

United City of Yorkville

800 Game Farm Road Yorkville, Illinois 60560 Telephone: 630-553-4350

www.yorkville.il.us

PLANNING AND ZONING COMMISSION AGENDA

Wednesday, February 12, 2020 7:00 PM Yorkville City Hall Council Chambers 800 Game Farm Road

Meeting Called to Order: 7:00 p.m.

Roll Call:

Previous meeting minutes: January 8, 2020

Citizen's Comments

Public Hearings

1. **PZC 2020-01** The United City of Yorkville, Kendall County, Illinois, petitioner, is proposing to amend the Yorkville Comprehensive Plan to include a new appendix which identifies locations where the future land use designations a recommended for reclassification along U.S. Route 34 (Veterans Parkway), Route 71 (Stagecoach Trail), and Eldamain Road. The proposed amendments are a result of rezoning and development approvals made by the City Council between 2017 and 2019, as well as aligning the potential future industrial development along the Eldamain Corridor.

Unfinished Business

New Business

1. **PZC 2020-01** The United City of Yorkville, Kendall County, Illinois, petitioner, is proposing to amend the Yorkville Comprehensive Plan to include a new appendix which identifies locations where the future land use designations a recommended for reclassification along U.S. Route 34 (Veterans Parkway), Route 71 (Stagecoach Trail), and Eldamain Road. The proposed amendments are a result of rezoning and development approvals made by the City Council between 2017 and 2019, as well as aligning the potential future industrial development along the Eldamain Corridor.

Action Item:

Text Amendment

2. **PZC 2020-04** Ronald Smrz, petitioner, on behalf of the Ronald Smrz Trust, is requesting special use authorization from Kendall County to establish a storage business for non-motorized pull behind campers. The real property is located at 7821 Route 71, Kendall County, Illinois.

Action Item:

1.5 Mile Review

Additional Business

1. Year in Review 2019 – Summary of Planning & Zoning Commission tasks, accomplishments and goals for calendar 2019.

2. City Council Action Updates:

PZC 2019-28 The United City of Yorkville, Kendall County, Illinois, petitioner, is proposing a text amendment to Chapter 3: General Zoning Provisions of the United City of Yorkville Zoning Ordinance regarding mobile food and retail vendor vehicles. The amendment proposes to eliminate the required business registration of the vendor and vehicle for food and retail trucks conducting business on private property.

City Council Action:

Approved

PZC 2019-31 Brian Werner of Continental Electric representing Wrigley Manufacturing, petitioner, has filed an application with the United City of Yorkville, Kendall County, Illinois, requesting special use permit approval to install and operate a freestanding solar energy system and freestanding wind energy system at 2800 N Bridge Street. The real property, zoned in the M-1 Limited Manufacturing District, is located on the east side of US Route 47 south of the Burlington Northern & Santa Fe railway and north of Cannonball Trail. The petitioner is requesting for a single stationary solar panel and single vertical wind turbine to be located near the front of the property to power an illuminated sign.

City Council Action:

Approved

3. Planning Training Series: "Economic Development & Planning" presented by Lynn Dubajic, DLK, LLC.

Adjournment

DRAFT

PLANNING & ZONING COMMISSION

City Council Chambers 800 Game Farm Road, Yorkville, Il Wednesday, January 8, 2020 7:00pm

Meeting Called to Order

Chairman Jeff Olson called the meeting to order at 7:00pm, roll was called and a quorum was established.

Roll Call:

Rusty Hyett-yes, Greg Millen-yes, Jeff Olson-yes, Richard Vinyard-yes, Danny Williams-yes

Absent: Deborah Horaz, Don Marcum

City Staff

Krysti Barksdale-Noble, Community Development Director Jason Engberg, Senior Planner

Other Guests

Christine Vitosh, Vitosh Reporting Service
Lynn Dubajic, City Consultant
Eric Peterman, GRNE
Katie Finlon-Kendall County Record
Beth & Gint Brakauskas, Blackberry Wds.
Brian Werner, CECCO/Wrigley
Mary Snyder, Blackberry Woods

Dan Kramer, Attorney
Jim Smiley, Kendall County
Mr. Chris Childress, Kendall County
Rick Murphy, Lennar Homes
Michael Olszewski, Blackberry Wds.
John Kehoe, Mars Wrigley
Marianne Tomse, Blackberry Woods

Previous Meeting Minutes November 13, 2019

The minutes were approved as presented on a motion and second by Commissioners Vinyard and Williams, respectively.

Roll call: Hyett-yes, Millen-yes, Olson-yes, Vinyard-yes, Williams-yes. Carried 5-0.

Citizen's Comments None

Public Hearings

Chairman Olson explained the procedure for the Hearings and swore in those who would speak. At approximately 7:03pm a motion was made and seconded by Mr. Vinyard and Mr. Williams, respectively, to open the Hearings.

Roll call: Millen-yes, Olson-yes, Vinyard-yes, Williams-yes, Hyett-yes. Carried 5-0.

Chairman Olson read each of the Public Hearings as follows:

1. **PZC 2019-28** The United City of Yorkville, Kendall County, Illinois, petitioner, is proposing a text amendment to Chapter 3: General Zoning Provisions of the

United City of Yorkville Zoning Ordinance regarding mobile food and retail vendor vehicles. The amendment proposes to eliminate the required business registration of the vendor and vehicle for food and retail trucks conducting business on private property.

- 2. **PZC 2019-29** GRNE Solar, Eric Peterman on behalf of Kendall County, petitioner, has filed an application with the United City of Yorkville, Kendall County, Illinois, requesting special use permit approval to install and operate a solar farm with more than one freestanding solar energy system on approximately 7.4 acres of land consisting of roughly 6,400 solar modules. The real property, zoned in the O Office District, is located at the southeast corner of John Street and Beecher Road at the Kendall County Government Campus in Yorkville, Illinois.
- 3. **PZC 2019-30** Cal Atlantic Group, Inc. (A fully owned subsidiary of Lennar Homes), petitioner, has filed an application with the United City of Yorkville, Kendall County, Illinois, requesting amendment to the Raintree Village Planned Unit Development Agreement to reduce the minimum side yard setback for Lots 264-282 from ten feet (10') to six feet (6') for new construction townhomes within the Raintree Village development. The real property is generally located east of IL Route 47, south of IL Route 71, immediately west of IL Route 126 in Yorkville, Illinois.
- 4. **PZC 2019-31** Brian Werner of Continental Electric representing Wrigley Manufacturing, petitioner, has filed an application with the United City of Yorkville, Kendall County, Illinois, requesting special use permit approval to install and operate a freestanding solar energy system and freestanding wind energy system at 2800 N. Bridge Street. The real property, zoned in the M-1 Limited Manufacturing District, is located on the east side of US Route 47 south of the Burlington Northern & Santa Fe railway and north of Cannonball Trail. The petitioner is requesting for a single stationary solar panel and single vertical wind turbine to be located near the front of the property to power an illuminated sign.

(See Court Reporter Transcripts) (Petitioner's Responses to #2, GRNE Solar and #4 Wrigley, shall be added to record)

The Hearings were closed at approximately 7:32pm on a motion by Mr. Vinyard and second by Mr. Williams.

Roll call: Millen-yes, Olson-yes, Vinyard-yes, Williams-yes, Hyett-yes. Carried 5-0.

Unfinished Business None

New Business

1. **PZC 2019-28 Text Amendment** (See full description under Public Hearings) Chairman Olson commented that he didn't feel fingerprinting was necessary for food vendors.

Action Item:

Text Amendment

There was no discussion and a motion to approve was made and seconded by Commissioners Vinyard and Williams, respectively. Mr. Vinyard read the motion as follows: In consideration of testimony presented during a Public Hearing on January 8, 2020 and discussions conducted at that meeting, the Planning and Zoning Commission recommends approval to the City Council a request for a text amendment to Section 10-3-14: Mobile Food Vendor Vehicles and Retail Vendor Vehicles of the United City of Yorkville Zoning Ordinance to remove the requirement for a Certificate of Registration, as recommended in a staff memo dated January 2, 2020.

Roll call: Olson-yes, Vinyard-yes, Williams-yes, Hyett-yes, Millen-yes. Carried 5-0.

2. **PZC 2019-29 GRNE Solar** (See full description under Public Hearings) Mr. Engberg said the only changes that will be made are changing the fencing material to treated pine and to modify the landscaping on the west side. The maintenance of the fence was discussed and it was noted the wood is much less expensive than vinyl. The City will conduct windshield inspections twice a year. Cameras will be mounted inside the site per a request from the Kendall County Sheriff. Mr. Olson disagreed with bushes on the west since they will be small and said the west boundary landscaping should be consistent with the other sides. Mr. Engberg added the staff supported the landscaping changes since the neighbor to the west has approved that plan. Mr. Engberg summarized the required conditions including EEI comments. The County will hold a bond for the decommissioning of the property if necessary.

Action Item:

Special Use

The Commissioners agreed on the fencing material and the revised landscaping. A motion was made by Mr. Vinyard and seconded by Mr. Williams to approve the GRNE special use permit. Attorney Kramer asked to revise the date on the landscaping plan. There was brief discussion of the wood fencing and the potential penalty if the fence is not maintained. Mr. Williams suggested the wood should also be pressure-treated.

Mr. Vinyard read the motion as follows: In consideration of testimony presented during a Public Hearing on January 8, 2020 and discussion of the findings of fact, the Planning and Zoning Commission recommends approval to the City Council a request for Special Use authorization to construct a freestanding solar energy system, or solar farm, on a O Office District zoned property located at the southwest corner of the Kendall County Government Center subject to staff recommendations in a memo dated December 31, 2019 and further subject to the revised landscaping design dated 1-8-20 including wooden fence constructed minimally of pressure-treated materials.

Roll call: Vinyard-yes, Williams-yes, Hyett-yes, Millen-yes, Olson-yes. Carried 5-0.

3. **PZC 2019-30 CalAtlantic** (See full description under Public Hearings) Ms. Noble noted there are two motions associated with this petition. The first is the PUD request for a sideyard setback from 10 feet to 6 feet. The builder is offering duplexes and trends are now showing that a one-story ranch is more popular. The ranch is a wider product and results in a reduced sideyard. The staff supports the setback request based on other such requests in the City.

Chairman Olson expressed some concern for the reduced setbacks. Ms. Noble said there were some incentives granted to take over this project. The builder front-funded a park and fees were paid for infrastructure. There was significant revenue brought to the City with this development. Fire suppression systems were also discussed in view of the reduced setbacks. It was requested to not have any flammable plant material such as mulch on the outside. Mr. Vinyard questioned the distance between the units and said that modern materials burn faster and hotter. Lennar rep Rick Murphy said the duplex units will have sprinklers.

The second request for this petition is approval of the final plat.

Action Item:

PUD Amendment for Setbacks

A motion was made and seconded by Commissioners Vinyard and Williams, respectively, to approve the PUD Amendment. Mr. Vinyard read the motion as follows: In consideration of testimony presented during a Public Hearing on January 8, 2020 and the standards for PUD approval and amendment, the Planning and Zoning Commission recommends approval to the City Council a reduction in side yard setback from ten (10) feet to six (6) feet for lots 262-284 in Unit 4 of the Raintree Village subdivision, as presented by the Petitioner Exhibit F Side Yard Setback.

Roll call: Williams-yes, Hyett-yes, Millen-yes, Olson-yes, Vinyard-yes. Carried 5-0.

Action Item:

Final Plat

Commissioners Vinyard and Williams moved and seconded, respectively, to approve the Final Plat for Raintree Village. Mr. Vinyard read the motion as follows: In consideration of the proposed Final Plat of Raintree Village, Unit Four 1st Resubdivision, the Planning and Zoning Commission recommends approval of the plat to the City Council as presented by the Petitioner in plans prepared by Mackie Consultant, LLC dated last revised 11-11-19, subject to review comments provided by the City Engineer, EEI, Inc. dated November 13, 2019.

Roll call: Hyett-yes, Millen-yes, Olson-yes, Vinyard-yes, Williams-yes. Carried 5-0.

4. **PZC 2019-31 Wrigley Manufacturing** (See full description under Public Hearings)

Mr. Engberg reviewed the staff conditions being recommended for the special use and said that both the wind turbine and solar panel meet the setback and location requirements. The height 11 feet 4 inches is a condition of the special use.

The advertising on the blades is technically not allowed under city code, however, Mr. Engberg noted that the Economic Development Committee was in favor of keeping the advertising since it was unique. This is being requested as part of the special use. Ms. Noble said if the Commission votes to approve, the code will need to be amended to allow other businesses the same opportunity. Commissioners said they were in favor of this type of signage and Mr. Williams stated this may open up future expansion for Mars.

Mr. Engberg also listed the four staff recommendations and Chairman Olson read the special use standards.

Action Item:

Special Use

Mr. Williams moved to approve the petition for special use permit and Mr. Vinyard seconded. Mr. Williams read the motion as follows: In consideration of testimony presented during a Public Hearing on January 8, 2020 and discussion of the findings of fact, the Planning and Zoning Commission recommends approval to the City Council a request for Special Use authorization to construct a freestanding solar energy system and wind turbine, on a M-1 Limited Manufacturing zoned property located at the entrance to the Wrigley Manufacturing Center on the east side of US Route 47, subject to staff recommendations in a memo dated December 31, 2019.

Roll call: Millen-yes, Olson-yes, Vinyard-yes, Williams-yes, Hyett-yes. Carried 5-0.

Additional Business

Mr. Engberg noted City Council approval of a recent Text Amendment and Final Plat.

Adjournment

There was no further business and the meeting was adjourned at 8:18pm on a voice vote.

Respectfully submitted by Marlys Young, Minute Taker

_	D7C - Dublic Hoarings - January 8 2020
	PZC - Public Hearings - January 8, 2020 — 1
1	
2	
3	
4	
5	
6	UNITED CITY OF YORKVILLE
7	YORKVILLE, ILLINOIS
8	
9	
10	PLANNING AND ZONING COMMISSION
11	PUBLIC HEARING
12	
13	
14	
15	
16	
17	800 Game Farm Road
18	Yorkville, Illinois
19	
20	
21	Wednesday, January 8, 2020
22	7:00 p.m.
23	
24	

D7C Dublic Hoorings Tanuary 9 2020	
P2C - Public Hearings - January 8, 2020	2
PRESENT:	
Mr. Jeff Olson, Chairman,	
Mr. Richard Vinyard,	
Mr. Danny Williams,	
Mr. Rusty Hyett,	
Mr. Greg Millen.	
ALSO PRESENT:	
Ms. Krysti Barksdale-Noble, Community	
Development Director;	
Mr. Jason Engberg, Senior Planner;	
Ms. Marlys Young, Minute Taker.	
	Mr. Jeff Olson, Chairman, Mr. Richard Vinyard, Mr. Danny Williams, Mr. Rusty Hyett, Mr. Greg Millen. ALSO PRESENT: Ms. Krysti Barksdale-Noble, Community Development Director; Mr. Jason Engberg, Senior Planner;

(WHEREUPON, the following proceedings were in public hearing:)

CHAIRMAN OLSON: There are four public hearings scheduled for tonight's Planning and Zoning Commission meeting.

The purpose of this hearing is to invite testimony from members of the public regarding the proposed requests that are being considered before the Commission tonight.

Public testimony from persons

present who wish to speak may be for or may be

against the request, or to ask questions of the

petitioner regarding the request being heard.

Those persons wishing to testify tonight or ask questions are asked to speak clearly, one at a time, state your name, who you represent. You are also asked to sign in at the podium.

If you plan to speak during tonight's public hearing as a petitioner or as a member of the public and if you would like to ask questions, I would like you to as well, please stand now, raise your right hand, repeat after

MS. YOUNG: Yes. Millen.

24

Petitioner has filed an application with the United City of Yorkville, Kendall County, Illinois, requesting Special Use permit approval to install and operate a solar farm with more than one free-standing solar energy system on approximately 7.4 acres of land consisting of roughly 6400 solar modules.

The real property is located in the O Office District over by John Street and Beecher Road at the Kendall County Government Campus in Yorkville.

Also up for discussion is PZC

2019-30, CalAtlantic Group, Incorporated, a fully owned subsidiary of Lennar Homes, petitioner, has filed an application with the United City of Yorkville, Kendall County, Illinois, requesting amendment to the Raintree Village PUD agreement to reduce the minimum side yard setbacks for Lots 264 through 282 from ten feet to six feet for new construction townhomes within the Raintree Village development. The real property is generally located east of Illinois Route 47, south of Illinois Route 71, immediately west of Illinois Route 126 in Yorkville, Illinois.

Finally up for discussion is

PZC 2019-31, Brian Werner of Continental

Electric, representing Wrigley Manufacturing,

petitioner, has filed an application with the

United City of Yorkville, Kendall County,

Illinois, requesting Special Use Permit approval

to install and operate a free-standing solar

energy system and free-standing wind energy

system at 2800 North Bridge Street, which is also

47. The real property, zoned as M-1 Limited

Manufacturing District, is located on the east

side of Illinois Route 47, south of the Sante Fe

underpass, and north of Cannonball Trail.

The petitioner is requesting for a single stationary solar panel and single vertical wind turbine to be located near the front of the property to power an illuminated sign.

With that being said, Krysti, would you please present for 2019-28?

MS. NOBLE: Sure. As you can recall, at about this time last year we approved a new amendment to our Zoning Ordinance that stipulated regulation for mobile food vendors and retail vendors, and that went over really well.

We have different categories, one for private property, one for public property, and then food truck rallies, which is three -- more than three food trucks.

We found out, though, that our regulations on private property -- not the zoning regulations, but the registration regulations, that would require individuals who wanted to do a food truck on private property would have to come in and get a certificate of registration through the clerk's office.

CHAIRMAN OLSON: Municipal license basically?

MS. NOBLE: Correct. And through that process it required a fee of \$25 for the first truck, \$10 each for each additional truck, and it also required a background check, which included fingerprinting.

We don't do fingerprinting here, we sent that out to the state, so we had to wait for the Illinois State Police to give us those results back. It takes at a minimum two weeks, and what we found is that the applicants were either dropping applications or just dropping out

of events completely, so they contacted the clerk's office, asked if we can re-evaluate the procedures for approval.

We reached out to some communities, specifically Oswego, who has almost a similar ordinance, and they do not do fingerprinting and background checks.

We also reached out to the police department and they were not opposed to eliminating that because they don't do individual background checks on private property for -- if you have a restaurant for all the new employees, so they were okay with it.

CHAIRMAN OLSON: Contractors.

MS. NOBLE: Correct. So what we are proposing tonight is eliminate the phrase that requires obtaining a certificate of registration as part of the zoning process.

The clerk separately is going to revise their section of the ordinance which talks about the fee requirement, and tonight you have a draft ordinance before you, and if you have any questions, let me know.

We also have shown how we are

2

3

5

6

7

8

9

10

11

12

13

14

15

16

19

20

21

22

23

24

striking on our, you know, informational hand-out those particular sections, so it only affects on private property. We still will be doing background checks on public property and food truck rallies. CHAIRMAN OLSON: Okay. Is there anyone present from the public tonight that wants to speak in favor of the request? (No response.) CHAIRMAN OLSON: Is there anyone who would like to speak in opposition to the request? (No response.) CHAIRMAN OLSON: Is there any question from Commission members? MR. HYETT: The background checks, who

pays for those?

MS. NOBLE: So the applicant pays for

MS. NOBLE: So the applicant pays for them, so that's what the \$25 fee was.

