT	\$15.00	70	\$1,050.00	21	\$	1,470.00	1	\$	70.00	10	\$	700.00	11	\$	770.00	23	\$	1,610.00
X6026054	SANITARY MANHOLES TO BE REMOVED	EACH	\$1,500.00	2	\$3,000.00	31870	\$	63,740.00	500	\$	1,000.00	600	\$	1,200.00	480	\$	960.00	35000	\$	70,000.00
X6061815	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)	FOOT	\$30.00	13720	\$411,600.00	28	\$	384,160.00	22	\$	301,840.00	26	\$	356,720.00	22	\$	301,840.00	33	\$	452,760.00
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	\$22.00	560	\$12,320.00	25	\$	14,000.00	10	\$	5,600.00	20	\$	11,200.00	28	\$	15,680.00	18	\$	10,080.00
Z0013798	CONSTRUCTION LAYOUT	LSUM	\$50,000.00	1	\$50,000.00	25000	\$	25,000.00	31000	\$	31,000.00	68000	\$	68,000.00	40000	\$	40,000.00	77000	\$	77,000.00
Z0018100	DRAINAGE STRUCTURE ADJUSTMENT (SPECIAL)	EACH	\$1,500.00	7	\$10,500.00	1050	\$	7,350.00	750	\$	5,250.00	800	\$	5,600.00	960	\$	6,720.00	1150	\$	8,050.00
Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	\$500.00	31	\$15,500.00	900	\$	27,900.00	400	\$	12,400.00	600	\$	18,600.00	430	\$	13,330.00	990	\$	30,690.00
Z0022800	FENCE REMOVAL	FOOT	\$12.00	206	\$2,472.00	7	\$	1,442.00	10	\$	2,060.00	5	\$	1,030.00	7	\$	1,442.00	11	\$	2,266.00
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	\$80.00	38	\$3,040.00	76	\$	2,888.00	110	\$	4,180.00	120	\$	4,560.00	96	\$	3,648.00	83	\$	3,154.00
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	\$100.00	30	\$3,000.00	86	\$	2,580.00	120	\$	3,600.00	129	\$	3,870.00	147	\$	4,410.00	95	\$	2,850.00
Z0057100	SANITARY SEWER 12"	FOOT	\$40.00	5	\$200.00	990	\$	4,950.00	500	\$	2,500.00	410	\$	2,050.00	332	\$	1,660.00	1085	\$	5,425.00
Z0067700	STEEL CASINGS 20"	FOOT	\$300.00	54	\$16,200.00	455	\$	24,570.00	125	\$	6,750.00	210	\$	11,340.00	144	\$	7,776.00	500	\$	27,000.00
Z0077700	WOOD FENCE TO BE REMOVED AND RE-ERECTED	FOOT	\$38.00	526	\$19,988.00	22	\$	11,572.00	23.25	\$	12,229.50	20	\$	10,520.00	26	\$	13,676.00	27.45	\$	14,438.70
N/A	1050Z1 LID	EACH	\$600.00	1	\$600.00	270	\$	270.00	400	\$	400.00	900	\$	900.00	480	\$	480.00	300	\$	300.00
N/A	BOARDWALK STRUCTURE	SQ FT	\$50.00	97	\$4,850.00	225	\$	21,825.00	150	\$	14,550.00	200	\$	19,400.00	86	\$	8,342.00	160	\$	15,520.00
N/A	CATCH BASINS, TYPE A, 7010 W/ TYPE M4 VANE GRATE	EACH	\$4,200.00	5	\$21,000.00	2810	\$	14,050.00	3800	\$	19,000.00	2900	\$	14,500.00	3680	\$	18,400.00	3085	\$	15,425.00
N/A	CATCH BASINS, TYPE A, TYPE 7065 FRAME AND GRATE	EACH	\$4,000.00	1	\$4,000.00	2980	\$	2,990.00	3700	\$	3,700.00	2900	\$	2,900.00	3880	\$	3,880.00	3280	\$	3,280.00
N/A	CATCH BASINS, TYPE A, TYPE 7525 FRAME AND GRATE	EACH	\$4,000.00	17	\$68,000.00	2770	\$	47,090.00	3800	\$	64,600.00	2900	\$	49,300.00	3880	\$	65,960.00	3040	\$	51,680.00
N/A	CATCH BASINS, TYPE A, TYPE 8 GRATE	EACH	\$3,500.00	1	\$3,500.00	2320	\$	2,320.00	3500	\$	3,500.00	2900	\$	2,900.00	3680	\$	3,680.00	2540	\$	2,540.00
N/A	CATCH BASINS, TYPE C, 7010 W/ TYPE M4 VANE GRATE	EACH	\$2,500.00	3	\$7,500.00	2040	\$	6,120.00	2000	\$	6,000.00	2900	\$	8,700.00	2210	\$	6,630.00	2240	\$	6,720.00
N/A	CATCH BASINS, TYPE C, TYPE 7525 FRAME AND GRATE	EACH	\$2,500.00	11	\$27,500.00	2000	\$	22,000.00	2000	\$	22,000.00	2900	\$	31,900.00	2280	\$	25,080.00	2195	\$	24,145.00
N/A	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	\$2,100.00	11	\$23,100.00	1700	\$	18,700.00	1800	\$	19,800.00	2900	\$	31,900.00	2280	\$	25,080.00	1865	\$	20,515.00
N/A	CEMENT	TON	\$50.00	1430	\$71,500.00	144	\$	205,920.00	160	\$	228,800.00	161	\$	230,230.00	155	\$	221,650.00	145	\$	207,350.00
N/A	CHIMNEY REHABILITATION	EACH	\$400.00	20	\$8,000.00	900	\$	18,000.00	650	\$	13,000.00	600	\$	12,000.00	1260	\$	25,200.00	990	\$	19,800.00
N/A	CLASS D PATCH, 6 INCH, SPECIAL	SQ YD	\$75.00	62	\$4,650.00	90	\$	5,580.00	60	\$	3,720.00	75	\$	4,650.00	195	\$	12,090.00	60	\$	3,720.00
N/A	CONSTRUCT NEW MULTI-USE PATH	SQ YD	\$45.00	9214	\$414,630.00	28	\$	257,992.00	27	\$	248,778.00	35	\$	322,490.00	44	\$	405,416.00	34.5	\$	317,883.00
N/A	CURB STOP VALVE BOX TO BE ADJUSTED	EACH	\$250.00	1	\$250.00	280	\$	280.00	350	\$	350.00	800	\$	800.00	185	\$	185.00	300	\$	300.00
N/A	DRAIN TILE, 10"	FOOT	\$40.00	236	\$9,440.00	58	\$	13,688.00	90	\$	21,240.00	43	\$	10,148.00	48	\$	11,328.00	63	\$	14,868.00
N/A	DRAIN TILE, 6"	FOOT	\$28.00	446	\$12,488.00	65	\$	28,990.00	70	\$	31,220.00	19	\$	8,474.00	31	\$	13,826.00	71	\$	31,666.00
N/A	DRAINAGE STRUCTURE TO BE ADJUSTED W/ NEW 7525 FRAME AND GRATE	EACH	\$2,000.00	1	\$2,000.00	1240	\$	1,240.00	650	\$	650.00	1000	\$	1,000.00	860	\$	860.00	1360	\$	1,360.00
N/A	DRAINAGE STRUCTURE TO BE ADJUSTED W/ NEW TYPE 8 GRATE	EACH	\$2,500.00	1	\$2,500.00	940	\$	940.00	600	\$	600.00	1200	\$	1,200.00	740	\$	740.00	1030	\$	1,030.00
N/A	DRAINAGE STRUCTURE TO BE REHABILITATED	EACH	\$2,500.00	1	\$2,500.00	1140	\$	1,140.00	1500	\$	1,500.00	1200	\$	1,200.00	2500	\$	2,500.00	1250	\$	1,250.00
N/A	DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	\$50.00	3160	\$158,000.00	65	\$	205,400.00	75	\$	237,000.00	55	\$	173,800.00	71	\$	224,360.00	93	\$	293,880.00
N/A	EXPLORATION TRENCH 60" DEPTH	FOOT	\$30.00	500	\$15,000.00	14	\$	7,000.00	5	\$	2,500.00	10	\$	5,000.00	38	\$	19,000.00	15	\$	7,500.00
N/A	IN-LINE CHECK VALVE	EACH	\$250.00	1	\$250.00	3160	\$	3,160.00	3500	\$	3,500.00	3600	\$	3,600.00	3960	\$	3,960.00	3470	\$	3,470.00
N/A	INSTALL NEW CURB STOP CAP ON EXISTING BOX	EACH	\$100.00	2	\$200.00	136	\$	272.00	750	\$	1,500.00	500	\$	1,000.00	85	\$	170.00	150	\$	300.00
N/A	INSTALL NON-SHEAR COUPLING	EACH	\$70.00	2	\$140.00	80	\$	160.00	200	\$	400.00	600	\$	1,200.00	165	\$	330.00	88	\$	176.00
N/A	MANAGEMENT OF PLANTINGS (ALL ZONES, 3 YEARS)	ACRE	\$4,000.00	2.4	\$9,600.00	5493	\$	13,183.20	14500	\$	34,800.00	8000	\$	19,200.00	18200	\$	43,680.00	18110	\$	43,464.00
N/A	MANHOLES, TYPE A, 4'-DIAMETER, 1050Z1	EACH	\$5,000.00	13	\$65,000.00	2890	\$	37,570.00	3950	\$	51,350.00	3000	\$	39,000.00	3720	\$	48,360.00	3175	\$	41,275.00
N/A	MANHOLES, TYPE A, 5'-DIAMETER, 1050Z1	EACH	\$6,500.00	1	\$6,500.00	3180	\$	3,180.00	4450	\$	4,450.00	3700	\$	3,700.00	4480	\$	4,480.00	3490	\$	3,490.00
N/A	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	\$8,000.00	1	\$8,000.00	4910	\$	4,910.00	6200	\$	6,200.00	5500	\$	5,500.00	7260	\$	7,260.00	5390	\$	5,390.00
N/A	MESIC PRAIRIE SEEDING	ACRE	\$3,000.00	1.6	\$4,800.00	3125	\$	5,000.00	3135	\$	5,016.00	7000	\$	11,200.00	5500	\$	8,800.00	5545	\$	8,872.00
N/A	PVC CLEANOUT RISERS	EACH	\$50.00	17	\$850.00	430	\$	7,310.00	500	\$	8,500.00	710	\$	12,070.00	465	\$	7,905.00	470	\$	7,990.00
N/A	PVC STORM SEWERS 6"	FOOT	\$25.00	368	\$9,200.00	51	\$	18,768.00	50	\$	18,400.00	44	\$	16,192.00	38	\$	13,984.00	56	\$	20,608.00
N/A	RAILING	FOOT	\$200.00	57	\$11,400.00	560	\$	31,920.00	615	\$	35,055.00	600	\$	34,200.00	577	\$	32,889.00	610	\$	34,770.00
N/A	RECONSTRUCT BITUMINOIS DRIVEWAY APRON	SQ YD	\$75.00	78	\$5,850.00	60	\$	4,680.00	50	\$	3,900.00	50	\$	3,900.00	82	\$	6,396.00	95	\$	7,410.00
N/A	REMOVE AND REPLACE CURB STOP VALVE AND BOX	EACH	\$600.00	7	\$4,200.00	1640	\$	11,480.00	1500	\$	10,500.00	1000	\$	7,000.00	880	\$	6,160.00	1800	\$	12,600.00
N/A	REMOVE AND REPLACE CURB STOP VALVE RISER ROD AND BOX	EACH	\$350.00	25	\$8,750.00	680	\$	17,000.00	1200	\$	30,000.00	850	\$	21,250.00	880	\$	22,000.00	750	\$	18,750.00
N/A	SALVAGE EXISTING STONES FOR REUSE	TON	\$80.00	75	\$6,000.00	100	\$	7,500.00	55	\$	4,125.00	20	\$	1,500.00	48	\$	3,600.00	110	\$	8,250.00
N/A	SANITARY MANHOLES, TYPE A, 4'-DIAMETER, 1050Z1	EACH	\$5,500.00	1	\$5,500.00	16830	\$	16,830.00	5000	\$	5,000.00	4500	\$	4,500.00	9760	\$	9,760.00	18475	\$	18,475.00
N/A	SANITARY SEWER POINT REPAIR 12" (10'-15')	FOOT	\$120.00	10	\$1,200.00	940	\$	9,400.00	800	\$	8,000.00	110	\$	1,100.00	567	\$	5,670.00	1030	\$	10,300.00
N/A	SANITARY SEWER POINT REPAIR 12" (15'-20')	FOOT	\$150.00	388	\$58,200.00	203	\$	78,764.00	225	\$	87,300.00	50	\$	19,400.00	256	\$	99,328.00	222	\$	86,136.00
N/A	SANITARY SEWER POINT REPAIR 8" (0'-10')	FOOT	\$60.00	100	\$6,000.00	135	\$	13,500.00	125	\$	12,500.00	80	\$	8,000.00	88	\$	8,800.00	150	\$	15,000.00
N/A	SANITARY SEWER POINT REPAIR 8" (10'-15')	FOOT	\$90.00	10	\$900.00	890	\$	8,900.00	700	\$	7,000.00	150	\$	1,500.00	622	\$	6,220.00	980	\$	9,800.00
N/A	SANITARY STRUCTURE LINING	FOOT	\$150.00	40	\$6,000.00	675	\$	27,000.00	745	\$	29,800.00	700	\$	28,000.00	725	\$	29,000.00	1610	\$	64,400.00
N/A	SANITARY STRUCTURE TO BE ADJUSTED	EACH	\$900.00	1	\$900.00	900	\$	900.00	850	\$	850.00	900	\$	900.00	1260	\$	1,260.00	990	\$	

Christopher B. Burke Engineering  
9575 W. Higgins Road Suite 600  
Rosemont, IL 60018

VILLAGE OF ALGONQUIN  
CBBEL PROJECT #: 07-0273.00088  
VILLAGE PROJECT #: 15-04-16A  
TERRACE HILL ROADWAY REHABILITATION

ENGINEER'S OPINION OF PROBABLE COST - ALTERNATE BID  
DATE: October 23, 2019

Calculated By: JEH  
Checked By: LMF

ALTERNATE BID:				ENGINEER'S ESTIMATE		PLOTE CONSTRUCTION, INC.		ALAMP CONCRETE CONTRACTORS, INC.		COPENHAVER CONSTRUCTION, INC.		MARTAM CONSTRUCTION, INC.		ORANGE CRUSH, LLC		
PAY ITEM NUMBER		PAY ITEM NAME	UNIT OF MEASURE	UNIT PRICE	TOTAL QUANTITY	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)		UNIT	\$37.00	571	\$21,127.00	12	\$ 6,852.00	20	\$ 11,420.00	21	\$ 11,991.00	14	\$ 7,994.00	13.2	\$ 7,537.20
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)		UNIT	\$40.00	370	\$14,800.00	16	\$ 5,920.00	31	\$ 11,470.00	31	\$ 11,470.00	19	\$ 7,030.00	18	\$ 6,660.00
20101000	TEMPORARY FENCE		FOOT	\$9.00	300	\$2,700.00	4.5	\$ 1,350.00	1	\$ 300.00	2	\$ 600.00	5.2	\$ 1,560.00	2.2	\$ 660.00
20101100	TREE TRUNK PROTECTION		EACH	\$130.00	200	\$26,000.00	20	\$ 4,000.00	50	\$ 10,000.00	70	\$ 14,000.00	100	\$ 20,000.00	94	\$ 18,800.00
20101200	TREE ROOT PRUNING		EACH	\$175.00	200	\$35,000.00	125	\$ 25,000.00	50	\$ 10,000.00	30	\$ 6,000.00	155	\$ 31,000.00	140	\$ 28,000.00
20200100	EARTH EXCAVATION		CU YD	\$35.00	2993	\$104,755.00	15	\$ 44,895.00	33.75	\$ 101,013.75	25	\$ 74,825.00	34	\$ 101,762.00	35	\$ 104,755.00
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL		CU YD	\$40.00	865	\$34,600.00	70	\$ 60,550.00	15	\$ 12,975.00	25	\$ 21,625.00	34	\$ 29,410.00	26	\$ 22,490.00
20300100	CHANNEL EXCAVATION		CU YD	\$25.00	2216	\$55,400.00	35	\$ 77,560.00	65	\$ 144,040.00	38	\$ 84,208.00	68	\$ 150,688.00	108	\$ 239,328.00
20400800	FURNISHED EXCAVATION		CU YD	\$40.00	2107	\$84,280.00	25	\$ 52,675.00	35	\$ 73,745.00	10	\$ 21,070.00	17	\$ 35,819.00	32	\$ 67,424.00
20700220	POROUS GRANULAR EMBANKMENT		CU YD	\$40.00	395	\$15,800.00	55	\$ 21,725.00	15	\$ 5,925.00	37	\$ 14,615.00	44	\$ 17,380.00	53.75	\$ 21,231.25
21101505	TOPSOIL EXCAVATION AND PLACEMENT		CU YD	\$35.00	1142	\$39,970.00	40	\$ 45,680.00	10	\$ 11,420.00	14	\$ 15,988.00	21	\$ 23,982.00	24.35	\$ 27,807.70
21101625	TOPSOIL FURNISH AND PLACE, 6"		SQ YD	\$6.00	12612	\$75,672.00	8.35	\$ 105,310.20	3	\$ 37,836.00	4	\$ 50,448.00	5	\$ 63,060.00	6.6	\$ 83,239.20
25100630	EROSION CONTROL BLANKET		SQ YD	\$2.00	11586	\$23,172.00	2.75	\$ 31,861.50	3.15	\$ 36,495.90	2	\$ 23,172.00	2.85	\$ 33,020.10	3.15	\$ 36,495.90
28000400	PERIMETER EROSION BARRIER		FOOT	\$4.00	20403	\$81,612.00	3	\$ 61,209.00	1	\$ 20,403.00	2	\$ 40,806.00	3	\$ 61,209.00	2.2	\$ 44,886.60
28000510	INLET FILTERS		EACH	\$170.00	123	\$20,910.00	150	\$ 18,450.00	15	\$ 1,845.00	40	\$ 4,920.00	165	\$ 20,295.00	165	\$ 20,295.00
28100111	STONE RIPRAP, CLASS A6		SQ YD	\$100.00	315	\$31,500.00	165	\$ 51,975.00	80	\$ 25,200.00	100	\$ 31,500.00	122	\$ 38,430.00	225	\$ 70,875.00
28100201	STONE RIPRAP, CLASS A1		TON	\$50.00	50	\$2,500.00	125	\$ 6,250.00	110	\$ 5,500.00	70	\$ 3,500.00	55	\$ 2,750.00	30	\$ 1,500.00
28100207	STONE RIPRAP, CLASS A4		TON	\$65.00	125	\$8,125.00	125	\$ 15,625.00	165	\$ 20,625.00	112	\$ 14,000.00	89	\$ 11,125.00	145	\$ 18,125.00
28100209	STONE RIPRAP, CLASS A5		TON	\$65.00	37	\$2,405.00	110	\$ 4,070.00	275	\$ 10,175.00	181	\$ 6,697.00	410	\$ 15,170.00	762	\$ 28,194.00
28200200	FILTER FABRIC		SQ YD	\$5.00	13	\$65.00	35	\$ 455.00	12.25	\$ 159.25	15	\$ 195.00	14	\$ 182.00	12	\$ 156.00
35101100	AGGREGATE BASE COURSE, TYPE A 12"		SQ YD	\$25.00	3856	\$96,400.00	16	\$ 61,696.00	14.5	\$ 55,912.00	15	\$ 57,840.00	14	\$ 53,984.00	15.5	\$ 59,768.00
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50		TON	\$100.00	5856	\$585,600.00	72	\$ 421,632.00	75.5	\$ 442,128.00	79	\$ 462,624.00	79	\$ 462,624.00	70	\$ 409,920.00
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50		TON	\$125.00	5205	\$650,625.00	79	\$ 411,195.00	82.5	\$ 429,412.50	86	\$ 447,630.00	93	\$ 484,065.00	75	\$ 390,375.00
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH		SQ YD	\$70.00	211	\$14,770.00	80	\$ 16,880.00	80	\$ 16,880.00	72	\$ 15,192.00	71	\$ 14,981.00	80	\$ 16,880.00
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH		SQ FT	\$15.00	2403	\$36,045.00	8	\$ 19,224.00	5.5	\$ 13,216.50	7	\$ 16,821.00	6	\$ 14,418.00	5.15	\$ 12,375.45
42400800	DETECTABLE WARNINGS		SQ FT	\$320.00	238	\$76,160.00	30	\$ 7,140.00	35	\$ 8,330.00	30	\$ 7,140.00	31	\$ 7,378.00	38	\$ 9,044.00
44000100	PAVEMENT REMOVAL		SQ YD	\$22.00	1770	\$38,940.00	4.5	\$ 7,965.00	14	\$ 24,780.00	15	\$ 26,550.00	18	\$ 31,860.00	9.6	\$ 16,992.00
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"		SQ YD	\$10.00	42615	\$426,150.00	4.55	\$ 193,898.25	4	\$ 170,460.00	4.4	\$ 187,506.00	3.95	\$ 168,329.25	3.5	\$ 149,152.50
44000200	DRIVEWAY PAVEMENT REMOVAL		SQ YD	\$20.00	212	\$4,240.00	19	\$ 4,028.00	12	\$ 2,544.00	14	\$ 2,968.00	18	\$ 3,816.00	12.5	\$ 2,650.00
44000500	COMBINATION CURB AND GUTTER REMOVAL		FOOT	\$10.00	14140	\$141,400.00	3.95	\$ 55,853.00	4.5	\$ 63,630.00	5	\$ 70,700.00	4.5	\$ 63,630.00	9	\$ 127,260.00
44000600	SIDEWALK REMOVAL		SQ FT	\$3.00	3708	\$11,124.00	1.95	\$ 7,230.60	1.5	\$ 5,562.00	2	\$ 7,416.00	1	\$ 3,708.00	2.15	\$ 7,972.20
50102400	CONCRETE REMOVAL		CU YD	\$5,000.00	1	\$5,000.00	7500	\$ 7,500.00	200	\$ 200.00	700	\$ 700.00	1520	\$ 1,520.00	2400	\$ 2,400.00
50105220	PIPE CULVERT REMOVAL		FOOT	\$20.00	274	\$5,480.00	36.75	\$ 10,069.50	1	\$ 274.00	15	\$ 4,110.00	126	\$ 34,524.00	105	\$ 28,770.00
50200100	STRUCTURE EXCAVATION		CU YD	\$50.00	475	\$23,750.00	90	\$ 42,750.00	55	\$ 26,125.00	58	\$ 27,550.00	44	\$ 20,900.00	150	\$ 71,250.00
50300225	CONCRETE STRUCTURES		CU YD	\$1,000.00	147	\$147,000.00	500	\$ 73,500.00	750	\$ 110,250.00	960	\$ 141,120.00	980	\$ 144,060.00	1300	\$ 191,100.00
50300285	FORM LINER TEXTURED SURFACE		SQ FT	\$20.00	865	\$17,300.00	15	\$ 12,975.00	15	\$ 12,975.00	47	\$ 40,655.00	32	\$ 27,680.00	32	\$ 27,680.00
50800205	REINFORCEMENT BARS, EPOXY COATED		POUND	\$2.00	25230	\$50,460.00	1.75	\$ 44,152.50	5	\$ 126,150.00	2	\$ 50,460.00	1.6	\$ 40,368.00	2.2	\$ 55,506.00
51200957	FURNISHING METAL SHELL PILES 12" X 0.250"		FOOT	\$50.00	2935	\$146,750.00	65	\$ 190,775.00	22.5	\$ 66,037.50	68	\$ 199,580.00	54	\$ 158,490.00	23	\$ 67,505.00
51202305	DRIVING PILES		FOOT	\$1.00	2935	\$2,935.00	1	\$ 2,935.00	17.25	\$ 50,628.75	1	\$ 2,935.00	1	\$ 2,935.00	17	\$ 49,895.00
51203200	TEST PILE METAL SHELLS		EACH	\$8,000.00	4	\$32,000.00	3000	\$ 12,000.00	3300	\$ 13,200.00	3500	\$ 14,000.00	8000	\$ 32,000.00	3300	\$ 13,200.00
51500100	NAME PLATES		EACH	\$500.00	1	\$500.00	450	\$ 450.00	1500	\$ 1,500.00	800	\$ 800.00	1200	\$ 1,200.00	1200	\$ 1,200.00
52200700	PRECAST MODULAR RETAINING WALL		SQ FT	\$50.00	88	\$4,400.00	77.5	\$ 6,820.00	50	\$ 4,400.00	58	\$ 5,104.00	76	\$ 6,688.00	27	\$ 2,376.00
54213655	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 10"		EACH	\$600.00	2	\$1,200.00	1480	\$ 2,960.00	2500	\$ 5,000.00	1000	\$ 2,000.00	1120	\$ 2,240.00	1625	\$ 3,250.00
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"		EACH	\$620.00	5	\$3,100.00	1480	\$ 7,400.00	2500	\$ 12,500.00	1100	\$ 5,500.00	1120	\$ 5,600.00	1625	\$ 8,125.00
542A0215	PIPE CULVERTS, CLASS A, TYPE 1 10"		FOOT	\$75.00	25	\$1,875.00	49	\$ 1,225.00								