MR. HYETT: And that's to the state?

MS. NOBLE: Yes.

CHAIRMAN OLSON: Anybody else?

(No response.)

CHAIRMAN OLSON: Is the petitioner for

PZC 2019-29, GRNE Solar, present and prepared to make a presentation?

DANIEL J. KRAMER,

having been first duly sworn, testified from the podium as follows:

MR. KRAMER: Good evening. My name is

Daniel J. Kramer. My address is 1107A South

Bridge Street, Yorkville, Illinois. I am a

licensed attorney to practice in Illinois and I

represent GRNE and Kendall County in this

application, so it's nice seeing everybody in the

new year.

We spent some time together a couple meetings last year; the special use was approved. The good news is the county and GRNE were successful in getting a government grant for the facility.

One of the bad things that happened to them, and one of the things that we came to you folks last year and said this was going to save our citizens money, and the grant was going to cover the process without burdening taxpayers with a lot of costs, unfortunately in a year's time, prices go up, and when they went back and

2

3

5

6

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

got quotes for fencing compared to when we were here last year, the prices on the vinyl went through the roof, which would involve the county hitting our local taxpayers with quite a bit of additional cost, so the city, not having a precise procedure in its ordinance to just come in and amend a special use, staff agreed with the petitioners, that basically asks for a new special use, and in effect we are asking you to reapprove the old special use with two simple changes: One, allowing to go to a total opaque wooden fence, same height, same all the way around the perimeter location, same -- in the sense of there will be landscaping and so on, so simply a change in material; the second part of it was we have made commitments to the owners on the south and we're not changing an iota there, but we are asking on the west to scale back some of the landscaping.

I've been working with the gentleman from Renaissance Property Management over the last couple weeks and talked to him before the first of the year revising the landscaping, and we did come to an agreement this afternoon and

we've passed out the drawing, and I believe Jason has it at your seats, where there would be a solid row of I believe they called them winterberry trees, it's kind of in-between a tree and a shrub, and that would virtually be a solid row outside the fence on the west side.

They would put some oaks intermittent in there, and also we added this afternoon in working with Calvin from Renaissance Evergreens as well, and he said look, with those changes, we don't have an objection, so those were the two things we're asking you to recommend to the City Council to change, and we would appreciate positive recommendation to the City Council of in effect approving the new old special use with those two modifications.

CHAIRMAN OLSON: All right. Is there anyone who wishes to speak in favor of the proposed request?

JIM SMILEY,

having been first duly sworn, testified from the podium as follows:

MR. SMILEY: Man. My name is Jim Smiley. I live at 302 Park Street, Yorkville,

Illinois. I represent Kendall County, and we are in favor of the proposed changes.

CHAIRMAN OLSON: Thank you. Is there anyone who wishes to speak in opposition to the request?

MS. SNYDER: Just a question?

CHAIRMAN OLSON: Sure.

MARY SNYDER,

having been first duly sworn, testified from the podium as follows:

MS. SNYDER: Good evening. My name is Mary Snyder. I am a resident at Blackberry Woods subdivision.

I guess my concern has gone from vinyl to wood, what is it -- How are we going to be assured that that's going to be maintained, and I guess second, do you have a picture then of where these trees are going to be or these shrubs? If we could see that for reassurance.

CHAIRMAN OLSON: So there is two questions; the first is the -- how do we maintain -- how do we ensure that the wood fence is properly kept up.

MS. SNYDER: Yes.

CHAIRMAN OLSON: That is my same 1 2 concern. Would you please explain? MS. NOBLE: The petitioner can explain. 3 MR. KRAMER: Do you want to get totally 4 5 done? 6 MS. SNYDER: Those -- I'm done. CHAIRMAN OLSON: No, go ahead, please. 7 I don't want to interrupt. 8 MR. KRAMER: 9 Us attorneys can be bad. 10 Dan Kramer, again, for the petitioner. With respect to maintenance, when 11 12 the old special use ordinance was passed, the 13 petitioner and the county were both charged with maintenance of the vinyl, and they will be 14 15 charged with maintaining the wood throughout the 16 life of it as well. 17 In the staff report, Jason was very thorough and said staff would support the 18 modification to wood with a must -- not may --19 20 maintain the fence, so again, both petitioners are on the hook for that, and that language will 21 22 be the ordinance, Mr. Chairman. 23 As to the landscaping, there is no 24 change from the original plan on the south, east, or north, the only change is on the west.

CHAIRMAN OLSON: Do you happen to remember what the spacing is? It says 50 in that space, but I didn't take what the line is.

MR. KRAMER: I honestly don't on the south, but my understanding is when the staff does the new ordinance, they would incorporate all the old exhibits into the new one, with only adding this modification on the west.

MR. WILLIAMS: And then would the petitioner be responsible for the landscaping as well?

MR. KRAMER: Absolutely.

MR. WILLIAMS: Okay, that's fine.

CHAIRMAN OLSON: If something dies, they have to go out and replace it.

MR. WILLIAMS: That's what I'm worried about, because it looks like they're getting planted a little bit close.

CHAIRMAN OLSON: Yeah.

MR. KRAMER: And the county, again, with GRNE being the operator and installing, they have a very detailed contract with GRNE of what the county's responsibilities are and GRNE, and I

believe -- and Krysti or Jason could pipe up on this better than I -- the county actually has a bond requirement of the petitioner in their agreement. I can't remember if you did in yours or not, Krysti.

MS. NOBLE: We didn't want to double bond them, so -- but as part of the de-commissioning, they do have a bond.

MR. KRAMER: Yeah, and I remember the discussion about not doubling up, but I believe the county agreed it would be part of your exhibit in your ordinance here.

MR. WILLIAMS: Thank you.

MR. KRAMER: Thank you. And if the lady who just testified gives me an email, I can forward to her the original landscape plan that would be adjacent to Blackberry Woods, so she can see that in color.

CHAIRMAN OLSON: Thank you.

MS. SNYDER: Okay. I will do that.

MS. BRAKAUSKAS: So does anybody have a plan to look at, like the entire solar panel?

MS. NOBLE: We do. It's on our website, so if you go to Yorkville.IL.US, you can do a

search for GRNE or you can just go to the

Community Development page. All the packet

materials that the Commissioners see tonight have

been posted, and they have been posted for about

a week now.

CHAIRMAN OLSON: There's both 2-D drawings, where you're looking at it from overhead, and they also have 3-D renderings, showing what the landscape will look like mature in relation to the fence, in relation to the solar farm. It's a pretty -- it's a pretty darn good drawing when you look at it.

MS. BRAKAUSKAS: So if your house backs up to that nursery that's there now, is there going to be fencing all the way around it?

MS. NOBLE: Yes.

CHAIRMAN OLSON: Yes. All four sides of that solar farm will have --

MS. BRAKAUSKAS: And they are proposing to make fencing all the way around --

CHAIRMAN OLSON: Yes, ma'am.

MS. BRAKAUSKAS: -- instead of vinyl?

CHAIRMAN OLSON: Yes, ma'am.

MS. BRAKAUSKAS: And what does that do

as far as noise reduction?

1

2

3

5

6

8

9

10

11

15

16

17

18

19

on.

CHAIRMAN OLSON: Well, the noise versus the vinyl and the wood shouldn't cause any difference because they are both noise abatement, right? Having that in place would stop noise.

The farm itself, if I remember from the last presentation, the motors, the small motors on the units, are the only things that actually generate sound.

There is a central unit or something that's in the center of the farm?

12 MR. KRAMER: I can have Eric testify to 13 that.

14 CHAIRMAN OLSON: Yeah, would you mind?

MR. KRAMER: Eric, if you could step up about the noise question.

MS. BRAKAUSKAS: Sorry, I am playing catch-up here.

CHAIRMAN OLSON:

20 MS. BRAKAUSKAS: We moved in

after-the-fact and we didn't know this is going 21 22

23 CHAIRMAN OLSON: We are happy when 24 people ask questions, so

ERIC PETERMAN,

having been first duly sworn, testified from the podium as follows:

MR. PETERMAN: Eric Peterman, GRNE

Solar. I live at 166 South Bothwell Street in

Palatine, Illinois.

Yeah, it was discussed the last time, but just to bring everybody up to speed -thank you for the questions, by the way -- noise relative to the location of where the homes are is essentially going to be non-existent because of the distance.

any sort of noise are the motors that turn the racking system and those are all located at the center of the array that I believe are three to 400 feet distance from the nearest backyard, so there wouldn't be -- the fence change from the vinyl to the wood wouldn't really do much, as the chairman said, but the noise wouldn't be able to be heard from the residences anyway.

CHAIRMAN OLSON: It was brought up when we first spoke about it. I wouldn't want something that's making noise every hour on the

hour in my backyard either, but it's a 1 2 sufficient distance away that you won't be able to hear it. 3 MR. WILLIAMS: I believe from the packet it said the decimal limit is about as much as a 5 fridge running --6 MS. NOBLE: Yes. MR. WILLIAMS: -- so if you imagine a 8 9 fridge running in your kitchen --10 CHAIRMAN OLSON: At 400-foot. 11 MR. WILLIAMS: -- and you're 400-foot 12 away from it, can you hear it? Not really. 13 So --MS. NOBLE: And for the record, I'm 14 15 sorry, can we have your name? 16 CHAIRMAN OLSON: Yeah, I'm sorry. 17 MS. BRAKAUSKAS: Sorry. My name is Beth Brakauskas. I live 967 North Carly Circle. 18 19 MS. NOBLE: Thank you. 20 CHAIRMAN OLSON: Thank you. 21 MR. ENGBERG: I want to add really 22 quick, online, if you go and look all that up, all of the previous materials from the last time 23 24 we did this a year ago are attached to that

packet as well, so you can actually go back and read the memos, and they had specific measurements on how far away the solar panels will be from the back houses and all that information is there as well.

CHAIRMAN OLSON: So the way this works is, if we were to approve this modification to the special use, it then goes to the City Council for approval, so there is time to review the materials and talk to your alderman or go to the City Council meeting.

MS. BRAKAUSKAS: From an aesthetic perspective, I would rather see a vinyl fence than wood because after about six years, wood rots and falls apart very quickly.

CHAIRMAN OLSON: Is there anyone else who wishes to speak in opposition to the request or ask questions? Yes, sir.

MR. CHILDRESS: Not in opposition.

CHAIRMAN OLSON: Sure, go ahead.

CHRIS CHILDRESS,

having been first duly sworn, testified from the podium as follows:

MR. CHILDRESS: Chris Childress, I work

with Kendall County, and I just want to make it clear on this landscaping thing, it really was kind of an a-ha moment.

There's about \$150,000 in additional costs which are going to be borne by the taxpayer, so we're trying to go back and figure out how we can save the taxpayer those dollars, and that's just simply from the additional landscaping on the west side, not this changing on the south side, and going from vinyl to wood, and I went out -- you know, not that I don't trust GRNE, but I went out and got the numbers myself, and it's about 150,000 more dollars, so we kind of had an a-ha moment here.

We've going to cut down trees out of a 7.4-acre lot and then bring in new trees and put them on the west side when there are trees in that lot that can be reused, so we are repurposing some of the trees on that west side to, you know, create again, the barrier against the fence, number one.

Number two, the residents won't see anything actually inside because it's opaque and they won't see the field at all in operation, so

that's all I have.

1

2

3

4

5

6

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

CHAIRMAN OLSON: Thank you. All right.

Any other questions from Commissioners?

(No response.)

CHAIRMAN OLSON: All right. Because this is a special use, would the petitioner like to have your responses entered in?

MR. KRAMER: I think, without belaboring it, if somebody has specific questions, I'm happy to answer, but...

CHAIRMAN OLSON: Thank you. Is the petitioner for PZC 2019-30, CalAtlantic Group, present and prepared to make a presentation?

RICK MURPHY,

MR. MURPHY: Yes.

having been first duly sworn, testified from the podium as follows:

MR. MURPHY: Good evening. My name is Rick Murphy from Lennar Homes, 1141 East Main Street, East Dundee, Illinois.

I want to thank the Plan Commission and City Council and staff for past and present courtesies. We appreciate the ability to discuss our case here.

We are here for two matters essentially. As you maybe recall, we are the purchaser of 366 home sites at Raintree Village, which was basically on the shelf for at least 10 years.

It's a mix of single family, duplex, and townhome sites developed in a different day and time, and what we found, as you know, we're adapting to the site, the grading conditions, the lot widths and so forth, and so let's start with our first request, is basically replatting the townhome sites, and it's more of a function of the form of ownership going to fee simple.

We didn't change any geometries within the plat, it was purely how to handle it in a condo-style ownership as exceptions to the blanket easements, so you have very large lots within the block and they call it exceptions to blanket easement where they place the townhomes.

What's really changed in the interim since those days, we generally do fee simple, which is actually a lot -- you create a lot in that same exact area, the building goes in there, and the ownership is divided by the surveyor, so

none of the separation requirements, we're not asking for any changes in that, we're not changing position in any of those envelopes, so we view this as basically almost administrative, but I know since you are technically creating a lot in there, that's why we're here, so that's number one.

Number two is side yard setback requirements in Unit 4. Now, I don't know if you've seen your site plan, but you will notice that duplex home sites that we have acquired, I think it was -- Krysti, remind me on the count here, it's a total of oh, boy, 58 I think.

MS. NOBLE: Well, total, but you acquired -- you are asking for 34.

MR. MURPHY: Right, 34. And out of the 34, we are not asking for variances across the whole site, we have decided to stay out of Unit 3 where the home sites are already in existence, so we're not asking any relief there, and with those existing home sites, you almost have to on a duplex build a two story or one story together or two two-stories just by virtue of the fact that a ranch home does take a -- it does have a wider

footprint and so you are constrained there, so our proposed building and mix in there, actually in both parts, Units 3 and 4, do consist of some one or two-story type buildings both in one building. The other option you can have is two two-story units.

CHAIRMAN OLSON: This setback is just for the townhomes, correct?

MR. MURPHY: No, it's actually for the duplexes --

MS. NOBLE: Duplexes, 17 lots.

MR. MURPHY: -- a very specific set of lots in Unit 4 where there is basically no neighbors -- no neighboring duplex units except for our own lots that would be for sale, so we're not asking for it across the board, and I don't know if you see your Exhibit D out of your proposal, and it looks like this.

If you look at the -- at the south area, these are all vacant lots. In fact, the city has the neighborhood blocked off with barrier, okay, so these are the lots. I think we're talking about 19 --

MS. NOBLE: 17.

MR. MURPHY: -- lots, 38 homes, 38 individual units. We cannot -- we could not really fit a side-by-side ranch product.

And the other issue -- thing I want to remind everybody, which you probably don't know, from an engineering standpoint, these are -- these are look-out and walk-out units, which means we have to build basements, so there is even more square footage in the basements, so they will be fairly expensive to build, but we are just trying to adapt to the market.

MR. MURPHY: Well, we definitely see a segment that would like to buy this product. So that's kind of where we're at with that, so, you know, I'm here for any more questions if you think I have, you know, rushed through this or missed anything.

MS. NOBLE: For clarification purposes, the public hearing portion is only for the PUD amendment; the final plat will be discussed later. It does not require a public hearing process.

CHAIRMAN OLSON: So just for the 1 2 setbacks? MS. NOBLE: Just for the setbacks, yes. 3 CHAIRMAN OLSON: First, are there any --4 5 is there anyone in the public who wishes to speak 6 in favor of the request? 7 (No response.) 8 CHAIRMAN OLSON: Is there anyone present 9 who wishes to speak in opposition to the request? 10 (No response.) 11 CHAIRMAN OLSON: Questions? 12 (No response.) 13 CHAIRMAN OLSON: My questions are how many single family homes are currently in Unit 4 14 15 built, complete? 16 MR. MURPHY: There are no single family homes in Unit 4. Unit 4 is strictly a mix of 17 townhome and duplex units. 18 Five townhome buildings are already 19 20 built and we will complete the rest of them, so

Five townhome buildings are already built and we will complete the rest of them, so if you look at Unit 4, we have 108 total units remaining to be built, and do the math here -- well, I think we did that, 38 individual units for the duplex, so the neighborhoods are kind of

21

22

23

24

separated, you know. It's not single family --1 2 Single family is restricted to Units 1 through --1, 2, 3, 5 and 6. I don't know even if it's 3 Unit 3. Actually I think there are. Sorry. 5 CHAIRMAN OLSON: No, okay. Thank you. 6 Any questions from you? 7 (No response.) CHAIRMAN OLSON: Thank you. 8 Is the petitioner for PZC 2019-31 Continental Electric, 9 10 representing Wrigley Manufacturing, present? 11 BRIAN WERNER, 12 having been first duly sworn, testified from the 13 podium as follows: MR. WERNER: Brian Werner, Continental 14 15 Electric. I am here for acceptance of a special 16 use for wind turbine and solar array to power the sign for the front of the Wrigley Manufacturing 17 building on Route 47. 18 Basically a little history of it is 19 20 the building was built in 1992 and a couple years ago the line that is trenched out to the sign 21 22 failed and it struck buried cable. 23 In discussions with Wrigley we

talked about retrenching a new line out there,

24

but with Wrigley's and Mars' push to have more of a -- they are continually trying to be -- have a more green process, save on water, save on electricity, save on energy making the -- in making their products, we decided to propose putting in the wind turbine and solar array out there to power the sign. Nobody ever -- it never got any traction.

The family, the Mars family, came for a visit in August, and the last time they were here was 2014, they came to me at the end of June and said can you make this happen, and it was all we could do to get it done, and we overlooked the fact it needed a special use permit, so we're going through the process now and we would like to be granted permission to leave it in place.

CHAIRMAN OLSON: Was a permit applied for at all?

MS. NOBLE: When they went through the process now, but not initially, no.

MR. WERNER: Not prior to when we did it.

24 CHAIRMAN OLSON: Gotcha.

MR. ENGBERG: They had a building permit 1 2 for the sign. CHAIRMAN OLSON: Okay, but not for 3 the -- back in -- The original sign or the 4 5 modification of the sign? 6 MR. WERNER: No, put a new sign up --MR. ENGBERG: They put a new sign up. 7 MR. WERNER: -- and we didn't realize it 8 required it for the wind turbine on the solar 9 10 array. 11 CHAIRMAN OLSON: I gotcha. All right. Is there anyone present who wishes to speak in 12 13 favor of the request? JOHN KEHOE, 14 15 having been first duly sworn, testified from the

podium as follows:

16

17

18

19

20

21

22

23

24

MR. KEHOE: Hi. My name is John Kehoe, I am a project engineer for Mars Wrigley, so I am definitely in favor of it.

Like Brian said, we were tasked with a lay project. As you guys -- some of you might know, Mars is still privately owned by the Mars family, they come out here not that often, so we wanted to give them something special to look at.

1

2

3

5

6

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

turbine up now?

There are graphics on the turbine that were brought up at the last meeting; those are not put on there for any type of advertising, that was simply something we wanted to do for our associates and also people driving by, that this is what's made here. There is four graphics that are on there, four products, and as people drive by without it, you have no idea what's made there. Before the sign really, people didn't even know what the building was and now they can see that Skittles, Juicy Fruit, all those are made there. Thank you. CHAIRMAN OLSON: Is there anyone present who wishes to speak in opposition to the request? (No response.) CHAIRMAN OLSON: Seeing as there are none, is there any questions from the commissioners? MR. HYETT: Is this sign up? Is the

MR. HYETT: I thought I drove up a few

CHAIRMAN OLSON: Yeah.

weeks later and it was not there.