LR400899	FULL-DEPTH RECLAMATION, 10.0"	SQ YD	\$6.00	13378	\$80,268.00	3.9	\$	52,174.20	3.75	\$	50,167.50	4.7	\$	62,876.60	4.2	\$	56,187.60	5.6	\$	74,916.80
X0100003	CLEARING AND GRUBBING	SQ YD	\$1.00	8809	\$8,809.00	1.8	\$	15,856.20	3.35	\$	29,510.15	3.4	\$	29,950.60	2.2	\$	19,379.80	2	\$	17,618.00
X0325714	FLASHING BEACON, POST MOUNTED, SOLAR POWERED INSTALLATION	EACH	\$5,000.00	2	\$10,000.00	14100	\$	28,200.00	14500	\$	29,000.00	15100	\$	30,200.00	15000	\$	30,000.00	10800	\$	21,600.00
X0327036	BIKE PATH REMOVAL	SQ YD	\$15.00	7246	\$108,690.00	12	\$	86,952.00	14	\$	101,444.00	7	\$	50,722.00	11	\$	79,706.00	6.2	\$	44,925.20
X2080250	TRENCH BACKFILL, SPECIAL	CU YD	\$45.00	764	\$34,380.00	47	\$	35,908.00	40	\$	30,560.00	10	\$	7,840.00	41	\$	31,324.00	51	\$	38,964.00
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	\$925.00	2	\$1,850.00	750	\$	1,500.00	250	\$	500.00	400	\$	800.00	360	\$	720.00	125	\$	250.00
X5420615	PIPE CULVERTS TO BE CLEANED 15"	FOOT	\$8.00	28	\$224.00	121	\$	3,388.00	135	\$	3,780.00	150	\$	4,200.00	18	\$	504.00	220	\$	6,160.00
X5610712	WATER MAIN REMOVAL, 12"	FOOT	\$15.00	70	\$1,050.00	21	\$	1,470.00	1	\$	70.00	10	\$	700.00	11	\$	770.00	23	\$	1,610.00
X6026054	SANITARY MANHOLES TO BE REMOVED	EACH	\$1,500.00	2	\$3,000.00	31870	\$	63,740.00	500	\$	1,000.00	600	\$	1,200.00	480	\$	960.00	35000	\$	70,000.00
X6061815	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)	FOOT	\$30.00	13960	\$418,800.00	28	\$	390,880.00	22	\$	307,120.00	26	\$	362,960.00	22	\$	307,120.00	33	\$	460,680.00
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	\$22.00	560	\$12,320.00	25	\$	14,000.00	10	\$	5,600.00	20	\$	11,200.00	28	\$	15,680.00	18	\$	10,080.00
Z0013798	CONSTRUCTION LAYOUT	LSUM	\$50,000.00	1	\$50,000.00	25000	\$	25,000.00	31000	\$	31,000.00	73000	\$	73,000.00	40000	\$	40,000.00	77000	\$	77,000.00
Z0018100	DRAINAGE STRUCTURE ADJUSTMENT (SPECIAL)	EACH	\$1,500.00	7	\$10,500.00	1050	\$	7,350.00	750	\$	5,250.00	800	\$	5,600.00	960	\$	6,720.00	1150	\$	8,050.00
Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	\$500.00	35	\$17,500.00	900	\$	31,500.00	400	\$	14,000.00	600	\$	21,000.00	430	\$	15,050.00	990	\$	34,650.00
Z0022800	FENCE REMOVAL	FOOT	\$12.00	206	\$2,472.00	7	\$	1,442.00	10	\$	2,060.00	5	\$	1,030.00	7	\$	1,442.00	11	\$	2,266.00
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	\$80.00	38	\$3,040.00	76	\$	2,888.00	110	\$	4,180.00	120	\$	4,560.00	96	\$	3,648.00	83	\$	3,154.00
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	\$100.00	30	\$3,000.00	86	\$	2,580.00	120	\$	3,600.00	129	\$	3,870.00	147	\$	4,410.00	95	\$	2,850.00
Z0057100	SANITARY SEWER 12"	FOOT	\$40.00	5	\$200.00	990	\$	4,950.00	500	\$	2,500.00	410	\$	2,050.00	332	\$	1,660.00	1085	\$	5,425.00
Z0067700	STEEL CASINGS 20"	FOOT	\$300.00	54	\$16,200.00	455	\$	24,570.00	125	\$	6,750.00	210	\$	11,340.00	144	\$	7,776.00	500	\$	27,000.00
Z0077700	WOOD FENCE TO BE REMOVED AND RE-ERECTED	FOOT	\$38.00	526	\$19,988.00	22	\$	11,572.00	23.25	\$	12,229.50	20	\$	10,520.00	26	\$	13,676.00	27.45	\$	14,438.70
N/A	1050Z1 LID	EACH	\$600.00	1	\$600.00	270	\$	270.00	400	\$	400.00	900	\$	900.00	480	\$	480.00	300	\$	300.00
N/A	BOARDWALK STRUCTURE	SQ FT	\$50.00	97	\$4,850.00	225	\$	21,825.00	150	\$	14,550.00	200	\$	19,400.00	86	\$	8,342.00	160	\$	15,520.00
N/A	CATCH BASINS, TYPE A, 7010 W/ TYPE M4 VANE GRATE	EACH	\$4,200.00	5	\$21,000.00	2810	\$	14,050.00	3800	\$	19,000.00	2900	\$	14,500.00	3680	\$	18,400.00	3085	\$	15,425.00
N/A	CATCH BASINS, TYPE A, TYPE 7065 FRAME AND GRATE	EACH	\$4,000.00	1	\$4,000.00	2990	\$	2,990.00	3700	\$	3,700.00	2900	\$	2,900.00	3880	\$	3,880.00	3280	\$	3,280.00
N/A	CATCH BASINS, TYPE A, TYPE 7525 FRAME AND GRATE	EACH	\$4,000.00	17	\$68,000.00	2770	\$	47,090.00	3800	\$	64,600.00	2900	\$	49,300.00	3880	\$	65,960.00	3040	\$	51,680.00
N/A	CATCH BASINS, TYPE A, TYPE 8 GRATE	EACH	\$3,500.00	1	\$3,500.00	2320	\$	2,320.00	3500	\$	3,500.00	2900	\$	2,900.00	3680	\$	3,680.00	2540	\$	2,540.00
N/A	CATCH BASINS, TYPE C, 7010 W/ TYPE M4 VANE GRATE	EACH	\$2,500.00	3	\$7,500.00	2040	\$	6,120.00	2000	\$	6,000.00	2900	\$	8,700.00	2210	\$	6,630.00	2240	\$	6,720.00
N/A	CATCH BASINS, TYPE C, TYPE 7525 FRAME AND GRATE	EACH	\$2,500.00	11	\$27,500.00	2000	\$	22,000.00	2000	\$	22,000.00	2900	\$	31,900.00	2280	\$	25,080.00	2195	\$	24,145.00
N/A	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	\$2,100.00	11	\$23,100.00	1700	\$	18,700.00	1800	\$	19,800.00	2900	\$	31,900.00	2200	\$	24,200.00	1865	\$	20,515.00
N/A	CEMENT	TON	\$50.00	1559	\$77,950.00	144	\$	224,496.00	160	\$	249,440.00	161	\$	250,999.00	155	\$	241,645.00	145	\$	226,055.00
N/A	CHIMNEY REHABILITATION	EACH	\$400.00	21	\$8,400.00	900	\$	18,900.00	650	\$	13,650.00	600	\$	12,600.00	1260	\$	26,460.00	990	\$	20,790.00