1

3

5

6

8

9

10

11

12

13

14

15

16

17

18

19

20

23

24

2 MR. WERNER: We actually took it down.

We were doing some rework on the actual generator itself.

MR. HYETT: I even noticed it, where is it.

MR. WERNER: We took it down.

MS. BRAKAUSKAS: I noticed it. I drive by it all the time. I think it's kind of nice.

CHAIRMAN OLSON: Because this is a special use, would the petitioner like to have your responses to the standards entered into the public record? Generally we put them in. Yes.

MR. WERNER: All right.

CHAIRMAN OLSON: All right. Since all public testimony regarding these petitions has been taken tonight, may I have a motion to close the taking of testimony and this public hearing?

MR. VINYARD: So moved.

MR. WILLIAMS: Second.

21 CHAIRMAN OLSON: Roll call vote on the 22 motion, please.

MS. YOUNG: Millen.

MR. MILLEN: Yes.

Vitosh Reporting Service

ļ	PZC - Public Hearings - January 8, 2020
	35
1	MS. YOUNG: Olson.
2	CHAIRMAN OLSON: Yes.
3	MS. YOUNG: Vinyard.
4	MR. VINYARD: Yes.
5	MS. YOUNG: Williams.
6	MR. WILLIAMS: Yes.
7	MS. YOUNG: And Hyett.
8	MR. HYETT: Yes.
9	MS. YOUNG: Thank you.
10	CHAIRMAN OLSON: All right. The public
11	hearing portion of tonight's meeting is closed.
12	(Which were all the
13	proceedings had in
14	public hearing portion
15	of the meeting.)
16	000
17	
18	
19	
20	
21	
22	
23	
24	

STATE OF ILLINOIS)

(COUNTY OF LASALLE)

I, Christine M. Vitosh, a Certified Shorthand Reporter, do hereby certify that I transcribed the proceedings had at the pubic hearing and that the foregoing, Pages 1 through 36, inclusive, is a true, correct and complete computer-generated transcript of the proceedings had at the time and place aforesaid.

I further certify that my certificate annexed hereto applies to the original transcript and copies thereof, signed and certified under my hand only. I assume no responsibility for the accuracy of any reproduced copies not made under my control or direction.

As certification thereof, I have hereunto set my hand this 31st day of January, A.D., 2020.

Christine M. Vitosh, CSR Illinois CSR No. 084-002883

	-PZC - Public	Hearings - Ja	anuary 8, 2020) ————
\$	4	added [1] - 13:8	attorneys [1] - 15:9	built [4] - 29:15,
Ą	4	adding [1] - 16:9	August [1] - 31:10	29:20, 29:22, 30:20
		additional [4] - 8:16,	ragast[i] on is	burdening [1] - 11:22
\$10 [1] - 8:16	4 [7] - 26:9, 27:3,	12:5, 23:4, 23:8	В	buried [1] - 30:22
\$150,000 [1] - 23:4	27:13, 29:14, 29:17,	address [1] - 11:7	D	business [2] - 5:18,
\$25 [2] - 8:15, 10:19	29:21	adjacent [1] - 17:17		5:20
7-0[-],	400 [1] - 20:17	• • • • • • • • • • • • • • • • • • • •	background [5] -	but [1] - 24:10
0	400-foot [2] - 21:10,	administrative [1] - 26:4	8:17, 9:7, 9:11, 10:4,	
0	21:11	-	10:16	buy [1] - 28:15
	47 [4] - 6:22, 7:10,	advertising [1] - 33:3	backs [1] - 18:13	
084-002883 [1] - 36:20	7:12, 30:18	aesthetic [1] - 22:12	backyard [2] - 20:17,	С
	7.12, 00.10	affects [1] - 10:2	21:1	
1	5	aforesaid [1] - 36:9	bad [2] - 11:18, 15:9	cable [1] - 30:22
-	_ 3	after-the-fact [1] -	Barksdale [1] - 2:9	CalAtlantic [3] - 4:16,
		19:21	Barksdale-Noble [1] -	6:13, 24:12
1 [3] - 30:2, 30:3, 36:6	5 [1] - 30:3	afternoon [2] - 12:24,	2:9	Calvin [1] - 13:9
10 [1] - 25:5	50 [1] - 16:3	13:9	barrier [2] - 23:20,	Campus [1] - 6:10
108 [1] - 29:21	58 [1] - 26:13	ago [2] - 21:24, 30:21	27:22	Cannonball [1] - 7:13
1107A [1] - 11:7		agreed [2] - 12:7,	basements [2] - 28:8,	cannot [1] - 28:2
1141 [1] - 24:19	6	17:11	28:9	Carly [1] - 20.2
126 [1] - 6:24		agreement [3] - 6:17,	Beecher [1] - 6:9	• • •
150,000 [1] - 23:13		12:24, 17:4		case [1] - 24:24
166 [1] - 20:5	6 [1] - 30:3	ahead [2] - 15:7, 22:20	behalf [1] - 5:23	catch [1] - 19:18
17 [2] - 27:11, 27:24	6400 [1] - 6:7	alderman [1] - 22:10	belaboring [1] - 24:8	catch-up [1] - 19:18
19 [1] - 27:23		allowing [1] - 12:11	Beth [1] - 21:17	categories [1] - 8:1
1992 [1] - 30:20	7	almost [3] - 9:5, 26:4,	better [1] - 17:2	center [2] - 19:11,
		26:21	between [1] - 13:4	20:16
2		ALSO [1] - 2:8	bit [2] - 12:4, 16:19	central [1] - 19:10
_	7.4 [1] - 6:6	amend [1] - 12:7	Blackberry [2] - 14:12,	certificate [3] - 8:10,
	7.4-acre [1] - 23:16	amendment [6] - 4:13,	17:17	9:17, 36:10
2 [1] - 30:3	71 [1] - 6:23	5:14, 5:17, 6:17,	blanket [2] - 25:17,	certification [1] -
2-D [1] - 18:6	7:00 [1] - 1:22	7:22, 28:22	25:19	36:16
2014 [1] - 31:11		AND [1] - 1:10	block [1] - 25:18	Certified [1] - 36:3
2019-28 [3] - 4:13,	8	annexed [1] - 36:10	blocked [1] - 27:21	certified [1] - 36:12
5:12, 7:19		answer [1] - 24:10	board [1] - 27:16	certify [2] - 36:4,
2019-29 [3] - 4:14,	8 [1] - 1:21	anyway [1] - 20:21	bond [3] - 17:3, 17:7,	36:10
5:22, 11:1		apart [1] - 22:15	17:8	Chairman [2] - 2:2,
2019-30 [3] - 4:15,	800 [1] - 1:17	applicant [1] - 10:18	borne [1] - 23:5	15:22
6:13, 24:12	•	applicants [1] - 8:23	Bothwell [1] - 20:5	chairman [1] - 20:20
2019-31 [3] - 4:17, 7:2,	9	application [4] - 6:1,	boy [1] - 26:13	CHAIRMAN [61] - 3:4,
30:9		6:15, 7:4, 11:11	BRAKAUSKAS [10] -	4:3, 4:22, 5:3, 5:10,
2020 [2] - 1:21, 36:17	967 [1] - 21:18		17:21, 18:13, 18:19,	8:12, 9:14, 10:6,
264 [1] - 6:19		applications [1] - 8:24	18:22, 18:24, 19:17,	10:10, 10:14, 10:22,
2800 [1] - 7:9	Α	applied [1] - 31:18	19:20, 21:17, 22:12,	10:24, 13:17, 14:3,
282 [1] - 6:19		applies [1] - 36:11	34:8	14:7, 14:20, 15:1,
		appreciate [2] - 13:14,	Brakauskas [1] -	15:7, 16:2, 16:15,
3	a-ha [2] - 23:3, 23:14	24:23	21:18	16:20, 17:19, 18:6,
	A.D [1] - 36:17	approval [4] - 6:4, 7:6,	Brian [3] - 7:2, 30:14,	18:17, 18:21, 18:23,
	abatement [1] - 19:4	9:3, 22:9	32:20	19:2, 19:14, 19:19,
3 [6] - 4:13, 5:14,	ability [1] - 24:23	approve [1] - 22:7	BRIAN [1] - 30:11	19:23, 20:22, 21:10,
26:18, 27:3, 30:3,	able [2] - 20:20, 21:2	approved [2] - 7:21,	Bridge [2] - 7:9, 11:8	21:16, 21:20, 22:6,
30:4	absolutely [1] - 16:13	11:15	bring [2] - 20:8, 23:16	22:16, 22:20, 24:2,
3-D [1] - 18:8	acceptance [1] - 30:15	approving [1] - 13:15	brought [2] - 20:22,	24:5, 24:11, 27:7,
302 [1] - 13:24	accuracy [1] - 36:14	area [2] - 25:23, 27:20	33:2	28:12, 29:1, 29:4,
31st [1] - 36:17	acquired [2] - 26:11,	array [4] - 20:16,	build [3] - 26:22, 28:8,	29:8, 29:11, 29:13,
34 [3] - 26:15, 26:16,	26:15	30:16, 31:6, 32:10	28:10	30:5, 30:8, 31:18,
26:17	acres [1] - 6:6	associates [1] - 33:5	building [7] - 25:23,	31:24, 32:3, 32:11,
36 [1] - 36:6	actual [1] - 34:3	assume [1] - 36:13	27:2, 27:5, 30:18,	33:14, 33:18, 33:23,
366 [1] - 25:3	adapt [1] - 28:11	assured [1] - 14:16	30:20, 32:1, 33:11	34:10, 34:15, 34:21,
38 [3] - 28:1, 29:23	adapting [1] - 25:9	attached [1] - 21:24	buildings [2] - 27:4,	35:2, 35:10
	add [1] - 21:21	attorney [1] - 11:9	29:19	change [6] - 12:15,
			300	

-PZC - Public Hearings - January 8, 2020-

13:13, 15:24, 16:1, 20:18, 25:14 changed [1] - 25:20 changes [4] - 12:11, 13:11, 14:2, 26:2 changing [3] - 12:17, 23:9, 26:3 Chapter [2] - 4:13, 5:14 charged [2] - 15:13, 15:15 check [1] - 8:17 checks [4] - 9:7, 9:11, 10:4, 10:16 CHILDRESS [3] -22:19, 22:21, 22:24 Childress [1] - 22:24 CHRIS [1] - 22:21 Chris [1] - 22:24 Christine [2] - 36:3, 36:20 Circle [1] - 21:18 citizens [1] - 11:21 City [9] - 5:12, 6:2, 6:15, 7:5, 13:13, 13:14, 22:8, 22:11, 24:22 CITY [1] - 1:6 city [2] - 12:5, 27:21 clarification [1] -28:20 clear [1] - 23:2 clearly [1] - 3:17 clerk [1] - 9:19 clerk's [2] - 8:11, 9:2 close [2] - 16:19, 34:17 closed [1] - 35:11 **color** [1] - 17:18 **Commission** [4] - 3:6, 3:10, 10:15, 24:21 COMMISSION [1] -1:10 commissioners [1] -33:20 Commissioners [2] -18:3, 24:3 commissioning [1] -17:8 commitments [1] -12:16 communities [1] - 9:4 Community [2] - 2:9, compared [1] - 12:1 complete [3] - 29:15, 29:20, 36:7 completely [1] - 9:1 computer [1] - 36:7

computer-generated

[1] - 36:7 concern [2] - 14:14, 15:2 conditions [1] - 25:9 condo [1] - 25:16 condo-style [1] -25:16 conducting [1] - 5:19 considered [1] - 3:10 consist [1] - 27:3 consisting [1] - 6:6 constrained [1] - 27:1 construction [1] -6:20 contacted [1] - 9:1 Continental [4] - 4:17, 7:2, 30:9, 30:14 continually [1] - 31:2 contract [1] - 16:23 contractors [1] - 9:14 control [1] - 36:15 copies [2] - 36:12, 36:14 correct [4] - 8:14, 9:15, 27:8, 36:7 cost [1] - 12:5 costs [2] - 11:23, 23:5 Council [5] - 13:13, 13:15, 22:8, 22:11, 24:22 count [1] - 26:12 County [9] - 5:13, 5:23, 6:3, 6:10, 6:16, 7:5, 11:10, 14:1, 23:1 county [6] - 11:15, 12:3, 15:13, 16:21, 17:2, 17:11 COUNTY [1] - 36:2 county's [1] - 16:24 couple [3] - 11:14, 12:22, 30:20 courtesies [1] - 24:23 cover [1] - 11:22 create [2] - 23:20, 25:22 creates [1] - 20:13 creating [1] - 26:5 CSR [2] - 36:20, 36:20

D

Dan [1] - 15:10 DANIEL [1] - 11:3 Daniel [1] - 11:7 Danny [1] - 2:4 darn [1] - 18:11 days [1] - 25:21

cut [1] - 23:15

de [1] - 17:8 de-commissioning [1] - 17:8 decided [2] - 26:18, 31:5 decimal [1] - 21:5 definitely [2] - 28:14, 32:19 department [1] - 9:9 detailed [1] - 16:23 developed [1] - 25:7 development [1] -6.21 Development [2] -2:10, 18:2 dies [1] - 16:15 difference [1] - 19:4 different [2] - 8:1, 25:7 direction [1] - 36:15 Director [1] - 2:10 discuss [1] - 24:23 discussed [2] - 20:7, 28:22 discussion [5] - 5:11, 5:21, 6:12, 7:1, 17:10 discussions [1] -30:23 distance [3] - 20:12, 20:17, 21:2 District [2] - 6:9, 7:11 divided [1] - 25:24 dollars [2] - 23:7, 23:13 done [3] - 15:5, 15:6, 31:13 double [1] - 17:6 doubling [1] - 17:10 down [3] - 23:15, 34:2, 34:7 draft [1] - 9:22 drawing [2] - 13:1, 18:12 drawings [1] - 18:7 drive [2] - 33:8, 34:8 driving [1] - 33:5 dropping [2] - 8:24 drove [1] - 33:24 duly [9] - 4:2, 11:4, 13:21, 14:9, 20:2, 22:22, 24:16, 30:12, 32:15 Dundee [1] - 24:20 duplex [6] - 25:6, 26:11, 26:22, 27:14, 29:18, 29:24

easement [1] - 25:19 easements [1] - 25:17 east [3] - 6:22, 7:11, 15:24 East [2] - 24:19, 24:20

East [2] - 24:19, 24:20 effect [2] - 12:9, 13:15 either [2] - 8:24, 21:1 Electric [4] - 4:17, 7:3, 30:9, 30:15 electricity [1] - 31:4 eliminate [2] - 5:17, 9:16 eliminating [1] - 9:10 email [1] - 17:15 employees [1] - 9:12 end [1] - 31:11 energy [4] - 6:5, 7:8, 31:4 Engberg [1] - 2:11 ENGBERG [3] - 21:21, 32:1, 32:7 engineer [1] - 32:18 engineering [1] - 28:6 ensure [1] - 14:22

entered [2] - 24:7, 34:12 entire [1] - 17:22 envelopes [1] - 26:3 ERIC [1] - 20:1 Eric [4] - 5:22, 19:12, 19:15, 20:4 essentially [2] - 20:11,

25:2 evaluate [1] - 9:2 evening [3] - 11:6,

14:11, 24:18

events [1] - 9:1 Evergreens [1] - 13:10 exact [1] - 25:23

except [1] - 27:14 exceptions [2] -25:16, 25:18 exhibit [1] - 17:12

Exhibit [1] - 27:17 exhibits [1] - 16:8 existence [1] - 26:19 existent [1] - 20:11

existing [1] - 26:21 expensive [1] - 28:10 explain [2] - 15:2, 15:3

F

facility [1] - 11:17 fact [4] - 19:21, 26:23, 27:20, 31:14 failed [1] - 30:22 fairly [1] - 28:10 falls [1] - 22:15 family [8] - 25:6, 29:14, 29:16, 30:1, 30:2, 31:9, 32:23 far [2] - 19:1, 22:3 farm [5] - 6:4, 18:11, 18:18, 19:6, 19:11 Farm [1] - 1:17 favor [7] - 4:7, 10:8, 13:18, 14:2, 29:6, 32:13, 32:19 Fe [1] - 7:12 fee [5] - 8:15, 9:21, 10:19, 25:13, 25:21 feet [3] - 6:19, 20:17 fence [8] - 12:12, 13:6, 14:22, 15:20, 18:10, 20:18, 22:13, 23:21 fencing [3] - 12:1, 18:15, 18:20 few [1] - 33:24 field [1] - 23:24 figure [1] - 23:6 filed [3] - 6:1, 6:15, 7:4 final [1] - 28:22 finally [1] - 7:1 fine [1] - 16:14 fingerprinting [3] -8:18, 8:19, 9:6 first [15] - 4:5, 8:15, 11:4, 12:23, 13:21, 14:9, 14:21, 20:2, 20:23, 22:22, 24:16, 25:11, 29:4, 30:12, 32:15 fit [1] - 28:3 five [1] - 29:19 folks [1] - 11:20 following [4] - 3:1, 4:6, 4:8, 5:11 **follows** [9] - 4:5, 11:5, 13:22, 14:10, 20:3, 22:23, 24:17, 30:13, 32:16 food [7] - 5:16, 5:19, 7:23, 8:3, 8:4, 8:9, 10:4 footage [1] - 28:9 footprint [1] - 27:1