N/A	CLASS D PATCH, 6 INCH, SPECIAL	SQ YD	\$75.00	62	\$4,650.00	90	\$	5,580.00	60	\$	3,720.00	75	\$	4,650.00	195	\$	12,090.00	60	\$	3,720.00
N/A	CONSTRUCT NEW MULTI-USE PATH	SQ YD	\$45.00	9229	\$415,305.00	28	\$	258,412.00	27	\$	249,183.00	35	\$	323,015.00	44	\$	406,076.00	34.5	\$	318,400.50
N/A	CURB STOP VALVE BOX TO BE ADJUSTED	EACH	\$250.00	1	\$250.00	280	\$	280.00	350	\$	350.00	800	\$	800.00	185	\$	185.00	300	\$	300.00
N/A	DRAIN TILE, 10"	FOOT	\$40.00	236	\$9,440.00	58	\$	13,688.00	90	\$	21,240.00	43	\$	10,148.00	48	\$	11,328.00	63	\$	14,868.00
N/A	DRAIN TILE, 6"	FOOT	\$28.00	446	\$12,488.00	65	\$	28,990.00	70	\$	31,220.00	19	\$	8,474.00	31	\$	13,826.00	71	\$	31,666.00
N/A	DRAINAGE STRUCTURE TO BE ADJUSTED W/ NEW 7525 FRAME AND GRATE	EACH	\$2,000.00	1	\$2,000.00	1240	\$	1,240.00	650	\$	650.00	1000	\$	1,000.00	860	\$	860.00	1360	\$	1,360.00
N/A	DRAINAGE STRUCTURE TO BE ADJUSTED W/ NEW TYPE 8 GRATE	EACH	\$2,500.00	1	\$2,500.00	940	\$	940.00	600	\$	600.00	1200	\$	1,200.00	740	\$	740.00	1030	\$	1,030.00
N/A	DRAINAGE STRUCTURE TO BE REHABILITATED	EACH	\$2,500.00	4	\$10,000.00	1140	\$	4,560.00	1500	\$	6,000.00	1200	\$	4,800.00	2500	\$	10,000.00	1250	\$	5,000.00
N/A	DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	\$50.00	3171	\$158,550.00	65	\$	206,115.00	75	\$	237,825.00	55	\$	174,405.00	71	\$	225,141.00	93	\$	294,903.00
N/A	EXPLORATION TRENCH 60" DEPTH	FOOT	\$30.00	500	\$15,000.00	14	\$	7,000.00	5	\$	2,500.00	10	\$	5,000.00	38	\$	19,000.00	15	\$	7,500.00
N/A	IN-LINE CHECK VALVE	EACH	\$250.00	1	\$250.00	3160	\$	3,160.00	3500	\$	3,500.00	3600	\$	3,600.00	3960	\$	3,960.00	3470	\$	3,470.00
N/A	INSTALL NEW CURB STOP CAP ON EXISTING BOX	EACH	\$100.00	2	\$200.00	136	\$	272.00	750	\$	1,500.00	500	\$	1,000.00	85	\$	170.00	150	\$	300.00
N/A	INSTALL NON-SHEAR COUPLING	EACH	\$70.00	2	\$140.00	80	\$	160.00	200	\$	400.00	600	\$	1,200.00	165	\$	330.00	88	\$	176.00
N/A	MANAGEMENT OF PLANTINGS (ALL ZONES, 3 YEARS)	ACRE	\$4,000.00	2.4	\$9,600.00	5493	\$	13,183.20	14500	\$	34,800.00	8000	\$	19,200.00	18200	\$	43,680.00	18110	\$	43,464.00
N/A	MANHOLES, TYPE A, 4'-DIAMETER, 1050Z1	EACH	\$5,000.00	13	\$65,000.00	2890	\$	37,570.00	3950	\$	51,350.00	3000	\$	39,000.00	3720	\$	48,360.00	3175	\$	41,275.00
N/A	MANHOLES, TYPE A, 5'-DIAMETER, 1050Z1	EACH	\$6,500.00	1	\$6,500.00	3180	\$	3,180.00	4450	\$	4,450.00	3700	\$	3,700.00	4480	\$	4,480.00	3490	\$	3,490.00
N/A	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	\$8,000.00	1	\$8,000.00	4910	\$	4,910.00	6200	\$	6,200.00	5500	\$	5,500.00	7220	\$	7,220.00	5390	\$	5,390.00
N/A	MESIC PRAIRIE SEEDING	ACRE	\$3,000.00	1.6	\$4,800.00	3125	\$	5,000.00	3135	\$	5,016.00	7000	\$	11,200.00	5550	\$	8,880.00	5545	\$	8,872.00
N/A	PVC CLEANOUT RISERS	EACH	\$50.00	17	\$850.00	430	\$	7,310.00	500	\$	8,500.00	710	\$	12,070.00	465	\$	7,905.00	470	\$	7,990.00
N/A	PVC STORM SEWERS 6"	FOOT	\$25.00	368	\$9,200.00	51	\$	18,768.00	50	\$	18,400.00	44	\$	16,192.00	36	\$	13,248.00	56	\$	20,608.00
N/A	RAILING	FOOT	\$200.00	57	\$11,400.00	560	\$	31,920.00	615	\$	35,055.00	600	\$	34,200.00	577	\$	32,889.00	610	\$	34,770.00
N/A	RECONSTRUCT BITUMINOIS DRIVEWAY APRON	SQ YD	\$75.00	78	\$5,850.00	60	\$	4,680.00	50	\$	3,900.00	50	\$	3,900.00	82	\$	6,396.00	95	\$	7,410.00
N/A	REMOVE AND REPLACE CURB STOP VALVE AND BOX	EACH	\$600.00	7	\$4,200.00	1640	\$	11,480.00	1500	\$	10,500.00	1000	\$	7,000.00	880	\$	6,160.00	1800	\$	12,600.00
N/A	REMOVE AND REPLACE CURB STOP VALVE RISER ROD AND BOX	EACH	\$350.00	25	\$8,750.00	680	\$	17,000.00	1200	\$	30,000.00	850	\$	21,250.00	880	\$	22,000.00	750	\$	18,750.00
N/A	SALVAGE EXISTING STONES FOR REUSE	TON	\$80.00	75	\$6,000.00	100	\$	7,500.00	55	\$	4,125.00	20	\$	1,500.00	48	\$	3,600.00	110	\$	8,250.00
N/A	SANITARY MANHOLES, TYPE A, 4'-DIAMETER, 1050Z1	EACH	\$5,500.00	1	\$5,500.00	16830	\$	16,830.00	5000	\$	5,000.00	4500	\$	4,500.00	9760	\$	9,760.00	18475	\$	18,475.00
N/A	SANITARY SEWER POINT REPAIR 12" (10'-15')	FOOT	\$120.00	10	\$1,200.00	940	\$	9,400.00	800	\$	8,000.00	110	\$	1,100.00	567	\$	5,670.00	1030	\$	10,300.00
N/A	SANITARY SEWER POINT REPAIR 12" (15'-20')	FOOT	\$150.00	388	\$58,200.00	203	\$	78,764.00	225	\$	87,300.00	50	\$	19,400.00	256	\$	99,328.00	222	\$	86,136.00
N/A	SANITARY SEWER POINT REPAIR 8" (0'-10')	FOOT	\$60.00	100	\$6,000.00	135	\$	13,500.00	125	\$	12,500.00	80	\$	8,000.00	88	\$	8,800.00	150	\$	15,000.00
N/A	SANITARY SEWER POINT REPAIR 8" (10'-15')	FOOT	\$90.00	10	\$900.00	890	\$	8,900.00	700	\$	7,000.00	150	\$	1,500.00	622	\$	6,220.00	980	\$	9,800.00
N/A	SANITARY STRUCTURE LINING	FOOT	\$150.00	40	\$6,000.00	675	\$	27,000.00	745	\$	29,800.00	700	\$	28,000.00	725	\$				