foregoing [1] - 36:6

forward [1] - 17:16

four [4] - 3:4, 18:17,

free [3] - 6:5, 7:7, 7:8

free-standing [3] -

6:5, 7:7, 7:8

form [1] - 25:13

forth [1] - 25:10

33:7, 33:8

Vitosh Reporting Service

duplexes [1] - 27:10

Duplexes [1] - 27:11

during [2] - 3:20, 4:4

-PZC - Public Hearings - January 8, 2020 fridge [2] - 21:6, 21:9 5:10 invite [1] - 3:8 11:20, 12:2, 12:22, materials [3] - 18:3, height [1] - 12:12 19:7, 20:7, 21:23, front [2] - 7:16, 30:17 involve [1] - 12:3 21:23, 22:10 31:10, 33:2 Fruit [1] - 33:12 hereby [1] - 36:4 iota [1] - 12:17 math [1] - 29:22 hereto [1] - 36:11 lay [1] - 32:21 fully [1] - 6:13 issue [1] - 28:4 matters [1] - 25:1 function [1] - 25:12 itself [2] - 19:6, 34:4 least [1] - 25:4 mature [1] - 18:9 hereunto [1] - 36:16 leave [1] - 31:17 means [1] - 28:8 hi [1] - 32:17 Lennar [2] - 6:14, G history [1] - 30:19 J measurements [1] hitting [1] - 12:4 24:19 22.3 home [5] - 25:3, license [1] - 8:12 meeting [5] - 3:6, Game [1] - 1:17 January [2] - 1:21, 26:11, 26:19, 26:21, licensed [1] - 11:9 22:11, 33:2, 35:11, 36:17 General [2] - 4:14, life [1] - 15:16 35:15 26:24 Jason [4] - 2:11, 13:1, 5:14 Homes [2] - 6:14, limit [1] - 21:5 meetings [1] - 11:14 Generally [1] - 34:13 15:17, 17:1 24:19 Limited [1] - 7:10 member [1] - 3:22 generally [2] - 6:22, Jeff [1] - 2:2 homes [4] - 20:10, line [3] - 16:4, 30:21, members [2] - 3:8, 25:21 JIM [1] - 13:20 28:1, 29:14, 29:17 30:24 10:15 generate [1] - 19:9 Jim [1] - 13:23 honestly [1] - 16:5 live [3] - 13:24, 20:5, memos [1] - 22:2 generated [1] - 36:7 John [2] - 6:9, 32:17 hook [1] - 15:21 21:18 met [1] - 5:23 generator [1] - 34:3 **JOHN** [1] - 32:14 might [1] - 32:21 hour [2] - 20:24, 21:1 local [1] - 12:4 Juicy [1] - 33:12 gentleman [1] - 12:20 house [1] - 18:13 located [5] - 6:8, 6:22, millen [1] - 4:24 geometries [1] - 25:14 June [1] - 31:12 houses [1] - 22:4 7:11, 7:16, 20:15 Millen [2] - 2:6, 34:23 Gotcha [1] - 31:24 location [2] - 12:13, MILLEN [2] - 5:1, **HYETT** [7] - 5:9, gotcha [1] - 32:11 Κ 20:10 10:16, 10:20, 33:21, 34:24 government [1] -33:24, 34:5, 35:8 look [9] - 13:10, 17:22, mind [1] - 19:14 11.16 minimum [2] - 6:18, Hyett [3] - 2:5, 5:8, 18:9, 18:12, 21:22, **KEHOE** [2] - 32:14, Government [1] - 6:10 27:19, 28:7, 29:21, 35.7 8.22 32:17 grading [1] - 25:9 32:24 Minimum [1] - 4:16 Kehoe [1] - 32:17 grant [2] - 11:16, look-out [1] - 28:7 ı Minute [1] - 2:12 Kendall [9] - 5:12, 11:21 looking [1] - 18:7 missed [1] - 28:19 5:23, 6:2, 6:10, 6:16, granted [1] - 31:16 looks [2] - 16:18, mix [3] - 25:6, 27:2, 7:5, 11:10, 14:1, idea [1] - 33:9 graphics [2] - 33:1, 27:18 29:17 23:1 ILLINOIS [2] - 1:7, 33:7 mobile [2] - 5:16, 7:23 kept [1] - 14:23 36:1 green [1] - 31:3 M modification [4] kind [6] - 13:4, 23:3, Greg [1] - 2:6 Illinois [17] - 1:18, 15:19, 16:9, 22:7, 23:14, 28:16, 29:24, 5:13, 6:3, 6:16, 6:22, GRNE [11] - 4:14, 32.5 34:9 6:23, 6:24, 7:6, 7:12,**M-1** [1] - 7:10 5:22, 11:1, 11:10, modifications [1] kitchen [1] - 21:9 ma'am [2] - 18:21, 8:21, 11:8, 11:9, 11:15, 16:22, 16:23, 13:16 **KRAMER** [12] - 11:3, 14:1, 20:6, 24:20, 18:23 16:24, 18:1, 20:4, modules [1] - 6:7 11:6, 15:4, 15:8, 36:20 Main [1] - 24:19 23:12 moment [2] - 23:3, 16:5, 16:13, 16:21, Group [3] - 4:16, 6:13, illuminated [1] - 7:17 maintain [2] - 14:21, 23:14 17:9, 17:14, 19:12, imagine [1] - 21:8 15:20 24:12 money [1] - 11:21 19:15, 24:8 immediately [1] - 6:23 maintained [1] - 14:16 guess [2] - 14:14, Kramer [2] - 11:7, motion [4] - 4:11, in-between [1] - 13:4 14:17 maintaining [1] -4:23, 34:17, 34:22 15:10 included [1] - 8:17 15:15 guys [1] - 32:21 motors [3] - 19:7, Krysti [5] - 2:9, 7:18, inclusive [1] - 36:6 maintenance [2] -19:8, 20:14 17:1, 17:5, 26:12 15:11, 15:14 incorporate [1] - 16:7 Н moved [3] - 4:20. Incorporated [1] man [1] - 13:23 19:20, 34:19 L Management [1] -6:13 MR [58] - 4:20, 4:21, hand [4] - 3:24, 10:1, individual [3] - 9:10, 12:21 5:1, 5:5, 5:7, 5:9. 36:13, 36:17 Manufacturing [5] -28:2, 29:23 lady [1] - 17:14 10:16, 10:20, 11:6, hand-out [1] - 10:1 individuals [1] - 8:8 4:18, 7:3, 7:11, land [1] - 6:6 13:23, 15:4, 15:8, handle [1] - 25:15 **information** [1] - 22:5 30:10, 30:17 landscape [2] - 17:16, 16:5, 16:10, 16:13, happy [2] - 19:23, 24:9 informational [1] market [3] - 28:11, 18:9 16:14, 16:17, 16:21, hear [2] - 21:3, 21:12

Vitosh Reporting Service

landscaping [7] -

12:14, 12:19, 12:23,

15:23, 16:11, 23:2,

language [1] - 15:21

LASALLE [1] - 36:2

last [10] - 7:21, 11:14,

large [1] - 25:17

10:1

inside [1] - 23:23

install [2] - 6:4, 7:7

instead [1] - 18:22

interim [1] - 25:20

interrupt [1] - 15:8

installing [1] - 16:22

intermittent [1] - 13:8

heard [2] - 3:14, 20:21

hearing [11] - 3:3, 3:7,

28:21, 28:23, 34:18,

35:11, 35:14, 36:5

HEARING [1] - 1:11

3:21, 4:4, 4:12,

hearings [2] - 3:5,

28:12, 28:13

Marlys [1] - 2:12

Mars' [1] - 31:1

MARY [1] - 14:8

Mary [1] - 14:12

material [1] - 12:15

32:22

Mars [4] - 31:9, 32:18,

17:9, 17:13, 17:14,

19:12, 19:15, 20:4,

21:21, 22:19, 22:24,

24:8, 24:14, 24:18,

26:16, 27:9, 27:12,

28:1, 28:14, 29:16,

30:14, 31:22, 32:1,

21:4, 21:8, 21:11,

PZC - Public Hearings - January 8, 2020

32:6, 32:7, 32:8, 32:17, 33:21, 33:24, 34:2, 34:5, 34:7, 34:14, 34:19, 34:20, 34:24, 35:4, 35:6, 35:8 MS [44] - 4:24, 5:2. 5:4. 5:6. 5:8. 7:20. 8:14, 9:15, 10:18, 10:21, 14:6, 14:11, 14:24, 15:3, 15:6, 17:6, 17:20, 17:21, 17:23, 18:13, 18:16. 18:19, 18:22, 18:24, 19:17, 19:20, 21:7, 21:14, 21:17, 21:19, 22:12, 26:14, 27:11, 27:24, 28:20, 29:3, 31:20, 34:8, 34:23, 35:1, 35:3, 35:5, 35:7, 35:9 municipal [1] - 8:12 MURPHY [9] - 24:14, 24:15, 24:18, 26:16, 27:9, 27:12, 28:1, 28:14, 29:16 Murphy [1] - 24:19 must [1] - 15:19

N

name [8] - 3:17, 11:6, 13:23, 14:11, 21:15, 21:17, 24:18, 32:17 near [1] - 7:16 nearest [1] - 20:17 needed [1] - 31:14 neighborhood [1] -27:21 neighborhoods [1] -29:24 neighboring [1] -27:14 neighbors [1] - 27:14 never [1] - 31:7 new [12] - 6:20, 7:21, 9:12, 11:12, 12:8, 13:15, 16:7, 16:8, 23:16, 30:24, 32:6, 32:7 news [1] - 11:15 nice [2] - 11:11, 34:9 **Noble** [1] - 2:9 **NOBLE** [18] - 7:20, 8:14, 9:15, 10:18, 10:21, 15:3, 17:6, 17:23, 18:16, 21:7, 21:14, 21:19, 26:14, 27:11, 27:24, 28:20,

29:3, 31:20 nobody [1] - 31:7 noise [9] - 19:1, 19:2, 19:4, 19:5, 19:16, 20:9, 20:14, 20:20, 20:24 non [1] - 20:11 non-existent [1] -20:11 none [2] - 26:1, 33:19 North [2] - 7:9, 21:18 north [2] - 7:13, 16:1 notice [1] - 26:10 noticed [2] - 34:5, 34:8 number [5] - 4:13, 23:21, 23:22, 26:7, 26.8 numbers [1] - 23:12 nursery [1] - 18:14

0

objection [1] - 13:11

obtaining [1] - 9:17

OF [3] - 1:6, 36:1, 36:2

oaks [1] - 13:7

Office [1] - 6:9

office [2] - 8:11, 9:2 often [1] - 32:23 old [4] - 12:10, 13:15, 15:12, 16:8 Olson [3] - 2:2, 5:2, 35:1 **OLSON** [61] - 3:4, 4:3, 4:22, 5:3, 5:10, 8:12, 9:14, 10:6, 10:10, 10:14, 10:22, 10:24, 13:17, 14:3, 14:7, 14:20, 15:1, 15:7, 16:2, 16:15, 16:20, 17:19, 18:6, 18:17, 18:21, 18:23, 19:2, 19:14, 19:19, 19:23, 20:22, 21:10, 21:16, 21:20, 22:6, 22:16, 22:20, 24:2, 24:5, 24:11, 27:7, 28:12, 29:1, 29:4, 29:8, 29:11, 29:13, 30:5, 30:8, 31:18, 31:24, 32:3, 32:11, 33:14, 33:18, 33:23, 34:10, 34:15, 34:21, 35:2, 35:10 one [13] - 3:17, 6:5, 8:1. 8:2. 11:18. 11:19, 12:11, 16:8,

online [1] - 21:22 opaque [2] - 12:11, 23:23 open [1] - 4:12 operate [2] - 6:4, 7:7 operation [1] - 23:24 operator [1] - 16:22 opposed [1] - 9:9 opposition [6] - 10:11, 14:4, 22:17, 22:19, 29:9, 33:15 option [1] - 27:5 order [1] - 4:3 ordinance [8] - 9:6, 9:20, 9:22, 12:6, 15:12, 15:22, 16:7, 17:12 Ordinance [2] - 5:15, 7:22 original [4] - 15:24, 17:16, 32:4, 36:11 Oswego [1] - 9:5 outside [1] - 13:6 overhead [1] - 18:8 overlooked [1] - 31:14 own [1] - 27:15 owned [2] - 6:14, 32:22

E

ownership [3] - 25:13,

owners [1] - 12:16

25:16, 25:24

p.m [1] - 1:22 packet [3] - 18:2, 21:4, 22:1 page [1] - 18:2 Pages [1] - 36:6 Palatine [1] - 20:6 panel [2] - 7:15, 17:22 panels [1] - 22:3 Park [1] - 13:24 part [4] - 9:18, 12:15, 17:7, 17:11 particular [1] - 10:2 parts [1] - 27:3 passed [2] - 13:1, 15:12 past [1] - 24:22 pays [2] - 10:17, 10:18 people [4] - 19:24, 33:5, 33:8, 33:10 **perimeter** [1] - 12:13 permission [1] - 31:16 Permit [3] - 4:15, 4:19, 7:6 permit [4] - 6:3, 31:15,

31:18, 32:1 persons [2] - 3:11, 3:15 perspective [1] -22:13 **PETERMAN** [2] - 20:1, 20.4 Peterman [2] - 5:22, 20:4 petition [1] - 4:12 petitioner [18] - 3:14, 3:21, 4:5, 5:13, 6:1, 6:14, 7:4, 7:14, 10:24, 15:3, 15:11, 15:13, 16:11, 17:3, 24:6, 24:12, 30:9, 34:11 petitioners [2] - 12:8, 15:20 petitions [1] - 34:16 phrase [1] - 9:16 picture [1] - 14:17 pipe [1] - 17:1 place [4] - 19:5, 25:19, 31:17, 36:9 plan [5] - 3:20, 15:24, 17:16, 17:22, 26:10 Plan [1] - 24:21 Planner [1] - 2:11 **PLANNING** [1] - 1:10 **Planning** [1] - 3:5 planted [1] - 16:19 plat [2] - 25:15, 28:22 playing [1] - 19:17 podium [9] - 3:19, 11:5, 13:22, 14:10, 20:3, 22:23, 24:17, 30:13, 32:16 Police [1] - 8:21 police [1] - 9:8 portion [3] - 28:21, 35:11, 35:14 position [1] - 26:3 positive [1] - 13:14 posted [2] - 18:4 power [3] - 7:17, 30:16, 31:7 practice [1] - 11:9 precise [1] - 12:6 prepared [2] - 11:1,

previous [1] - 21:23 prices [2] - 11:24, 12:2 private [6] - 5:20, 8:2, 8:6, 8:9, 9:11, 10:3 privately [1] - 32:22 procedure [1] - 12:6 **procedures** [1] - 9:3 proceedings [4] - 3:2, 35:13, 36:5, 36:8 process [7] - 8:15, 9:18, 11:22, 28:24, 31:3, 31:15, 31:21 product [2] - 28:3, 28:15 products [2] - 31:5, 33:8 project [2] - 32:18, 32:21 properly [1] - 14:23 property [12] - 5:20, 6:8, 6:21, 7:10, 7:17, 8:2, 8:6, 8:9, 9:11, 10:3, 10:4 Property [1] - 12:21 proposal [1] - 27:18 propose [1] - 31:5 proposed [4] - 3:9, 13:19, 14:2, 27:2 proposes [1] - 5:17 proposing [3] - 5:13, 9:16, 18:19 Provisions [2] - 4:14, 5:14 **pubic** [1] - 36:5 PUBLIC [1] - 1:11 public [20] - 3:3, 3:4, 3:8, 3:11, 3:21, 3:22, 4:4, 4:12, 5:10, 8:2, 10:4, 10:7, 28:21, 28:23, 29:5, 34:13, 34:16, 34:18, 35:10, 35:14 PUD [2] - 6:17, 28:21 purchaser [1] - 25:3 purely [1] - 25:15 purpose [1] - 3:7 purposes [1] - 28:20 push [1] - 31:1 put [6] - 13:7, 23:17, 32:6, 32:7, 33:3, 34:13 putting [1] - 31:6 PZC [11] - 4:13, 4:14, 4:15, 4:17, 5:11, 5:22, 6:12, 7:2, 11:1,

24:12, 30:9

Vitosh Reporting Service

23:21, 26:7, 26:22,

24.13

2:8

present [10] - 3:12,

7:19, 10:7, 11:1,

PRESENT [2] - 2:1,

24:13, 24:22, 29:8,

30:10, 32:12, 33:14

presentation [4] - 4:6,

11:2, 19:7, 24:13

pretty [2] - 18:11

PZC - Public Hearings - January 8, 2020

Q

questions [15] - 3:13, 3:16, 3:23, 9:23, 14:21, 19:24, 20:9, 22:18, 24:3, 24:9, 28:17, 29:11, 29:13, 30:6, 33:19 quick [1] - 21:22 quickly [1] - 22:15 quite [1] - 12:4 quotes [1] - 12:1

R

racking [1] - 20:15 Raintree [3] - 6:17, 6:21, 25:3 raise [1] - 3:24 rallies [2] - 8:3, 10:5 ranch [2] - 26:24, 28:3 ranches [2] - 28:12, 28:13 rather [1] - 22:13 re [1] - 9:2 re-evaluate [1] - 9:2 reached [2] - 9:4, 9:8 read [1] - 22:2 real [3] - 6:8, 6:21, 7:10 realize [1] - 32:8 really [9] - 7:24, 20:13, 20:19, 21:12, 21:21, 23:2, 25:20, 28:3, 33:10 reapprove [1] - 12:10 reassurance [1] -14:19 receiving [1] - 4:3 recommend [1] -13:12 recommendation [1] -13:14 record [2] - 21:14, 34:13 reduce [1] - 6:18 reduction [1] - 19:1 regarding [4] - 3:9, 3:14, 5:15, 34:16 registration [4] - 5:18, 8:7, 8:10, 9:17 regulation [1] - 7:23 regulations [3] - 8:6, 8.7 relation [2] - 18:10 relative [1] - 20:10 relief [1] - 26:20

remaining [1] - 29:22

remember [4] - 16:3, 17:4, 17:9, 19:6 remind [2] - 26:12, 28:5 Renaissance [2] -12:21, 13:9 renderings [1] - 18:8 repeat [1] - 3:24 replace [1] - 16:16 replatting [1] - 25:11 report [1] - 15:17 Reporter [1] - 36:4 represent [3] - 3:18, 11:10, 14:1 representing [3] -4:18, 7:3, 30:10 reproduced [1] -36:14 repurposing [1] -23:19

request [14] - 3:13, 3:14, 4:8, 4:10, 10:8, 10:12, 13:19, 14:5, 22:17, 25:11, 29:6, 29:9, 32:13, 33:16 requesting [4] - 6:3, 6:16, 7:6, 7:14 requests [1] - 3:9 require [2] - 8:8, 28:23 required [4] - 5:18, 8:15, 8:17, 32:9 requirement [2] -

requirements [2] -26:1, 26:9 requires [1] - 9:17 residences [1] - 20:21 resident [1] - 14:12 residents [1] - 23:22 respect [1] - 15:11

9:21, 17:3

response [9] - 10:9, 10:13, 10:23, 24:4, 29:7, 29:10, 29:12, 30:7, 33:17

responses [2] - 24:7, 34:12 responsibilities [1] -16:24

responsibility [1] -36:13

responsible [1] -16:11 rest [1] - 29:20 restaurant [1] - 9:12 restricted [1] - 30:2 results [1] - 8:22 retail [3] - 5:16, 5:19,

7:23 retrenching [1] -

30:24

reused [1] - 23:18 review [1] - 22:9 revise [1] - 9:20 revising [1] - 12:23 revision [1] - 4:16 rework [1] - 34:3 Richard [1] - 2:3 **RICK** [1] - 24:15 Rick [1] - 24:19 Road [2] - 1:17, 6:10 roll [2] - 4:22, 34:21 roof [1] - 12:3 rots [1] - 22:15 roughly [1] - 6:7 Route [5] - 6:22, 6:23, 6:24, 7:12, 30:18