**VILLAGE OF ALGONQUIN**  
*PUBLIC WORKS DEPARTMENT*

**– M E M O R A N D U M –**

DATE: November 15, 2019

TO: Tim Schloneger, Village Manager  
Committee of the Whole

FROM: Robert Mitchard, Public Works Director

SUBJECT: Village of Algonquin WWTP Phase 6B Improvements

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Tim, attached you will find a recommendation letter and the bid tabulation for the WWTP Phase 6B Improvements. Bids were opened on Wednesday, November 13, 2019 at 11:00AM in the Village Boardroom and three responsible proposals were received on the project. All bids were in an acceptable and tight range, indicating our consulting engineer, Trotter and Associates, prepared a quality set of plans and specifications.

We are respectfully requesting to expedite the approval of this contract, so that we can begin the required paperwork and processes dictated by the Illinois Environmental Protection Agency for projects using the Low Interest Loan program. In addition, we need to work with our consultants and the contractor immediately to begin approving the shop drawings and purchasing of some of the long lead-time items associated with the aerobic and anaerobic digester conversions.

Therefore, we recommend that the Committee of the Whole take the action necessary to authorize the Board of Trustees to enter into an agreement with Williams Brothers Construction of Peoria, IL, for the Base Bid only, in the amount of \$16,270,000.00, and reject the four deductive Alternate bids.





November 15, 2019

Village of Algonquin  
President John Schmitt and Board of Trustees  
2200 Harnish Dr.  
Algonquin, IL 60102

RE: Recommendation of Award – Wastewater Treatment Facility Phase 6B Improvements

Dear President Schmitt:

The Village of Algonquin advertised the above referenced project in accordance with IEPA guidelines on September 16<sup>th</sup>, 2019 and received bids until 11:00 a.m. on November 13<sup>th</sup>, 2019 in accordance with the advertisement. Three (3) bids were received and read aloud at the Ganek Municipal Center. The following is a tabulation of the bids received:

<b>BID TABULATION</b>				
	<b>Williams Brothers</b>	<b>Joseph J. Henderson</b>	<b>IHC Construction</b>	<b>TAI Estimate</b>
Pre - Bid Conference	X	X	X	
DBE / WBE Advertisement	X	X	X	
Add #1 - 6 Acknowledgement	X	X	X	
<b>Total Base Bid</b>	<b>\$ 16,270,000</b>	<b>\$ 16,672,000</b>	<b>\$ 17,184,090</b>	<b>\$ 16,403,900</b>
Dollars High	\$ -	\$ 402,000	\$ 914,090	\$ 133,900
% Diff from Low Bidder	0.0%	2.4%	5.3%	0.8%
<b>Alternates</b>				
Ded. Alt. #1 - Mixers	\$ (80,000)	\$ (50,000)	\$ (60,000)	
Ded. Alt. #2 - PLCs	\$ (63,000)	\$ (60,000)	\$ (67,000)	
Ded. Alt. #3 - Flood Barriers	\$ (120,000)	\$ (135,000)	\$ (115,000)	
Ded. Alt. #4 - Phosphax	\$ (28,000)	\$ (28,000)	\$ (33,000)	

Williams Brothers Construction, Inc. (WBCI) of Peoria, IL is the apparent low bidder with a base bid amount of \$16,270,000. This bid is 0.8% less than the latest engineer's estimate of \$16,403,900.