S

row [2] - 13:3, 13:6

running [2] - 21:6,

rushed [1] - 28:18

Rusty [1] - 2:5

21:9

sale [1] - 27:15 **Sante** [1] - 7:12 save [5] - 11:21, 23:7, 31:3, 31:4 scale [1] - 12:18 **scheduled** [1] - 3:5 search [1] - 18:1 seats [1] - 13:2 second [4] - 4:21, 12:15, 14:17, 34:20 section [1] - 9:20 sections [1] - 10:2 **see** [9] - 14:19, 17:18, 18:3, 22:13, 23:22, 23:24, 27:17, 28:14, 33:12 seeing [2] - 11:11, 33:18 segment [1] - 28:15 Senior [1] - 2:11 sense [1] - 12:14 sent [1] - 8:20 **separated** [1] - 30:1 separately [1] - 9:19 separation [1] - 26:1 set [2] - 27:12, 36:16 Setback [1] - 4:16 setback [2] - 26:8, 27:7 setbacks [3] - 6:18, 29:2. 29:3 shelf [1] - 25:4 **Shorthand** [1] - 36:3 **showing** [1] - 18:9

shrub [1] - 13:5 shrubs [1] - 14:19 side [10] - 6:18, 7:12, 13:6, 23:9, 23:10, 23:17, 23:19, 26:8, 28:3 side-by-side [1] - 28:3

sides [1] - 18:17 sign [12] - 3:18, 7:17, 30:17, 30:21, 31:7, 32:2, 32:4, 32:5, 32:6, 32:7, 33:10, 33:21

similar [1] - 9:5 simple [3] - 12:10, 25:13, 25:21 **simply** [3] - 12:15,

Single [1] - 30:2 single [6] - 7:15, 25:6, 29:14, 29:16, 30:1

sites [6] - 25:3, 25:7,

six [2] - 6:19, 22:14 **Skittles** [1] - 33:12 small [1] - 19:7

Smiley [1] - 13:24 **SNYDER** [6] - 14:6,

Snyder [1] - 14:12 so.. [1] - 19:24 Solar [4] - 4:15, 5:22,

solar [12] - 6:4, 6:5, 18:11, 18:18, 22:3,

 $\textbf{solid}\, {\tiny [2]} \textbf{-13:3},\, 13:5$ Sorry [1] - 21:17 sorry [4] - 19:17,

sort [1] - 20:14

space [1] - 16:4 spacing [1] - 16:3

Special [4] - 4:15, 4:18, 6:3, 7:6

special [12] - 11:14,

signed [1] - 36:12

23:8, 33:4

site [3] - 25:9, 26:10, 26:18

25:12, 26:11, 26:19, 26.21

SMILEY [2] - 13:20, 13:23

14:8, 14:11, 14:24, 15:6, 17:20

11:1, 20:5

6:7, 7:7, 7:15, 17:22, 30:16, 31:6, 32:9

21:15, 21:16, 30:4

sound [1] - 19:9 south [7] - 6:23, 7:12, 12:17, 15:24, 16:6,

South [2] - 11:7, 20:5

23:10, 27:19

12:7, 12:9, 12:10,

13:16, 15:12, 22:8, 24:6, 30:15, 31:14, 32:24, 34:11 specific [3] - 22:2, 24:9, 27:12

specifically [1] - 9:5 speed [1] - 20:8 spent [1] - 11:13

square [1] - 28:9 **SS** [1] - 36:1

staff [5] - 12:7, 15:17, 15:18, 16:6, 24:22 stand [1] - 3:24

standards [1] - 34:12 standing [3] - 6:5, 7:7, 7:8

standpoint [1] - 28:6 start [1] - 25:10 **STATE** [1] - 36:1

State [1] - 8:21 state [3] - 3:17, 8:20, 10:20

stationary [1] - 7:15

stay [1] - 26:18 step [1] - 19:15 still [2] - 10:3, 32:22

stipulated [1] - 7:22 stop [1] - 19:5 stories [1] - 26:23 story [4] - 26:22, 27:4,

27:6 Street [6] - 6:9, 7:9, 11:8, 13:24, 20:5, 24:20

strictly [1] - 29:17 striking [1] - 10:1 struck [1] - 30:22

style [1] - 25:16 subdivision [1] -14:13

subsidiary [1] - 6:14 successful [1] - 11:16 sufficient [1] - 21:2 support [1] - 15:18 surveyor [1] - 25:24 **sworn** [9] - 4:2, 11:4,

13:21, 14:9, 20:2, 22:22, 24:16, 30:12, 32:15

system [4] - 6:5, 7:8, 7:9, 20:15

Т

Taker [1] - 2:12 talks [1] - 9:20 tasked [1] - 32:20 taxpayer [2] - 23:6, 23:7

shown [1] - 9:24

PZC - Public Hearings - January 8, 2020

taxpayers [2] - 11:22, 12:4 technically [1] - 26:5 ten [1] - 6:19 testified [9] - 11:4, 13:21, 14:9, 17:15, 20:2, 22:22, 24:16, 30:12, 32:15 testify [2] - 3:15, 19:12 testimony [5] - 3:8, 3:11, 4:4, 34:16, 34:18 text [2] - 4:13, 5:13 thereof [2] - 36:12, 36:16 thorough [1] - 15:18 three [3] - 8:3, 8:4, 20:16 throughout [1] - 15:15 together [2] - 11:13, 26:22 tonight [10] - 3:10, 3:16, 4:4, 5:11, 5:21, 9:16, 9:21, 10:7, 18:3, 34:17 tonight's [3] - 3:5, 3:21, 35:11 took [2] - 34:2, 34:7 total [4] - 12:11, 26:13, 26:14, 29:21 totally [1] - 15:4 townhome [4] - 25:7, 25:12, 29:18, 29:19 townhomes [3] - 6:20, 25:19, 27:8 traction [1] - 31:8 Trail [1] - 7:13 transcribed [1] - 36:4 transcript [2] - 36:8, 36:11 tree [1] - 13:4 trees [6] - 13:4, 14:18, 23:15, 23:16, 23:17, 23:19 trenched [1] - 30:21 truck [5] - 8:3, 8:9, 8:16, 10:5 trucks [2] - 5:19, 8:4 true [1] - 36:7 trust [1] - 23:12 trying [3] - 23:6, 28:11, 31:2 turbine [6] - 7:16,

30:16, 31:6, 32:9,

two [14] - 8:22, 12:10,

23:22, 25:1, 26:8,

26:22, 26:23, 27:4,

13:12, 13:16, 14:20,

33:1, 33:22

turn [1] - 20:14

27:5, 27:6 two-stories [1] - 26:23 two-story [2] - 27:4, 27:6 type [2] - 27:4, 33:3

U

under [2] - 36:12, 36:14 underpass [1] - 7:13 unfortunately [1] -11.23 unit [2] - 19:10, 29:17 **Unit** [7] - 26:9, 26:18, 27:13, 29:14, 29:17, 29:21, 30:4 United [4] - 5:12, 6:2, 6:15, 7:5 **UNITED** [1] - 1:6 Units [2] - 27:3, 30:2 units [8] - 19:8, 27:6, 27:14, 28:2, 28:7, 29:18, 29:21, 29:23 **up** [20] - 5:10, 5:21, 6:12, 7:1, 11:24, 14:23, 17:1, 17:10, 18:14, 19:15, 19:18, 20:8, 20:22, 21:22, 32:6, 32:7, 33:2, 33:21, 33:22, 33:24

V

vacant [1] - 27:20 variances [1] - 26:17 vehicle [1] - 5:19 vehicles [1] - 5:16 vendor [2] - 5:16, 5:18 vendors [2] - 7:23, 7:24 versus [1] - 19:2 vertical [1] - 7:15 view [1] - 26:4 Village [3] - 6:17, 6:21, 25:3 Vinyard [2] - 2:3, 35:3 VINYARD [4] - 4:20, 5:5, 34:19, 35:4 vinyard [1] - 5:4 vinyl [8] - 12:2, 14:15, 15:14, 18:22, 19:3, 20:19, 22:13, 23:10 virtually [1] - 13:5 virtue [1] - 26:23 visit [1] - 31:10 Vitosh [2] - 36:3, 36:20

vote [2] - 4:22, 34:21

wait [1] - 8:20 walk [1] - 28:7 walk-out [1] - 28:7 wants [2] - 4:9, 10:7 water [1] - 31:3 website [1] - 17:23 Wednesday [1] - 1:21 week [1] - 18:5 weeks [3] - 8:22, 12:22, 34:1 **WERNER** [8] - 30:11, 30:14, 31:22, 32:6, 32:8, 34:2, 34:7, 34:14 Werner [2] - 7:2, 30:14 west [8] - 6:23, 12:18, 13:6, 16:1, 16:9,

3:9, 23:17, 23:19 WHEREUPON [1] -3:1 whole [1] - 26:18 wider [1] - 26:24 widths [1] - 25:10 Williams [2] - 2:4, 35:5

WILLIAMS [11] - 4:21, 5:7, 16:10, 16:14, 16:17, 17:13, 21:4, 21:8, 21:11, 34:20, 35:6 williams [1] - 5:6

wind [5] - 7:8, 7:16, 30:16, 31:6, 32:9 winterberry [1] - 13:4 wish [2] - 3:12, 4:7 wishes [7] - 13:18, 14:4, 22:17, 29:5, 29:9, 32:12, 33:15 wishing [1] - 3:15 witnesses [1] - 4:2

wood [9] - 14:15, 14:22, 15:15, 15:19, 19:3, 20:19, 22:14, 23:10 wooden [1] - 12:12

Woods [2] - 14:12,

17:17
works [1] - 22:6
worried [1] - 16:17
Wrigley [6] - 4:18, 7:3,
30:10, 30:17, 30:23,
32:18

Wrigley's [1] - 31:1

Υ

yard [2] - 6:18, 26:8 Yard [1] - 4:16 year [7] - 7:21, 11:12, 11:14, 11:20, 12:2, 12:23, 21:24 year's [1] - 11:23 years [3] - 22:14, 25:5, 30:20 **YORKVILLE** [2] - 1:6, 1:7 Yorkville [10] - 1:18, 5:12, 5:15, 6:2, 6:11, 6:16, 6:24, 7:5, 11:8, 13:24 Yorkville.IL.US [1] -17:24 YOUNG [11] - 4:24, 5:2, 5:4, 5:6, 5:8, 34:23, 35:1, 35:3, 35:5, 35:7, 35:9

Ζ

Young [1] - 2:12

zoned [1] - 7:10 ZONING [1] - 1:10 zoning [2] - 8:6, 9:18 Zoning [5] - 3:6, 4:14, 5:14, 5:15, 7:22

Vitosh Reporting Service





To: Planning and Zoning Commission From: Jason Engberg, Senior Planner CC: Bart Olson, City Administrator

Krysti J. Barksdale-Noble, Community Development Director

Date: February 5, 2019

Subject: Comprehensive Plan Update – Future Land Use Amendments

Summary

Since 2017, there have been several projects approved by the City Council, such as rezoning requests and Planned Unit Development amendments, that have conflicted with the 2016 Comprehensive Plan Future Land Use designations. Staff is recommending amending the plan to change the future land uses of these projects to their now existing land use. It is important to make these changes to ensure the plan is consistent with the current built environment and is not interpreted incorrectly within the planning horizon of the document. This memorandum will briefly discuss the changes being proposed as outlined in the following table:

Project	Current Comp Plan Future Land Use Designation	Proposed Comprehensive Future Land Use Designation
PZC 2017-01 Cedarhurst Living	Suburban Neighborhood	Commercial Office (CO)
PZC 2017-07 Casey's General Store	Mid-Density Residential	Destination Commercial (DC)
PZC 2017-13 Coffman Carpets	Mid-Density Residential	Destination Commercial (DC)
PZC 2018-18 Heartland Business	Mid-Density Residential	Commercial Office (CO)
PZC 2019-03 Hively (Windmill Farms)	Estate/Conservation Residential	Destination Commercial (DC)

Additionally, due to development on the southeast side of the City, there will be an additional potential roadway added to the map. It is an extension of Minkler Road which would line up on the north side of the Ashley Road and Route 126 intersection.

PZC 2017-01 Cedarhurst Living

Current Future Land Use: Suburban Neighborhood



Proposed Future Land Use: Commercial Office



Summary:

An application was submitted requesting authorization of an amendment to the existing Cannonball Trails Planned Unit Development (PUD) and Annexation Agreement Amendment for the purpose of constructing a new twostory assisted living with memory care facility at the northeast corner of US 34 and Cannonball Trails.

Amendment:

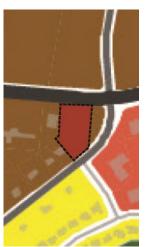
The "Suburban Neighborhood" designation is meant to provide single family detached housing options in traditional subdivision layouts. The "Commercial Office" designation is meant to provide commercial, office, and retail space along the City's main commercial corridors including Route 47 and Route 34. Changing this property to "Commercial Office" is a much more accurate representation of the now operational facility.

PZC 2017-07 Casey's General Store

Current Future Land Use: Mid-Density Residential



Proposed Future Land Use: Destination Commercial



Summary:

An application was submitted requesting annexation, rezoning, special use, and variance authorization to construct a gasoline station with accessory convenience store southwest of the MchHugh Road and Route 34 intersection. The property original contained a small apartment complex and single gamily detached home.

Amendment:

The "Mid-Density Residential" designation is meant to provide higher density residential developments near commercial areas which include a variety of housing options. The "Destination Commercial" designation is meant to provide large format and outlot development for commercial business along Yorkville's main commercial corridors. The original designation reflected the existing apartments on site. The "Destination Commercial" land use is better suited to the Casey's General Store.

PZC 2017-13 Coffman Carpets

Current Future Land Use: Mid-Density Residential



Proposed Future Land Use: Destination Commercial



Summary:

An application was submitted requesting annexation pursuant to an annexation agreement and rezoning classification for the existing carpet retail store. The property is located south of U.S. Route 34 and west of McHugh Road.

Amendment:

The "Mid-Density Residential" designation is meant to provide higher density residential developments near commercial areas which include a variety of housing options. The "Destination Commercial" designation is meant to provide large format and outlot development for commercial business along Yorkville's main commercial corridors. The "Destination Commercial" land use is better suited for the existing carpet store.

PZC 2018-18 Heartland Business Center

Current Future Land Use: Mid-Density Residential



Proposed Future Land Use: Commercial Office



Summary:

An application was submitted requesting authorization of an amendment to the existing Heartland Subdivision Planned Unit Development (PUD) and Annexation Agreement Amendment for the purpose of reducing a side yard setback to allow for a two-story office building. The property is located at the southwest corner of McHugh Road and Route 34.

Amendment:

The "Mid-Density Residential" designation is meant to provide higher density residential developments near commercial areas which include a variety of housing options. The "Commercial Office" designation is meant to provide commercial, office, and retail space along the City's main commercial corridors including Route 47 and Route 34. While there is currently nothing built on the property, it was approved for an office use on site and therefore a change in future land use is appropriate.

PZC 2019-03 Hively (Windmill Farms)

Current Future Land Use: Estate/Conservation Residential



Proposed Future Land Use: Destination Commercial



Summary:

An application was submitted requesting rezoning of three parcels within the Windmill Farms Planned Unit Development which approved certain land uses consistent with those found in the R-4 General Multi-Family Residence District and B-3 General Business zoning districts. The requested new zoning was be B-3 General Business District on two (2) parcels and A-1 Agricultural District on one (1) parcel. The properties which require a change in designation are the B-3 properties located at the southeast and southwest corner of Route 126 and Route 71. While not yet constructed, the properties were rezoned to accommodate a landscaping retail business.

Amendment:

The "Estate/Conservation Residential" designation is meant to provide flexibility for residential design that can accommodate low-density single-family housing. The "Destination Commercial" designation is meant to provide large format and outlot development for commercial business along Yorkville's main commercial corridors. Now that the properties are zoned B-3 General Business, it is appropriate to amend the designation with the plan as it will likely be used for commercial uses in the future.

Ashley Road Extension



Summary:

The Raintree Village and Prestwick (Ashley Pointe) residential developments have both resumed construction in the past 2 years. Along with the single-family attached and detached housing in both subdivisions, Prestwick has also constructed a new private high school. Along with these developments, the intersection at Route 126 (Schoolhouse Road) and Ashley Road must be improved by the end of 2021. With the growth in this region and the improved intersection being complete before the end horizon of this plan, the potential connection and realignment of Minkler Road to the north has been added to the future land use map.

Staff Comments

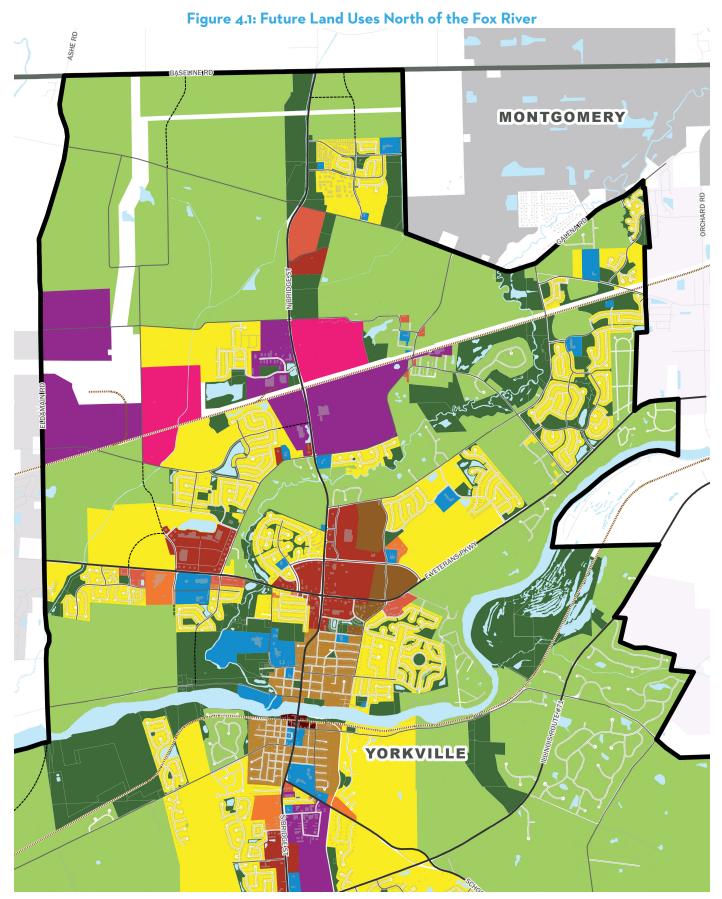
The Comprehensive Plan land use map is a guide to future development and zoning decisions, but it is also meant to be adjusted when circumstances warrant a change in planning direction in a given area of the City. The changes to these five areas have already been decided and it is appropriate to change their land use designation. Additionally, the Ashley Road extension is already designated within the document and staff is recommending it be shown on the future land use map due to recent development in the area.

Proposed Motion:

In consideration of testimony presented during a Public Hearing on February 12, 2020 and discussions conducted at that meeting, the Planning and Zoning Commission recommends approval to the City Council of a request to amend the United City of Yorkville's 2016 Comprehensive Plan Update future land use for the five identified land use changes and the single potential road extension as presented in a staff memorandum dated February 5, 2020 and further subject to {insert any additional conditions of the Planning and Zoning Commission}...

Attachments

1. New Comprehensive Plan pages



* Please see page 186 and 187 for an addendum to the Future Land Use Map in Figures 4.1 and 4.2.

LAND USE CHANGES*

The Land Use Strategy and Future Land Use Map presented above describes the distribution of general land use categories (Residential, Commercial, industrial, Open Space and Parks, and so on) that will set the framework for achieving the goals of the Comprehensive Plan. It is not a zoning map but should set the stage for future changes and modifications to the Yorkville Zoning Ordinance. The Land Use Strategy seeks to "re-position" Yorkville's future land use pattern given current development conditions in Yorkville since the 2008 economic downturn and the unlikelihood that the Prairie Parkway will be constructed within this Plan's time horizon. Several changes in land use classifications are proposed from those included in the 2008 Comprehensive Plan. Changes in the land use categories are summarized below:

RESIDENTIAL

A Mid-Density Residential land use zone is proposed in order to encourage new multi-family housing types in Yorkville; new housing types could diversify housing opportunities and provide housing at different price points that what is currently offered in Yorkville's housing market. The Rural Neighborhood land use classification in the 2008 Comprehensive Plan is eliminated given that such residential development is unlikely to occur in the southeastern portions of the Yorkville planning area where there are significant infrastructure and market constraints. The primary infrastructure constraint is the need to construct a lift station along a ridge line, generally located south of Illinois Route 71. In its place, an Estate/Conservation Residential land use category has been created to accommodate large-lot residential development in areas where infrastructure exists and smaller-lot single family residential subdivisions are less likely

to be supported by market demand. Conservation subdivisions should also be encouraged in order to preserve significant environmental and topographical features, provide alternative housing types, and provide opportunities to expand Yorkville's open space network. A Metra Station TOD zone is also included to plan accordingly for future development even if the Metra Station is years away from construction.