We have reviewed the bidding documents, required certifications and disadvantaged business enterprise (DBE) documentation requirements of the Illinois EPA Loan Program and verified that WBCI has met all of the bidding requirements.

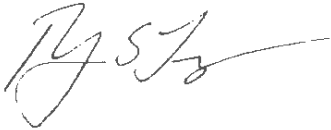
WBCI is a well-established general contractor in the water and wastewater industry. Trotter and Associates has previously worked with them on other projects including DeKalb Sanitary District's Phase 1A Biosolids Rehabilitation Project in 2009, DeKalb Sanitary District's Country Club Lift Station in 2010, and City of Batavia Phase 1 WWTP Rehabilitation in 2018. TAI has found them to be a quality contractor with whom we are confident will provide a successful project to the Village of Algonquin. We feel that based on their experience and history WBCI is adequately qualified to complete this project.



Following discussions with Village staff, the four deductive alternates will not be accepted. The deductive alternates are exclusion of work including biological mixer replacement, PLC replacement, flood barrier installation, and a phosphorus monitoring unit. The deductive alternates were included in the bid proposal pending base bid prices and the need to find cost savings. Since the low bidder base bid amount is within acceptable range of the engineer's estimate, the deductive alternates will not be necessary for cost saving measures. The recommended award to WBCI is therefore \$16,270,000, contingent upon approval of the Illinois EPA and execution of the loan agreement for the project. If you should have any questions or wish to discuss this further please contact me at your earliest convenience.

Sincerely,

Trotter and Associates, Inc.

A handwritten signature in black ink, appearing to read 'RST', with a long horizontal flourish extending to the right.

Robert Scott Trotter, PE, BCEE  
President

CC: Robert Mitchard, Village of Algonquin  
Michele Zimmerman, Village of Algonquin  
Jason Schutz, Village of Algonquin  
Tom Hall, Village of Algonquin  
Michelle Weber, Village of Algonquin

**Village of Algonquin**

**WWTF Phase 6B Improvements**

**11:00 AM, Wednesday, November 13, 2019**

<b>BID TABULATION</b>				
	<b>Williams Brothers</b>	<b>Joseph J. Henderson</b>	<b>IHC Construction</b>	<b>TAI Estimate</b>
Pre - Bid Conference	X	X	X	
DBE / WBE Advertisement	X	X	X	
Add #1 - 6 Acknowledgement	X	X	X	
<b>Total Base Bid</b>	<b>\$ 16,270,000</b>	<b>\$ 16,672,000</b>	<b>\$ 17,184,090</b>	<b>\$ 16,403,900</b>
Dollars High	\$ -	\$ 402,000	\$ 914,090	\$ 133,900
% Diff from Low Bidder	0.0%	2.4%	5.3%	0.8%
<b>Alternates</b>				
Ded. Alt. #1 - Mixers	\$ (80,000)	\$ (50,000)	\$ (60,000)	
Ded. Alt. #2 - PLCs	\$ (63,000)	\$ (60,000)	\$ (67,000)	
Ded. Alt. #3 - Flood Barriers	\$ (120,000)	\$ (135,000)	\$ (115,000)	
Ded. Alt. #4 - Phosphax	\$ (28,000)	\$ (28,000)	\$ (33,000)	
<b>Cash Allowances</b>				
1. Sludge Removal, per gallon, 420,000 gallons	\$ 252,000	\$ 252,000	\$ 252,000	
2a. Crack Repair - Method 1, per LF, 200 LF	\$ 15,000	\$ 18,000	\$ 10,000	
2b. Crack Repair - Method 1, per LF, 200 LF	\$ 15,000	\$ 18,000	\$ 10,000	
2c. Crack Repair - Method 1, per LF, 200 LF	\$ 15,000	\$ 18,000	\$ 20,000	
2d. Crack Repair - Method 1, per LF, 200 LF	\$ 15,000	\$ 18,000	\$ 10,000	
2e. Crack Repair - Method 1, per LF, 200 LF	\$ 15,000	\$ 18,000	\$ 5,000	
3. Unsuitable Soil Removal, Haul and Backfill, per CY, 300 CY	\$ 21,000	\$ 32,100	\$ 27,000	
Unforeseen Piping Conflicts	\$ 50,000	\$ 50,000	\$ 50,000	
Unforeseen Electrical Conflicts	\$ 50,000	\$ 50,000	\$ 50,000	
<b>Supplemental Unit Prices</b>				
1. Pavement				
A. Hot- Mix Asphalt, per sq yd	\$ 40	\$ 40	\$ 56	\$ 50
B. Concrete Pavement, per sq yd	\$ 100	\$ 20	\$ 78	\$ 50
C. Aggregate Base Course, per sq yd	\$ 20	\$ 13	\$ 12	\$ 25

2. PCC Sidewalk				
A. PCC Sidewalk, excavation and base, per sq yd	\$ 200	\$ 310	\$ 500	\$ 75
3. Curb and Gutter				
A. Curb and gutter, per linear foot	\$ 40	\$ 450	\$ 550	\$ 40
4. Plants				
A. Trees, each				
i. Gymnocladus Dioicus, Kentucky Coffee Tree; 4" Caliper	\$ 1,000	\$ 1,750	\$ 1,300	\$ 1,000
ii. Taxodium Distichum, Bald Cypress; 4" Caliper	\$ 1,000	\$ 1,500	\$ 1,300	\$ 1,000
B. Plants (shrubs and perennials), each				
i. Taxus x media 'Densiflora', Dense Yew; 24"	\$ 150	\$ 85	\$ 92	\$ 750
ii. Sporobolus Heterolepis, Prairie Dropseed; 1-Gallon	\$ 150	\$ 20	\$ 22	\$ 750
<b>Manuf's Schedule</b>				
Engineered Aluminum Digester Covers	\$ 200,000	\$ 200,000	\$ 156,700	
Removeable Flood Barriers	\$ 75,000	\$ 97,000	\$ 98,250	
Process Control System Integrator and Supplier	\$ 600,000	\$ 700,000	\$ 700,000	
Stainless Steel Slide Gates	\$ 65,000	\$ 65,000	\$ 60,300	
Stainless Steel Weir Gates	\$ 120,000	\$ 120,000	\$ 91,300	
Mud Valves	\$ 3,900	\$ 3,900	\$ 3,600	
Rotary Positive Displacement Blowers	\$ 325,000	\$ 325,000	\$ 301,000	
Waste Gas Burner System	\$ 200,000	\$ 200,000	\$ 152,200	
Digested Sludge Mixing Pumps	\$ 128,000	\$ 128,000	\$ 97,400	
Digested Sludge Recirculation Pumps	\$ 50,000	\$ 50,000	\$ 46,400	
Rotary Drum Thickener Feed Pumps	\$ 67,000	\$ 67,000	\$ 62,100	
Thickened WAS Pumps	\$ 550,000	\$ 55,000	\$ 51,000	
Welded Steel Pressure Tanks	\$ 24,000	\$ 24,000	\$ 17,000	
Polymer Blending And Feed Equipment	\$ 116,000	\$ 115,000	\$ 87,700	
Mechanical Mixers	\$ 350,000	\$ 350,000	\$ 324,800	
Submersible Propeller Mixers - Anaerobic Zone	\$ 112,000	\$ 100,000	\$ 104,000	
Submersible Propeller Mixers - Anoxic Zone	\$ 73,000	\$ 100,000	\$ 68,400	
Chain and Flight Clarifier Equipment	\$ 350,000	\$ 349,000	\$ 328,400	
Circular Clarifier Equipment	\$ 256,000	\$ 255,000	\$ 239,500	
Flexible Membrane Disc Diffusers	\$ 30,000	\$ 29,000	\$ 27,000	
Protected Water System	\$ 125,000	\$ 125,000	\$ 116,000	
UV Treatment Equipment	\$ 420,000	\$ 420,000	\$ 394,200	
Rotary Drum Thickener	\$ 330,000	\$ 330,000	\$ 309,700	
Fixed Digester Cover	\$ 185,000	\$ 185,000	\$ 171,600	

Dual Deck Truss-Type Floating Digester Covers	\$ 275,000	\$ 275,000	\$ 255,200	
Dual Deck Truss-Type Gas Holding Digester Covers	\$ 475,000	\$ 475,000	\$ 441,000	
Digester Appurtenances	\$ 710,000	\$ 710,000	\$ 540,500	
Aerobic Digester Aeration Equipment	\$ 117,000	\$ 116,000	\$ 88,800	
Digester Heating Equipment	\$ 200,000	\$ 199,000	\$ 187,550	
<b>Subs Form</b>				
Excavation	Williams Brothers	JJ Henderson	IHC	
Mechanical	Hayes	JJ Henderson	Mechanical, Inc.	
Electrical	Associated Electric	Associated Electric	Northwest Tec	
Concrete	Williams Brothers	JJ Henderson	IHC	
Masonry	Williams Brothers	Jimmy Z	A. Horn	
HVAC	Mechanical Inc.	CMS	Mechanical, Inc.	
Plumbing	Hayes	JJ Henderson	Mechanical, Inc.	
Controls	Tri-R	Tri-R	Tri-R	
Paving	All Star Asphalt	Glander	Troch-McNeil	
Landscaping	Williams Brothers	McGinty	McGinty Brothers	
Painting	R.P. Coatings	R.P. Coatings	DBM Services	



SECTION 00 51 00.10 - NOTICE OF INTENT TO AWARD

Date: November 19, 2019

To: Williams Brothers Construction, Inc.  
P.O. Box 1366  
Peoria, Illinois 61654  
(309) 688-0891

Project: Village of Algonquin WWTF Phase 6B Improvements

The OWNER has considered the BID submitted by you for the above described WORK in response to its Advertisement for Bids and Information for Bidders.

You are hereby notified that your BID will be accepted, contingent upon Illinois Environmental Protection Agency (IEPA) approval, for items in the amount of **Sixteen Million Two Hundred Seventy Thousand dollars and zero cents (\$16,270,000.00)**.

You will be required by the Information for Bidders to execute the Agreement and furnish the required CONTRACTOR'S PERFORMANCE BOND, PAYMENT BOND and CERTIFICATES OF INSURANCE within ten (10) calendar days of the final Notice of Award, to be sent upon IEPA approval, to you.

Dated this 19<sup>th</sup> day of November, 2019.

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John Schmitt, Village President

END OF SECTION 00 51 00.10



**VILLAGE OF ALGONQUIN**  
*PUBLIC WORKS DEPARTMENT*

**– M E M O R A N D U M –**

DATE: November 14, 2019

TO: Tim Schloneger, Village Manager  
Committee of the Whole

FROM: Robert Mitchard, Public Works Director

SUBJECT: IDOT Bridge Deck Work IGA

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Very recently the Village was advised by the Illinois Department of Transportation (IDOT) that they plan to “overlay” the bridge deck over the Fox River on Illinois Route 62. When we met with IDOT staff, we requested several items be added to the scope of work:

- The installation of a “decorative” parapet and bike railing along the length of the bridge.
- The painting of the railing in a color required by the Village to match other elements of the downtown streetscape (black).

IDOT had proposed their “standard” railing systems using galvanized (grey) material and did not propose painting the railings. The decorative railings and black color are “non-standard” in IDOT’s view and the Local Agency (Village) is required to pay the incremental difference for the standard and what IDOT considers and upgrade.

We have attached an Intergovernmental Agreement (IGA) and an exhibit that identifies the cost distribution related to the decorative upgrades requested by the Village. The Village share of the upgrades is estimated at \$142,600. You will note that depending upon the bid prices received, the Village cost could be higher as IDOT is limiting their contribution to the maximums noted.

IDOT would like to bid this project in January 2020 and the Village needs to act on the IGA and cost distribution. The Public Works Department has reviewed all the documents and the dollar amounts included, and, therefore, recommends the approval of the IGA and the Village costs associated with this project.

Please contact me if you have any questions.

FAP Route 339 (IL Route 62)  
Over Fox River  
State Section: 2019-140-BR  
McHenry County  
Job No. :C-91-074-20  
Contract No.: 62K14  
JN-120-005

## AGREEMENT

This Agreement entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2019 A.D., by and between the STATE OF ILLINOIS, acting by and through its DEPARTMENT OF TRANSPORTATION, hereinafter called the STATE, and the VILLAGE OF ALGONQUIN, of the State of Illinois, hereinafter called the VILLAGE.

## WITNESSETH:

WHEREAS, the STATE, in order to facilitate the free flow of traffic and ensure safety to the motoring public, is desirous of improving approximately 525 feet of FAP Route 339 (IL Route 62) over Fox River, STATE Section: 2019-140-BR, STATE Job No.: C-91-074-20, State Contract Number: 62K14, as follows:

This is a bridge rehabilitation project, the general scope of work for this improvement consists of overlaying the bridge deck, removal and replacing the handrails, repairing concrete abutments and all other work necessary to complete the improvement in accordance with the approved plans and specifications; and

WHEREAS, the VILLAGE requests that the STATE include in its contract, upgrading the bicycle and parapet railing and painting the steel railing; and

WHEREAS, the STATE has agreed to the VILLAGE's request; and

WHEREAS, the VILLAGE is desirous of said improvement in that same will be of immediate benefit to the VILLAGE residents and permanent in nature.

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the parties hereto agree as follows:

1. The STATE agrees to make the surveys, obtain all necessary rights of way, prepare plans and specifications, receive bids and award the contract, furnish engineering inspection during construction and cause the improvement to be built in accordance with the approved plans, specifications and contract.
2. The STATE agrees to pay for all right of way, construction and engineering cost subject to partial reimbursement by the VILLAGE, as hereinafter stipulated.
3. It is mutually agreed by and between the parties hereto that the estimated cost and cost proration for this improvement is as shown on Exhibit A attached hereto and made a part hereof..
4. The VILLAGE has passed a resolution appropriating sufficient funds to pay its share of the cost for this improvement, a copy of which is attached hereto as Exhibit B and made a part hereof.  
  
The VILLAGE agrees that upon award of the contract for this improvement, the VILLAGE will pay to the STATE, in a lump sum from any funds allotted to the VILLAGE, an amount equal to 80% of its obligation incurred under this AGREEMENT, and will pay to said STATE the remainder of the obligation (including any non-participating costs on FA Projects) in a lump sum, upon completion of the project, based upon final costs.
5. The VILLAGE further agrees to pass a supplemental resolution to provide necessary funds for its share of the cost of this improvement if the amount appropriated in Exhibit B proves to be insufficient to cover said cost.



6. The VILLAGE agrees not to permit driveway entrance openings to be made in the curb, as constructed, or the construction of additional entrances, private or commercial, along Algonquin Road without the consent of the STATE.
7. The VILLAGE shall exercise its franchise rights to cause private utilities to be relocated, if required, at no expense to the STATE.
8. The VILLAGE agrees to cause its utilities installed on right of way after said right of way was acquired by the STATE or installed within the limits of a roadway after the said roadway's jurisdiction was assumed by the STATE, to be relocated and/or adjusted, if required, at no expense to the STATE.
9. All VILLAGE owned utilities, on STATE right of way within the limits of this improvement, which are to be relocated/adjusted under the terms of this Agreement, will be relocated/adjusted in accordance with the applicable portions of the "Accommodation of Utilities of Right of Way of the Illinois State Highway System." (92 Ill. Adm. Code 530).
10. The VILLAGE agrees to obtain from the STATE an approved permit for any VILLAGE owned utility relocated/adjusted as part of this improvement, and shall abide by all conditions set forth therein.
11. Upon final field inspection of the improvement and so long as Algonquin Road is used as a STATE Highway, the STATE agrees to maintain or cause to be maintained the bridge deck and structure, the through traffic lanes, the left-turn lanes and right turn lanes, and the curb and gutter adjacent to those traffic lanes and turn lanes.
12. Upon final field inspection of the improvement, the VILLAGE agrees to maintain or cause to be maintained those portions of the improvement which are not maintained by the STATE, including

new and existing sidewalks, shared use paths, VILLAGE owned utilities including appurtenances thereto and highway lighting including furnishing the electrical energy thereof.

13. The VILLAGE further agrees to continue its existing maintenance responsibilities for the decorative railing and on all side road approaches under its jurisdiction, including all left and right turn lanes on said side road approaches up to the through edge of pavement of Algonquin Road. Drainage facilities, if any, at the aforementioned side roads located within the STATE right-of-way shall be the joint maintenance responsibility of the STATE and the VILLAGE unless there is an agreement specifying different responsibilities.
14. The VILLAGE has adopted a resolution, will send a letter, or sign the Plan Approval page which is part of this document, prior to the STATE advertising for the work to be performed hereunder, approving the plans and specifications as prepared.
15. Under penalties of perjury, the VILLAGE certifies that its correct Federal Tax Identification number is 36-6005766 and it is doing business as a GOVERNMENTAL ENTITY, whose mailing address is:

VILLAGE of ALGONQUIN

2200 Harnish Drive

Algonquin, IL 60102

Obligations of the STATE and the VILLAGE will cease immediately without penalty or further payment being required if, in any fiscal year, the Illinois General Assembly or Federal funding source fails to appropriate or otherwise make available funds for this contract.