COMMERCIAL

Several new commercial land use categories are suggested in this Comprehensive Plan. A Downtown Mixed-Use Core zone is intended to focus revitalization and redevelopment efforts in Yorkville's traditional downtown; new mixed-use development is envisioned on various opportunity sites that expand the Downtown's footprint further to the east on Van Emmon Street with potential residential and commercial development. The need to address particular development design and land use issues within the Downtown necessitates the need for a Downtown-specific land use classification.

The general Commercial land use classification in the 2008 Plan is now designated Destination Commercial to recognize that a high percentage of commercial land in Yorkville accommodates large format and chain store formats, usually located along major transportation thoroughfares. Destination Commercial uses have their own particular physical design and development issues and should be distinguished from commercial uses located in the Downtown and in neighborhood retail areas.

A Commercial Office land use category has been created to accommodate small-scaled office uses in single developments or as part of an office park setting;

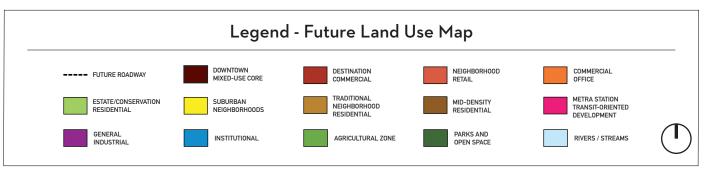
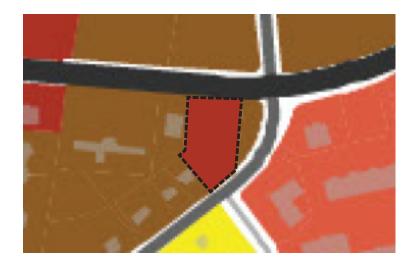


Figure 4.1 - Future Land Uses North of the Fox River

FUTURE LAND USE - MAP ADDENDUMS

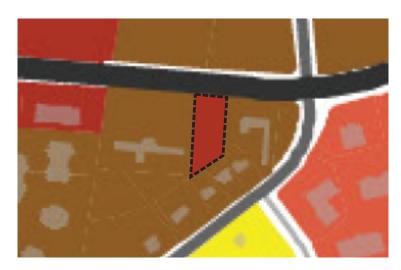


CASEY'S GENERAL STORE

New Future Land Use Designation: Destination Commercial

Summary:

An application was approved requesting annexation, rezoning, special use, and variance authorization to construct a gasoline station with accessory convenience store southwest of the MchHugh Road and Route 34 intersection. The property original contained a small apartment complex and single gamily detached home. The property was originally designated as "Mid-Density Residential" which is meant to provide higher density residential developments near commercial areas which include a variety of housing options. The "Destination Commercial" designation is meant to provide large format and outlot development for commercial business along Yorkville's main commercial corridors. The original designation reflected the existing apartments on site while the "Destination Commercial" now reflects what has been approved.

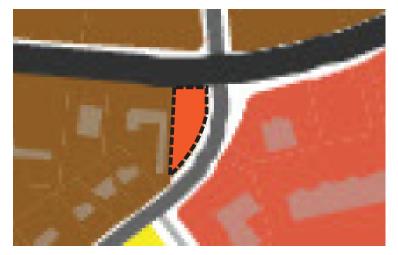


COFFMAN CARPETS

New Future Land Use Designation: Destination Commercial

Summary:

An application was approved requesting annexation pursuant to an annexation agreement and rezoning classification for the existing carpet retail store. The property is located south of U.S. Route 34 and west of McHugh Road. The property was originally designated as "Mid-Density Residential" which is meant to provide higher density residential developments near commercial areas which include a variety of housing options. The "Destination Commercial" designation is meant to provide large format and outlot development for commercial business along Yorkville's main commercial corridors. The "Destination Commercial" land use now reflects what has been approved.

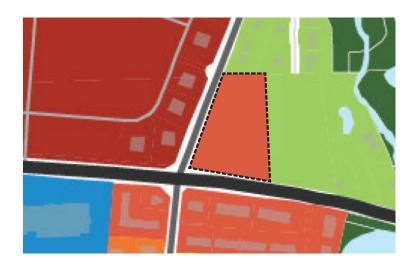


HEARTLAND BUSINESS CENTER

New Future Land Use Designation: Commercial Office

Summary:

An application was approved requesting authorization of an amendment to the existing Heartland Subdivision Planned Unit Development (PUD) and Annexation Agreement Amendment for the purpose of reducing a side yard setback to allow for a two-story office building. The property is located at the southwest corner of McHugh Road and Route 34. The property was originally designated as "Mid-Density Residential" which is meant to provide higher density residential developments near commercial areas which include a variety of housing options. The "Commercial Office" designation is meant to provide commercial, office, and retail space along the City's main commercial corridors including Route 34. The "Commercial Office" land use now reflects what has been approved.



CEDARHURST LIVING

New Future Land Use Designation: Commercial Office

An application was approved requesting authorization of an amendment to the existing Cannonball Trails Planned Unit Development (PUD) and Annexation Agreement Amendment for the purpose of constructing a new two-story assisted living with memory care facility at the northeast corner of US 34 and Cannonball Trails. The property was originally designated as "Suburban Neighborhood" which is meant to provide single family detached housing options in traditional subdivision layouts. The "Commercial Office" designation is meant to provide commercial, office, and retail space along the City's main commercial corridors including Route 47 and Route 34. The "Commercial Office" land use now reflects what has been approved.

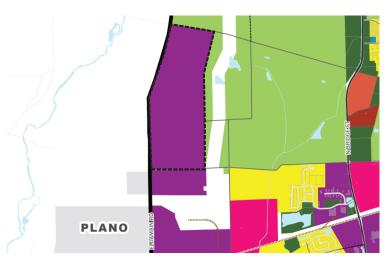


HIVELY (WINDMILL FARMS)

New Future Land Use Designation: Destination Commercial

Summary:

An application was approved requesting rezoning of three parcels within the Windmill Farms Planned Unit Development which approved certain land uses consistent with those found in the R-4 General Multi-Family Residence District and B-3 General Business zoning districts. The requested new zoning was be B-3 General Business District on two (2) parcels and A-1 Agricultural District on one (1) parcel. The properties which require a change in designation are the B-3 properties located at the southeast and southwest corner of Route 126 and Route 71. While not yet constructed, the properties were rezoned to accommodate a landscaping retail business. The property was originally designated as "Estate/ Conservation Residential" which is meant to provide flexibility for residential design that can accommodate low-density single-family housing. The "Destination Commercial" designation is meant to provide large format and outlot development for commercial business along Yorkville's main commercial corridors. Now that the properties are zoned B-3 General Business, it is appropriate to amend the designation with the plan as it will likely be used for commercial uses in the future.



ELDAMAIN ROAD CORRIDOR

New Future Land Use Designation: General Industrial

In 2019, the Illinois Department of Transportation announced that \$45 million in funds for the construction of the Eldamain Road bridge over the Fox River was allocated in their multiyear plan. The city was contacted by Kendall County asking us to revisit the comprehensive plan's future land use designation for the Eldamain Road corridor to align with the Kendall County Land Resource Management Plan. Yorkville's future land use designation for this area is "Estate/Conservation Residential" which is intended to provide flexibility for residential design of large lot single-family homes or clustering of home with most of the development dedicated for conservation or green space area. However, Kendall County's Land Resource Management Plan (LRMP) identifies this area's future land use as "Mixed Use Business.". The Mixed-Use Business category would include offices, warehouses, highway-oriented commercial businesses and light industrial. To better align the potential future land uses in this region, the "General Industrial" is more appropriate given the new funding for infrastructure in the area.

FUTURE LAND USE - MAP ADDENDUMS



ASHLEY ROAD

New Future Land Use Designation: $\ensuremath{\mathsf{N}}/\ensuremath{\mathsf{A}}$

Summary:

The Raintree Village and Prestwick residential developments have both resumed construction after the adoption of the comprehensive plan. Along with the single-family attached and detached housing in both subdivisions, Prestwick has constructed a new private high school. Along with these developments, the intersection at Route 126 (Schoolhouse Road) and Ashley Road must be improved by the end of 2021. With the growth in this region and the improved intersection being complete before the end horizon of this plan, the potential connection and realignment of Minkler Road to the north has been added to the future land use map.

Memorandum



To: Planning and Zoning Commission

From: Krysti J. Barksdale-Noble, Community Development Director

CC: Bart Olson, City Administrator

Jason Engberg, Senior Planner

Date: February 4, 2020

Subject: Comprehensive Plan Update - Eldamain Road Corridor

Yorkville/Kendall County Future Land Use Plan Differences

Summary

Discussion and consideration of a potential amendment to the future land use designation in the Comprehensive Plan Update 2016 for parcels located along the Eldamain Corridor from "Estate/Conservation Residential" to "General Industrial". This area is described as generally located on the east side of Eldamain Road, between the Burlington Northern Santa Fe (BNSF) railroad north terminating at Galena Road.

Background/Purpose

As the Planning and Zoning Commission will recall, in 2016 the City adopted its Comprehensive Plan after two (2) years of research and coordination with the various city departments, the public and outside agencies. The final document thoroughly narrated Yorkville's current conditions (as of 2016) in "Part One: Setting the Stage" and meticulously laid out a plan for future development over the **next 10 years** in "Part Two: Comprehensive Plan". The plan included an examination of land use strategies, principles to guide future land use, analysis of community systems and infrastructure, as well as a study of major corridors such as Eldamain Road. As the recipient of the Illinois Chapter of the American Planning Association's Daniel Burnham Award for Outstanding Comprehensive Plan in September 2017, it was considered by staff and the elected officials to be well received as the City's guiding document for land use development.

However, in March 2017, the City was approached by Kendall County's Planning Commission to consider revising the future land use designation of parcels along Eldamain Road to be consistent with the Kendall County Land Resource Management Plan, originally adopted in 1994 and last revised in 2011, which identities this area as "Mixed Use Business". The "Mixed Use Business" future land use category is consistent with the County's Office and Research Park zoning district as well as their manufacturing districts.

Additionally, as part of that request, Kendall County also provided a list of other areas where the City's Comprehensive Plan Update 2016 was incongruent with the county's plan which staff summarized in a memo to the Council and Planning and Zoning Commission (see attached). At that time, it was the direction of both the City Council and Planning and Zoning Commission to not take any formal action to amend the plan.

Recently, after the announcement by the Illinois Department of Transportation that \$45 million in funds for the construction of the Eldamain Road bridge over the Fox River was allocated in their multi-year plan, the city was contacted by Kendall County once again asking us to revisit our comprehensive plan's future land use designation for the Eldamain Road corridor to align with the Kendall County Land Resource Management Plan (see attached). Based upon this request, sought further direction from the Economic Development Committee (EDC) at their January 7th meeting of a potential amendment to the current future land use designation from "Estate/Conservation Residential" to "General Industrial" or a similar land use along Eldamain Road which is compatible with the county's plan.

It was the direction of the EDC to conduct a public hearing before the Planning and Zoning Commission to amend the Comprehensive Plan's future land use designation from "Estate/Conservation Residential" to "General Industrial" for the unincorporated areas along the east side of Eldamain Road to Galena Road.

Future Land Use/Zoning Analysis

The City's Comprehensive Plan Update identified approximately 1,050 acres of land zoned for manufacturing use within our corporate boundary. Nearly 600 acres (or 56%) of that land that remain undeveloped. This includes the incorporated parcels along the Eldamain Road corridor.

The area mostly at focus as part of this discussion is approximately 470 acres of unincorporated land consisting of fifteen (15) parcels. Yorkville's future land use designation for this area is "Estate/Conservation Residential" which is intended to provide flexibility for residential design of large lot single-family homes or clustering of home with most of the development dedicated for conservation or green space area. This designation was a suitable transition land use between agricultural zones and traditional residential neighborhoods or places with identifiable scenic views, tree masses and environmental features.

However, Kendall County's Land Resource Management Plan (LRMP) identifies this area's future land use as "Mixed Use Business", in the June 2008 update. According to the LRMP, the Mixed-Use Business category would include offices, warehouses, highway-oriented commercial businesses and light industrial as such uses are benefitted from easy accessibility to major transportation roadways such as the proposed Prairie Parkway.

The LRMP states that the plan depicts a pattern of land uses that would accommodate growth and development in Fox and Kendall Township over the next 15-20 years based upon an analysis of existing land uses conducted in 2004; building permit and population projections from data gathered between 1990-2006; traffic estimates from 1994-2006; and public input received at township workshops held in 2004. Below are illustrations of the future land use maps from the Yorkville Comprehensive Plan (left) and Kendall County's LRMP (right).





While most of the land in the subject area is currently zoned and used for agricultural and residential purposes in Kendall County, there is an eight (8) acre parcel that was rezoned from A-1 Agricultural District to M-1 Limited Manufacturing by Kendall County in 2017 (after the adoption of Yorkville's Comprehensive Plan). This parcel is, however, being utilized for a residence with an ancillary towing and truck storage business. Additionally, there is an approximately 3.5-acre parcel zoned R-1 since 1990. Further, within this area, there are currently six (6) large lot residential homesteads.

Since the adoption of the County's Land Resource Management Plan in 1994, most of the property in the subject area has maintained its rural character over the past twenty-five (25) years. The aerial to the right depicts current conditions of the subject area with existing zoning districts.

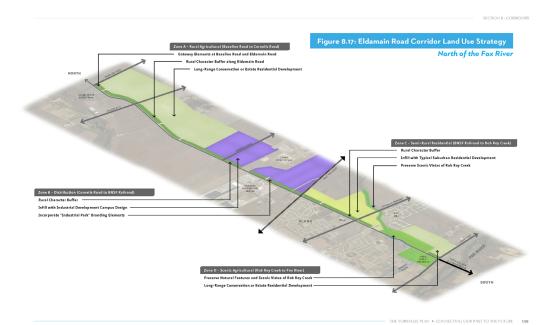


Amendment Considerations

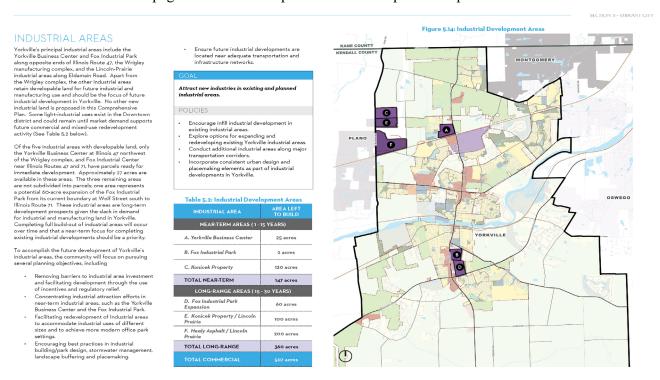
When considering amendments to the Comprehensive Plan, particularly the Future Land Use Map, it is generally recommended that a community weigh the current trend in development (market interest/conditions) and availability of public resources to support the proposed land use such as roads, utilities and police/fire protection. The most common reason to amend a Comprehensive Plan is a developer-initiated entitlement request (e.g. rezoning, special use, variance, and/or planned unit development). However, if the city does consider the request from Kendall County, the following should be discussed.

Yorkville Comprehensive Plan

It is noted in the Land Use Strategy of the Yorkville Comprehensive Plan Update the approach of the future land use designations was to establish a balance between land uses to ensure a stable and growing tax base and realistically address the changes experienced in the local and regional economic conditions. These conditions include the fallout from the 2008 economic downturn and the unlikelihood that the Prairie Parkway will be constructed within the Comprehensive Plan's 10-year time horizon (2016-2026). Additionally, the Eldamain Land Use Strategy (see Figure 8.17) sought to "re-position" Yorkville's future industrial land use by focusing on the development of currently zoned manufacturing districts based on market data and analysis conducted in 2016 which determined the lack of needed utilities (water, sewer and gas) and direct access to a major transportation system as major hurdles for industrial development along Eldamain Road in the near future.



The parcels currently identified in the Comprehensive Plan Update with a future land use designation of General Industrial (GI) along Eldamain Road are the two (2) Lincoln Prairie sites and the Konicek Property. Combined, these parcels total over 400 acres of targeted future industrial development. The Lincoln Prairie south parcel recently was awarded the distinction as a Certified Site by the Burlington Northern Santa Fe (BNSF) railroad. This certification program "identifies optimal rail-served sites and conducts in-depth reviews of ten economic development criteria" to determine readiness for development. In addition, the city has fielded multiple inquiries and due diligence reviews by major industrial users over the past several years interested in the Lincoln Prairie south parcel, and recently Metra has identified the area immediately south of the rail line near Eldamain Road as a potential commuter rail station in the Kendall Extension Study. The goals and policies for industrial areas in Yorkville is set forth on page 107 of the Comprehensive Plan Update and provided below:



¹ https://www.bnsf.com/ship-with-bnsf/rail-development/certified-sites.html

Kendall County LRMP

The Kendall County Land Resource Management Plan's original adoption in 1994 considered the future growth of the county over the next 15-20 years. Since its initial adoption, a series of strategic revisions were made to address the changing needs and conditions of the various townships which make up the County. The most recent amendment to the plan for the Yorkville area was completed in 2008, at the height of the historic development boom experienced by the County and soon after the earmark of funds for the Prairie Parkway corridor which would link the I-88 to the I-80 (discussed further under *Transportation/Corridor Land Uses*). No additional comprehensive updates to the Kendall County Land Resource Management Plan has occurred since then for the Yorkville planning area.

Transportation/Corridor Land Uses

As previously mentioned, the transportation land use immediately adjacent to the subject area is Eldamain Road. Eldamain Road, under Kendall County jurisdiction, is currently a secondary north-south route in Yorkville traveling between River Road to the south and north past Baseline Road, the City's planning boundary terminus. Kendall County is in the process of reconstructing and extending Eldamain Road across the Fox River which would accommodate future growth and development in the area, particularly the currently zoned manufacturing parcels in Yorkville's corporate boundary. Funding for the bridge connection has recently been allocated by the Illinois Department of Transportation and the county expects to complete construction by early 2023. In evaluating the impact of the future Eldamain Road bridge construction, the Yorkville Comprehensive Plan update opined that "...the land use pattern should remain compatible with the open space, natural areas and viewsheds that define the areas near and around the Fox River."



158 THE YORKVILLE PLAN • CONNECTING OUR PAST TO THE FUTURE

The Prairie Parkway corridor, which was approved by the Illinois Department of Transportation (IDOT) in 2007, influenced many land use plans at the time (including the 2008 Yorkville Comprehensive Plan) to encourage more intensive future commercial and industrial development in the surrounding areas. However, in early 2012 the Federal Highway Administration rescinded its approval of the alternative highway and in mid-2018 IDOT announced that is was cancelling the protections for the planned corridor altogether.

Utilities/Infrastructure Systems

Currently, the east side of the Eldamain Road corridor, north of the Burlington Northern Santa Fe (BNSF) railroad to Galena Road, is not serviced by any public utilities, particularly city water and sanitary sewer. With the nearest potential water connection located approximately 2,400 feet from the subject site and sanitary sewer over 1,900 feet away, the cost to extend services would require a significant investment and most likely initiated by a future developer.