This AGREEMENT and the covenants contained herein shall be null and void in the event the contract covering the construction work contemplated herein is not awarded within the three years subsequent to execution of the agreement.

This Agreement shall be binding upon and to the benefit of the parties hereto, their successors and assigns.

VILLAGE OF ALGONQUIN

By: \_\_\_\_\_  
(Signature)

Attest:

\_\_\_\_\_  
Clerk  
  
(SEAL)

By: \_\_\_\_\_  
(Print or Type)

Title: \_\_\_\_\_

Date: \_\_\_\_\_

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

By: \_\_\_\_\_  
Anthony J. Quigley, P.E.  
Region One Engineer

Date: \_\_\_\_\_

Job No.: C-91-074-20  
Agreement No.: JN-120-005

## PLAN APPROVAL

WHEREAS, in order to facilitate the improvement of FAP Route 339, known as IL Route 62, Contract No.: 62K14, State Section: 2019-140-BR, Job No.: C-91-074-20, the VILLAGE agrees to that portion of the plans and specifications relative to the VILLAGE's financial and maintenance obligations described herein, prior to the STATE's advertising for the aforescribed proposed improvement.

Approved \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

"Exhibit B"  
FUNDING RESOLUTION

WHEREAS, the VILLAGE OF ALGONQUIN (VILLAGE) has entered into an AGREEMENT with the STATE OF ILLINOIS (STATE) for the improvement of FAP Route 339 (IL Route 62) over Fox River, known as State Section: 2019-140-BR, Contract No.: 62K14; and

WHEREAS, in compliance with the aforementioned AGREEMENT, it is necessary for the VILLAGE to appropriate sufficient funds to pay its share of the cost of said improvement.

NOW THEREFORE, BE IT RESOLVED, that there is hereby appropriated the sum of One Hundred Forty Two Thousand and Six Dollars (\$142,600.00) or so much thereof as may be necessary, from any money now or hereinafter allotted to the VILLAGE, to pay its share of the cost of this improvement as provided in the AGREEMENT; and

BE IT FURTHER RESOLVED, that upon award of the contract for this improvement, the VILLAGE will pay to the STATE in a lump sum from any funds allotted to the VILLAGE, an amount equal to 80% of its obligation incurred under this AGREEMENT, and will pay to said STATE the remainder of the obligation in a lump sum, upon completion of the project, based on final costs; and

BE IT FURTHER RESOLVED, that the VILLAGE agrees to pass a supplemental resolution to provide any necessary funds for its share of the cost of this improvement if the amount appropriated herein proves to be insufficient, to cover said cost.



STATE OF ILLINOIS )  
COUNTY OF COOK )

I, \_\_\_\_\_, \_\_\_\_\_ Clerk in and for the VILLAGE of ALGONQUIN hereby certify  
the foregoing to be a true perfect and complete copy of the resolution adopted by the VILLAGE Board at a  
meeting on \_\_\_\_\_, 2019 A.D.

IN TESTIMONY WHEREOF, I have hereunto set my hand seal this \_\_\_\_\_ day of \_\_\_\_\_, 2019 A.D.

\_\_\_\_\_

Clerk

(SEAL)

EXHIBIT A ESTIMATE OF COST      Contract 62K14							
Type of Work	FEDERAL		STATE		VILLAGE OF ALGONQUIN		TOTAL
	\$	%	\$	%	\$	%	
All roadway work excluding the following:	\$1,080,000	80%	\$270,000	20%			\$1,350,000
P&C Engineering (15%)	\$162,000	80%	\$40,500	20%			\$202,500
<b>DECORATIVE UPGRADES</b>							
Bicycle Railing Special	\$48,000	60%*	\$12,000	15%**	\$19,000	Remainder	\$79,000
P&C Engineering (15%)	\$7,200		\$1,800		\$2,850		\$11,850
Parapet Railing Special	\$78,000	55%***	\$19,000	13%****	\$45,000	Remainder	\$142,000
P&C Engineering (15%)	\$11,700		\$2,850		\$6,750		\$21,300
Painting Steel Railing					\$60,000	100%	\$60,000
P&C Engineering (15%)					\$9,000		\$9,000
<b>TOTAL</b>	<b>\$1,386,900</b>		<b>\$346,150</b>		<b>\$142,600</b>		<b>\$1,875,650</b>
KEY: *Not to exceed \$48,000    **Not to exceed \$12,000    ***Not to exceed \$78,000    ****Not to exceed \$19,000 NOTE: Local participation shall be predicated upon the percentages shown above for the specified work. Local Agency cost shall be determined by multiplying the final quantities times contract unit price plus the percentage shown for construction and/or preliminary engineering unless otherwise noted.							



**VILLAGE OF ALGONQUIN**  
*PUBLIC WORKS DEPARTMENT*

**– M E M O R A N D U M –**

DATE: November 14, 2019

TO: Tim Schloneger, Village Manager  
Committee of the Whole

FROM: Robert Mitchard, Public Works Director

SUBJECT: Sewer Camera Purchase

---

Tim, attached you will find a recommendation letter from Tom Hall, Utilities Superintendent, for the purchase of a new sewer televising camera and tractor unit. This unit will replace our 8-year old unit that has met its useful life and has had issues with ongoing maintenance and repair. The old tractor unit was designed to work in small pipe sizes, and now that we are televising both sanitary and storm lines due to the new MS4 regulations, we need a mobile tractor that can run in multiple pipe sizes without flipping or becoming stuck.

Therefore, we recommend that the Committee of the Whole take the action necessary to authorize the Board of Trustees to enter into a purchase agreement with Aries Industries, Inc. of Waukesha, WI, in the amount of \$42,742.00, for both the camera and the tractor transport unit.



**VILLAGE OF ALGONQUIN**  
*PUBLIC WORKS DEPARTMENT*

**– M E M O R A N D U M –**

DATE: *November 13, 2019*

TO: Bob Mitchard, Public Works Director

FROM: *Thomas Hall, Chief Wastewater Operator*

SUBJECT: Aires Pathfinder Camera Purchase

---

Bob

I recommend the purchase of a Pathfinder Pan/Tilt/Zoom Camera with Tractor Kit from Aires Industries, Inc. at the quoted price of \$45,742.00 (see attached quote). Funds totaling \$60,000.00 were requested and approved within the FY2019/20 Budget under Sewer Division Account Number 07800400-44416 (Collection System Maintenance – CCTV Camera Upgrade).

The Utilities Team will use this camera to further inspect Algonquin's Sanitary and Storm-water Collection Systems. The Village's current camera is 8 years old and is experiencing electrical and mechanical issues more frequently than in past years. This equipment is critical in our effort to ensure our underground horizontal infrastructure is maintained properly and operating at a high level of service.

Thank you for considering this recommendation.

Thomas Hall



INDUSTRIES, INC.

550 Elizabeth Street  
Waukesha, WI 53186

Phone 262-896-7205 Fax: 262-896-7099

## QUOTATION

Quote Number: 23149

Page: 1 of 1

**Quote To:**

Village of Algonquin, IL  
2200 Harnish Dr  
Algonquin IL 60102-5995  
USA

Phone: 847-658-2754

Fax:

**Date:** 9/1/2019

**Valid Thru:** 11/30/2019

**Sales Person:** Greg Fry

**Terms of Sale:** FOB Dest PPD

**Payment Terms:** Net 30 Days

**Ship Via:** UPS Ground Dest

**Fax:**

Greg.Fry@ariesindustries.com

*US Dollars*

Line	Part Number	Quantity	Description	Unit Price	Extended Price
1	PE3530-SK	1.00 EA	Camera, Pathfinder Lens-Cleaning Pan Tilt Zoom, Vertical, NTSC & Components Kit	23,237.00	\$23,237.00
2	TR3310-SK	1.00 EA	TR3310 Pathfinder Tractor Kit	22,505.00	\$22,505.00

*Please note,*

*\* Includes the 846665 tractor control box*

I accept the Terms and  
Conditions of this Quotation.

Name: \_\_\_\_\_

Title: \_\_\_\_\_

PO #: \_\_\_\_\_

Signature: \_\_\_\_\_

**Sub Total:** \$45,742.00

**Misc. Charges:** \$0.00

**Total:** \$45,742.00

\*\*\* TOTAL SUBJECT TO CHANGE FOR TAXES AND FREIGHT \*\*\*  
A restocking charge of 15% will apply to all unused returned parts