Additionally, this area would have to be served by the Yorkville Bristol Sanitary District (YBSD) for sanitary and wastewater treatment. YBSD is currently close to capacity and is in the process of completing a facilities plan study to address capacity concerns and future expansion. The plan is expected to be complete in early 2020, but approval of the plan by the Illinois Environmental Protection Agency (IEPA) make take up to one year. Further, the subject area is currently outside of the sanitary district's future wastewater planning area.

Land Use Designation Amendment Proposal

Based upon the mitigating factors discussed as part of the amendment considerations such as: the land use strategy expressed in the Yorkville Comprehensive Plan update; trend of development in the subject area; date of the Kendall County LRMP; recent funding of the Eldamain Road bridge project; the elimination of the Prairie Parkway; and lack of infrastructure serving the site; consideration could be given to an alternative future land use designation of "General Industrial". The following provides for a comparison of the "pros" and "cons" of the current land use designation of "Estate/Conservation Residential (ECR)" and the proposed "General Industrial (GI)" for the subject area along Eldamain Road:

Estate/Conservation Residential (ECR)

Keep the Estate/Conservation Residential (ECR) land use as is currently designated for the subject area during the 10-year time frame of the Comprehensive Plan. This designation was primarily used to replace the 2008's Comprehensive Plan's "Rural Neighborhood" use category and took into consideration the existing large-lot residential and agricultural uses, as well as the significant infrastructure constraints.

Pros

- Maintains the current future land use designation based upon recent market analysis, demographic estimates and transportation projections and consistent with current land use conditions.
- Assumes the unincorporated subject area will not be utilized for new industrial development within the horizon of the Comprehensive Plan due to lack of infrastructure to support it. Even if a major industrial user is considered in the near term for this area, it is likely the parcel will annex to Yorkville than develop in Kendall County.

Cons

- Conflicts with Kendall County's Land Resource Management Plan.
- Potential conflicts could exist between residential and industrial uses if land in the subject area is developed as a new rural subdivision.

General Industrial (GI)

Amend the land use designation to General Industrial (GI) which is reserved for a broad range of warehousing and manufacturing activities of minimal environmental impact. Such industries can be served by both rail and by truck transportation and are encouraged in existing industrial zones like the Eldamain Corridor intersected by the BNSF railroad line.

Pros

- Consistent with Kendall County's Land Resource Management Plan and extends the current General Industrial (GI) future land use northwards from the Konicek property to Galena Road.
- Pending construction of the Eldamain Road bridge project and the identification of a potential Metra commuter station near Eldamain along the BNSF rail line.

Cons

- Unlikely industrial use will occur in this area during the time-frame of Comprehensive Plan.
- No immediate access to public utilities, loss of the Prairie Parkway corridor funding and lack of major market interest for industrial users within the subject area.
- Conflicts with current Yorkville Comprehensive Plan.

Staff Comments/Recommendation

Although, the Yorkville Comprehensive Plan land use map is a guide to future development and zoning decisions, it is also meant to be adjusted and changed when circumstances warrant a change in planning direction in a given area of the City. Based upon the recent funding for the Eldamain Road bridge and the recent Metra Kendall Extension Study, staff recommends consideration of amending this area of the Yorkville Comprehensive Plan Update from "Estate/Conservation Residential (ECR)" to "General Industrial (GI)".

While the considerations raised by staff should be thoroughly reviewed, changing the future land use of this area on the Comprehensive Plan map has no immediate impact to the current land owners and uses or the City. Rather, it indicates to future land owners and perspective developers that the proposed new land use is desired and supported by the City should a land use proposal be submitted.

Staff recommends, as part of the Planning and Zoning Commissions deliberation, the following standards for rezoning be utilized when evaluating the proposed future land use amendment:

- 1. The existing uses and zoning of nearby property.
- 2. The extent to which the property values are diminished by the particular zoning restrictions.
- 3. The extent to which the destruction of the property values of plaintiff promotes the health, safety, morals or general welfare of the public.
- 4. The relative gain to the public as compared to the hardship imposed upon the individual property owner.
- 5. The suitability of the subject property for the zoned purpose.
- 6. The length of time the property has been vacant as zoned considered in the context of land development in the area in the vicinity of the subject property.
- 7. The community need for the proposed use.
- 8. The care to which the community has undertaken to plan its land use development.

Proposed Motion for Amendment

In consideration of testimony presented during a Public Hearing on February 12, 2020, the Planning and Zoning Commission recommends approval to the City Council of a request to amend the United City of Yorkville's 2016 Comprehensive Plan Update future land use designation of unincorporated areas on the east side of Eldamain Road from the BNSF rail line north to Galena Road from "Estate/Conservation Residential (ECR)" to "General Industrial (GI)" as presented by staff in a memorandum dated February 4, 2020 and a map entitled "Eldamain Road Corridor Future Land Use Map" and further subject to {insert any additional conditions of the Planning and Zoning Commission} ...

Attachments

- 1. Staff memorandum to City Council dated July 3, 2017 regarding Yorkville/Kendall County Future Land Use Plan Differences.
- 2. Letter from Kendall County dated November 13, 2019.
- 3. Yorkville Comprehensive Plan Update Future Land Use Map dated August 2016.
- 4. Kendall County Land Resource Management Plan Future Land Use Map last revised October 2015.
- 5. Eldamain Road Corridor Future Land Use Map (2020)



Memorandum

To: Planning and Zoning Commission

From: Krysti J. Barksdale-Noble, Community Development Director

CC: Bart Olson, City Administrator Jason Engberg, Senior Planner

Date: May 24, 2017

Subject: Yorkville/Kendall County Future Land Use Plan Differences

Background/Purpose

Every year since 2011, staff has attended the annual Kendall County Regional Planning Commission (KCPC) Meeting. As part of that meeting, the County invites representatives from municipalities to share their current and future planning projects and goals. While this sharing is voluntary, staff has always participated, being that the City is the County seat, in providing a brief but compact summary of planning related matters happening in Yorkville.

At the February 25, 2017 meeting, staff provided a summary of building permit activity, current projects under construction, status of current development incentive programs, planning goals and the recently adopted Comprehensive Plan Update. Following our presentation, staff was asked by members of the Kendall County Planning Commission (KCPC) about our current Comprehensive Plan land use designation along Eldamain Road and the lack of notice the individual members of the KCPC, and the County as a whole, received during the preparation and approval process.

In response to the question, staff reminded the KCPC we had attended the prior two (2) annual meetings and provided updates throughout the process. We also informed the commission that the 24-month long comprehensive planning process included stake holder meetings with the County, public outreach, public hearing processes, public notices, City website updates, a separate project website and coordination with the two (2) previous Kendall County Senior Planners throughout the process. Additionally, the County's Senior Planner position sat vacant for about a year and there was no staff counterpart for the City or the City's consultant to contact. However, staff did speak with the County's planning consultant Mike Hoffman of Teska, the former County Administrator Jeff Wilkins and County Highway Director Fran Klaas as part of the Comprehensive Plan update.

At the conclusion of the meeting, city staff provided a copy of the adopted Yorkville Comprehensive Plan Update to the County's Planning Commission and offered to speak with any KCPC member who had any specific concerns regarding the plan anytime via telephone, email or in-person. Staff has learned during a subsequent Kendall County Ad-Hoc Zoning Ordinance Committee meeting held on March 22, 2017, Senior Planner Asselmeier was asked to prepare a comparison of Yorkville's Future Land Use Map with the County's Land Resource Management Future Land Use Map. Attached for your review is the memo prepared by the County staff and a supplemental map illustrating the areas where differences in future land use occurs.

Staff Comments

Staff has reviewed the approximately ten (10) incidents within the 70-square mile planning area the County has identified where the City of Yorkville's 2016 adopted Comprehensive Plan Update differs from the Kendall County Land Resource Management Plan. The original Kendall County Land Resource Management Plan was adopted in 1994 with select updates/amendments occurring between the years

¹ http://www.co.kendall.il.us/wp-content/uploads/PBZ Sections 1-4.pdf

1997- 2011, with the updates to specific areas called out in the attached map prepared by the County happening in the following years:

- 2001 Changes made to reflect new planned development regulations, municipal annexations and new plans and economic development opportunities.
- 2003 Changes to include a more detailed plan for the Northern Three Townships (Little Rock, Bristol & Oswego Townships).²
- 2004/2005 Changes to include a more detailed plan for Fox and Kendall Townships.³

Additionally, subsequent changes were also made in 2008 to the Kendall County plan, at the height of the housing boom, to include supplemental plans such as the Fox River Corridor Plan.⁴

Specific Differences

Generally, the concerns of land use differences listed in the memo prepared by Kendall County indicates land being designated for commercial or mixed use business in their Land Use Resource Management Plan but identified as Suburban or Estate Residential in the Yorkville Comprehensive Plan Update.

Suburban and Estate Residential future land use designations in the Yorkville Comprehensive Plan Update intend to have single-family homes are the primary use. However, it is noted in the Land Use Strategy of the Yorkville Comprehensive Plan Update (page 80) the approach of the future land use designations was to establish a balance between land uses to ensure a stable and growing tax base and realistically address the changes experienced in the local and regional economic conditions. Although, the Yorkville Comprehensive Plan land use map is a guide to future development and zoning decisions, it is also meant to be adjusted and changed when circumstances warrant a change in planning direction in a given area of the City.

Staff has prepared the attached map to illustrate the location of the identified differences cited by Kendall County on the City's adopted Future Land Use Map for your review and consideration. As part of our analysis of Kendall County's map and memo, we did note that there were descriptive errors in cardinal directions (#4 listed as northeast should be northwest; #5 listed as southeast should be southwest and #6 listed as southeast should be southwest).

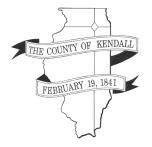
Kendall County staff has indicated that they will only use the information gathered in their memo to advise future county petitioners of the differences that exist between the two (2) plans and that they should contact the City of Yorkville prior to the submission of any application seeking land use related entitlements. It was further stated that Kendall County staff is uncertain if a committee of the County or the Kendall County Board itself will request changes to either document in the future.

City staff will be available at Wednesday night's meeting to discuss this matter in greater detail with the Planning and Zoning Commission and answer any questions from the members.

² http://www.co.kendall.il.us/wp-content/uploads/PBZ Section 06.pdf

³ http://www.co.kendall.il.us/wp-content/uploads/PBZ Section 07.pdf

⁴ http://www.co.kendall.il.us/wp-content/uploads/PBZ FoxRiverCorridor.pdf



DEPARTMENT OF PLANNING, BUILDING & ZONING

111 West Fox Street • Room 204

Yorkville, IL • 60560

Pox (630) 553, 4141

(630) 553-4141

Fax (630) 553-4179

MEMORANDUM

To: Ad-Hoc Zoning Ordinance Committee

From: Matthew H. Asselmeier, AICP, Senior Planner

Date: May 19, 2017

Re: Yorkville/Kendall County Future Land Use Plan Differences

At the March 22nd Ad-Hoc Zoning Ordinance Committee meeting, the Committee requested that Staff compare Yorkville's Future Land Use Map with the Future Land Use Map in the Land Resource Management.

Attached is a copy of the Yorkville Planning Area from the Land Use Resource Management. Differences are listed by number; the numbers on the map correspond to numbers listed below this paragraph.

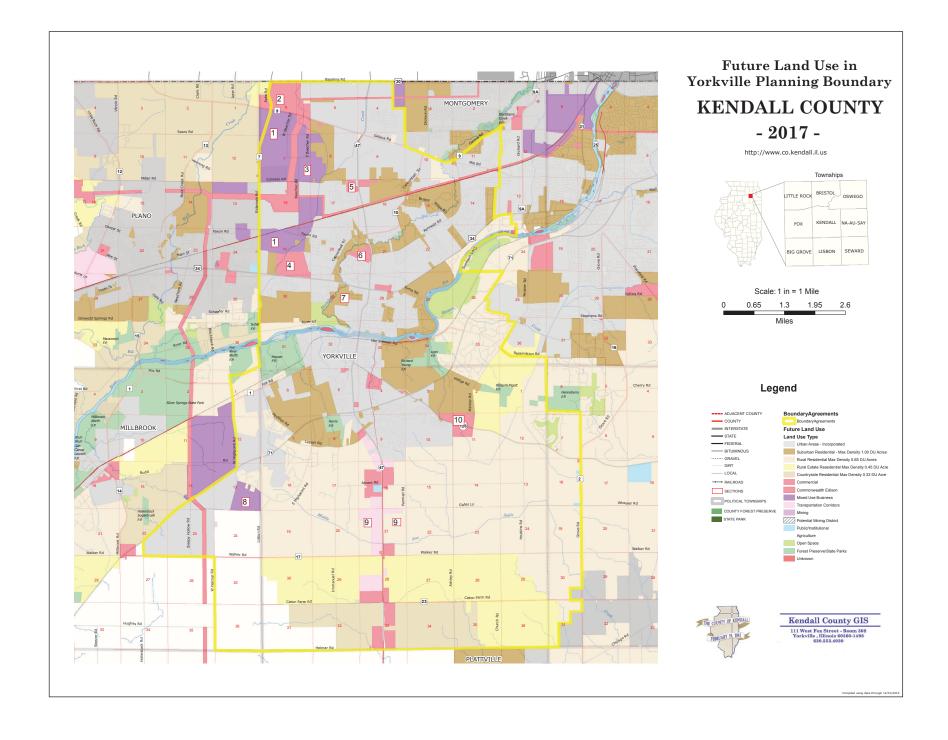
- 1. Eldamain Road The Land Resource Management Plan calls for this area to be Mixed Use Business. The Yorkville Plan calls for the area to be Estate Residential.
- 2. North Side of Galena Road Near Eldmain Road The Land Resource Management Plan calls for this area to be Commercial. The Yorkville Plan calls for the area to be Estate Residential.
- 3. Both Beecher Roads The Land Resource Management Plan calls for this area to Mixed Use Business. The Yorkville Plan calls for the area to be Estate Residential.
- 4. Northeast Corner of Route 34 and Beecher Road The Land Resource Management Plan calls for this area to be Commercial. The Yorkville Plan calls for the area to be Suburban Residential.
- 5. Southeast Corner of Route 47 and Corneils Road The Land Resource Management Plan calls for this area to be Commercial. The Yorkville Plan calls for the area to be General Industrial.
- 6. Southeast Corner of Route 47 and Cannonball Trail The Land Resource Management Plan calls for this area to be Commercial. The Yorkville Plan calls for the area to be Estate Residential.
- 7. Area along Blackberry Creek by River Road The Land Resource Management Plan calls for this area to be Suburban Residential. The Yorkville Plan calls for this area to be Parks or Institutional.
- 8. West Highpoint Road West of Lisbon Road The Land Resource Management Plan calls for this area to be Mixed Use Business. The Yorkville Plan calls for this area to be Estate Residential.

Ad-Hoc Memo May 15, 2017

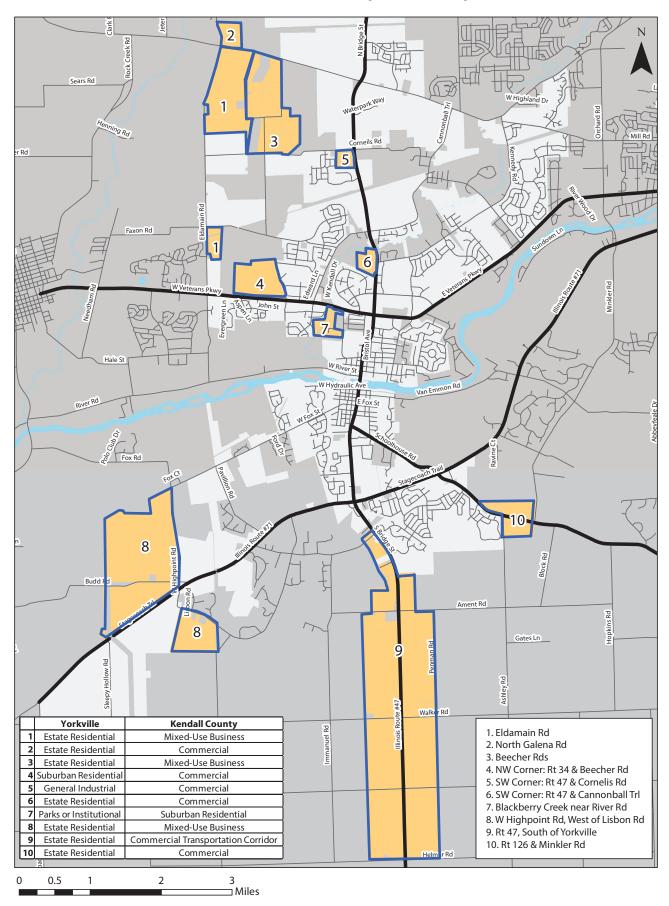
- 9. South of Yorkville City Limits The Land Resource Management Plan calls for Residential, Commercial and Transportation Corridor. The Yorkville Plan calls for this area to be Estate Residential and Agricultural Zone.
- 10. Route 126 at Minkler Road The Land Resource Management Plan calls for this area to be Commercial. The Yorkville Plan calls for this area to be Estate Residential.

MHA

ENC: Future Land Use in Yorkville Planning Boundary Map

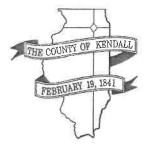


Future Land Use Map Discrepancies



Yorkville, IL | Kendall County, IL





DEPARTMENT OF PLANNING, BUILDING & ZONING

111 West Fox Street • Room 204 Yorkville, IL • 60560 (630) 553-4141 Fax (630) 553-4179

13 November 2019

Mayor John P. Purcell United City of Yorkville 800 Game Farm Road Yorkville, IL 60560

RE: Future Land Use Maps of the United City of Yorkville and the Eldamain Rd. Corridor

Dear Mr. Mayor:

As you may be aware, the State of Illinois has included the Eldamain Rd Bridge in its IDOT 5 Year Plan. This is wonderful news for the County and the City as this bridge will be a key component in the creation of another north-south corridor through Kendall County. In addition, we have become aware of the addition of a site off Eldamain Rd, Lincoln Prairie South, that has been designated by BNSF Railway as ready for business development.

As such, the Kendall County Planning, Building, and Zoning Committee would like to ask the United City of Yorkville to revisit its Comprehensive Plan of the United City of Yorkville and the Future Land Use Map for the Eldamain Rd. Corridor and surrounding areas and align it with the Kendall County Land Resource Management Plan:

- Eldamain Road The Kendall County Land Resource Management Plan calls for this area to be Mixed Use Business. The Yorkville Plan calls for the area to be Estate Residential.
- North Side of Galena Road Near Eldamain Road The Kendall County Land Resource Management Plan calls for this area to be Commercial. The Yorkville Plan calls for the area to be Estate Residential.

Kendall County desires the Eldamain Rd. Corridor to be a Business Corridor for economic development and to limit conflicting land uses on adjoining properties and to provide a smooth transition between uses found in more urban/suburban areas and uses found in rural areas. We also wish to avoid confusion for property owners and developers desiring to alter their land uses.

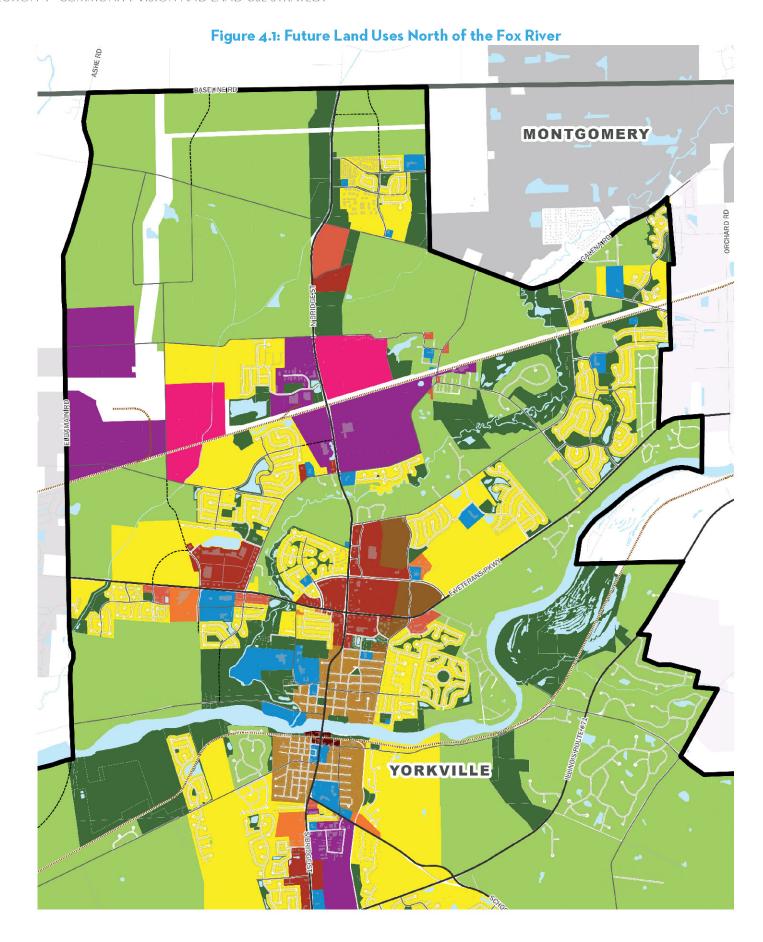
Accordingly, we request a meeting with you and your staff to go over these differences and see if how we can resolve the differences between our respective Future Land Use Maps. Please let me know if this request is possible by contacting me at 630-466-7204 or at mprochaska@co.kendall.il.us.

Sincerely,
Matthew & Prochasker

Matthew G. Prochaska

Planning, Building, and Zoning Committee Chairman

cc: Bart Olsen, Administrator of the United City of Yorkville City Council of the United City of Yorkville



LAND USE CHANGES

The Land Use Strategy and Future Land Use Map presented above describes the distribution of general land use categories (Residential, Commercial, industrial, Open Space and Parks, and so on) that will set the framework for achieving the goals of the Comprehensive Plan. It is not a zoning map but should set the stage for future changes and modifications to the Yorkville Zoning Ordinance. The Land Use Strategy seeks to "re-position" Yorkville's future land use pattern given current development conditions in Yorkville since the 2008 economic downturn and the unlikelihood that the Prairie Parkway will be constructed within this Plan's time horizon. Several changes in land use classifications are proposed from those included in the 2008 Comprehensive Plan. Changes in the land use categories are summarized below:

RESIDENTIAL

A Mid-Density Residential land use zone is proposed in order to encourage new multi-family housing types in Yorkville; new housing types could diversify housing opportunities and provide housing at different price points that what is currently offered in Yorkville's housing market. The Rural Neighborhood land use classification in the 2008 Comprehensive Plan is eliminated given that such residential development is unlikely to occur in the southeastern portions of the Yorkville planning area where there are significant infrastructure and market constraints. The primary infrastructure constraint is the need to construct a lift station along a ridge line, generally located south of Illinois Route 71. In its place, an Estate/Conservation Residential land use category has been created to accommodate large-lot residential development in areas where infrastructure exists and smaller-lot single family residential subdivisions are less likely

to be supported by market demand. Conservation subdivisions should also be encouraged in order to preserve significant environmental and topographical features, provide alternative housing types, and provide opportunities to expand Yorkville's open space network. A Metra Station TOD zone is also included to plan accordingly for future development even if the Metra Station is years away from construction.

COMMERCIAL

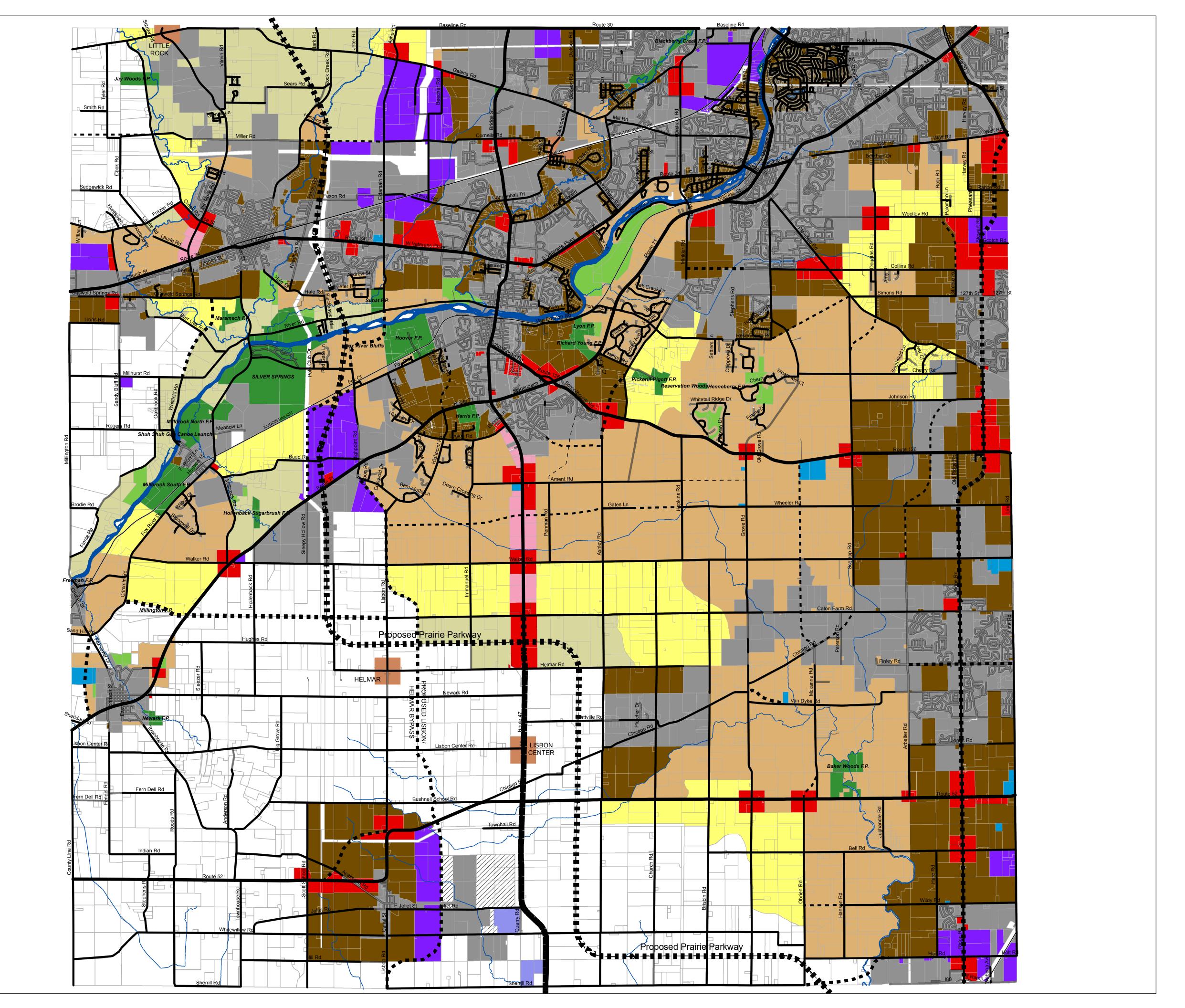
Several new commercial land use categories are suggested in this Comprehensive Plan. A Downtown Mixed-Use Core zone is intended to focus revitalization and redevelopment efforts in Yorkville's traditional downtown; new mixed-use development is envisioned on various opportunity sites that expand the Downtown's footprint further to the east on Van Emmon Street with potential residential and commercial development. The need to address particular development design and land use issues within the Downtown necessitates the need for a Downtown-specific land use classification.

The general Commercial land use classification in the 2008 Plan is now designated Destination Commercial to recognize that a high percentage of commercial land in Yorkville accommodates large format and chain store formats, usually located along major transportation thoroughfares. Destination Commercial uses have their own particular physical design and development issues and should be distinguished from commercial uses located in the Downtown and in neighborhood retail areas.

A Commercial Office land use category has been created to accommodate small-scaled office uses in single developments or as part of an office park setting;

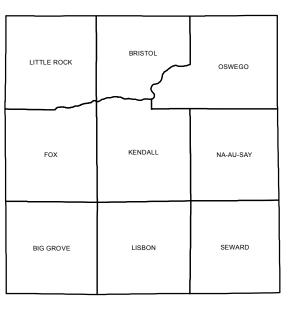


Figure 4.1 - Future Land Uses North of the Fox River



Future Land Use Plan

Kendall County, Illinois



LEGEND

Urbanized Areas (Incorporated)

Suburban Residential (Max Density = 1.00 DU/Acre)

Rural Residential

(Max Density = 0.65 DU/Acre)*

Rural Estate Residential

(Max Density = 0.45 DU/Acre)

Countryside Residential (Max Density = 0.33 DU/Acre)

Commercial

Mixed Use Business

Transportation Corridors

Mining

Potential Mining District

Public/Institutional

Hamlets

Agricultural

Open Space

Forest Preserves/State Park

Natural Resource Areas

*Note: Additional Density Bonuses up to 0.85 DU/Acre may be applicable; refer to individual township summaries for explanation of density bonuses

REVISIONS

RESOLUTION	DATE	CHANGE
2001-06	4/17/2001	MODIFIED CATEGORIES TO COORDINATE WITH PLANNED DEVELOPMENT ZONING; ADDED COMMERCIAL NODES AND UPDATE OF SEWARD AND NA-AU-SAY TOWNSHIPS
2002-11	06/2002	ADDED RURAL RESIDENTIAL AND COMMERCIAL AREAS AROUND NEWARI AND USBON TO REFLECT THE ADOPTED FUTURE LAND USE RECOMMENDATIONS FOR BIG GROVE TOWNSHIPS
2003-14	6/17/2003	MODIFIED CATEGORIES TO COORDINATE WITH THE FUTURE LAND USE PLAN FOR THE NORTHERN THREE TOWNSHIPS
		ADDED FUTURE LAND USE AREAS IN LITTLE ROCK, BRISTOL, AND OSWEGG TOWNSHIPS TO REFLECT THE ADOPTED LAND USE RECOMMENDATIONS FOR THE NORTHERN THREE TOWNSHIPS AND REFLECT RECENT MUNICIPAL ANNEXATIONS BY JOLIET AND MINOOKA
2004-04	3/16/2004	ADDED FUTURE LAND USE AREAS IN NA-AU-SAY TOWNSHIP TO REFLECT THE ADOPTED LAND USE RECOMMENDATIONS FOR THE NA-AU-SAY TOWNSHIP/EAST ROUTE 126 CORRIDOR PLAN
2005-08	3/15/2005	ADDED FUTURE LAND USE AREAS IN FOX AND KENDALL TOWNSHIPS TO REFLECT ADOPTED LAND USE RECOMMENDATIONS
2005-25	12/20/2005	ADDED & UPDATED FUTURE LAND USE AREAS IN LISBON, SEWARD, AND SOUTHERN NA-AU-SAY TOWNSHIPS TO REFLECT ADOPTED LAND USE RECOMMENDATIONS
	8/22/2007	UPDATED PRAIRIE PARKWAY ALIGNMENT (PREFERRED ALTERNATIVE BS ALIGNMENT ANNOUNCED BY IDOT ON 06/01/07)
2008-24 2008-25	06/2008	UPDATED FUTURE LAND USE AREAS IN FOX, KENDALL, AND BIG GROVE TOWNSHIPS TO REFLECT ADOPTED LAND USE RECOMMENDATIONS FROM TOWNSHIP LRMP UPDATES AND THE FOX RIVER CORRIDOR PLAN
2009-03	1/20/2009	UPDATED COUNTY AND TOWNSHIP LRMP MAPS BASED ON THE LAND US MAP FOR THE ROUTE 126/MINKLER ROAD AERA

LAST REVISED - OCTOBER 2015 ORIGINAL ADOPTION - MARCH 1994



3.5 Miles 1.75



This work is provided as is, without warranty of any kind, either expressed or implied. The information represented may contain proprietary and confidential property of Kendall County Illinois. Under United States Copyright protection laws you may not use, reproduce, or distribute any part of this document without prior written permission. To obtain written permission please contact Kendall County GIS at 111 W Fox St, Yorkville, IL 60560.

5-24



Memorandum

To: Planning and Zoning Commission From: Jason Engberg, Senior Planner CC: Bart Olson, City Administrator

Krysti J. Barksdale-Noble, Community Development Director

Date: February 5, 2020

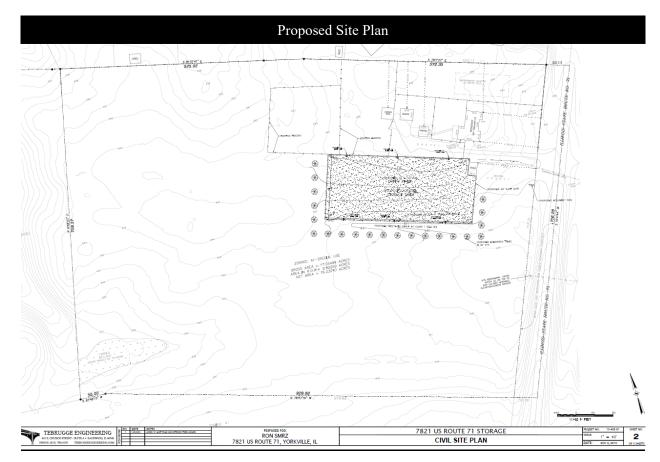
Subject: PZC 2020-04 - County Case 19-34 7821 Route 71 (special use)

1.5 Mile Review

SUMMARY:

Staff has reviewed a request from Kendall County Planning and Zoning Department along with the subsequent documents attached. This property is located within one and a half miles of the planning boundary for Yorkville, allowing the City the opportunity to review and provide comments to Kendall County. The petitioner, Ronald Smrz on behalf of the Ronald Smrz Trust, is requesting special use authorization to establish a storage business for non-motorized pull behind campers at 7821 Route 71. The 17-acre parcel is located approximately 0.15 miles south of Van Emmon Road on the west side of Route 71. The petitioner plans on utilizing about 1 acre of their property for this land use.





PROPOSED PROJECT:

According to the site plan, as shown in the illustration above, the petitioner plans to offer rental space for fifty-one (51) parking stalls to store non-motorized pull behind campers. Prospective renters would meet with the petitioner at the property at a pre-arranged time to view the property, sign a contract, and receive their access code to store their vehicle.

The storage will be a gravel area surrounded by a 6-foot-tall chain link fence and evergreen trees located to the east, south, and west sides of the area. Additionally, there will be a gravel drive leading up to the storage area which will provide 15 parking spaces for patrons. The petitioner plans to use the existing storage building as an office for the business and does not plan on building any new structures.

The business will be open for operation from 6:30AM until 9:00PM and it will be run by the petitioner and his wife. They will be the only employees of this business. The petitioner's findings of fact and Kendall County's recommendations for the special use may be found on pages 5 and 6 of the attached County Memorandum.

The petitioner originally submitted plans which indicated less landscaping and permitted recreational vehicles and boats. Several residential neighbors spoke against the petition at the Kendall County Zoning Board of Appeals meeting. Therefore, the petitioner has provided additional landscape screening and will only allow pull trailers which due not contain any gasoline or oil.



FUTURE TRAILS:

The Yorkville Integrated Transportation Plan designates a proposed conceptual trail along Route 71 through this property. The City has no immediate plans to add this trail as it is outside the City's jurisdiction and would require a large amount of land to be annexed before a City trail could be built. Also, the Kendall County Land Resource Management Plan has a multi-use path designated along the frontage of the road as well. Therefore, there are no requirements be requested from the City, but we would like the petitioner to be aware of the general future transportation plans in the area.

YORKVILLE COMPREHENSIVE PLAN:

Yorkville's 2016 Comprehensive Plan designation for this property is Estate/Conservation Residential. This future land use is intended to provide flexibility for residential design in areas of Yorkville that can accommodate low-density detached single-family housing but also include sensitive environmental and scenic features that should be retained and enhanced. The most typical form of development within this land use will be detached single family homes on large lots.

After review of the petitioner's request, the proposed special use will not conform to Yorkville's future land use in its Comprehensive Plan. While this may be the case, the property is not likely to be annexed into the City within the 10-year horizon of the plan. Also, if the property was brought into the City, it would most likely be part of a redevelopment project which would have this use removed. Due to the long timeframe of annexation and the likelihood of the land use being removed upon development, the alignment with the City's Comprehensive Plan is not as vital as properties and developments already within City limits.

Economic Development Committee

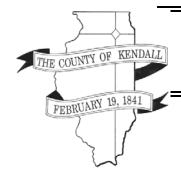
The Economic Development Committee did not have any outright objections to the request. A member was contacted by a neighboring property owner to let them know that they object to the request. Members emphasized to provide as much screening as possible to help mitigate the negative visual impacts to the residential neighbors.

Staff Recommendation & Comments

Staff has reviewed the request for special use authorization and *does not* have an objection to the petitioner's request. Staff is seeking input from the Planning and Zoning Commission for this request.

Attachments

- 1. Application with Attachments
- 2. Kendall County Zoning Board Minutes



DEPARTMENT OF PLANNING, BUILDING & ZONING

111 West Fox Street • Room 203
Yorkville, IL • 60560

(630) 553-4141

Fax (630) 553-4179

Petition 19-34

Ron Smrz on Behalf of the Ronald Smrz Trust
A-1 Special Use – Storage of Motor Vehicles, Boats,
Trailers and Other Recreational Vehicles

INTRODUCTION

Ron Smrz, on behalf of the Ronald Smrz Trust, would like to establish a storage business for boats and RVs at the subject property. The application material, site plan and **amended site plan** are included as Attachments 1 and 2 respectively.

The property was granted a special use permit for the retail sale of nursery stock through Ordinance 1985-10, a copy of which is included as Attachment 3. This proposal will not impact the existing special use permit.

SITE INFORMATION

PETITIONER Ronald Smrz on Behalf of the Ronald Smrz Trust

ADDRESS 7821 Route 71

LOCATION Approximately 0.15 Miles South of the Intersection of Route 71 and Van Emmon Road on the West Side of Route 71



TOWNSHIP Oswego

PARCEL # 02-35-151-003

LOT SIZE 17 +/- Acres; 1 +/- Acre for Special Use Permit Area

EXISTING LAND Agricultural/Farmstead/Landscaping Business USE

ZPAC Memo – Prepared by Matt Asselmeier – September 24, 2019 (Revised 12/30/19) Page 1 of 5

ZONING A-1 Agricultural District

LRMP

Current Land Use	Agricultural
Future Land Use	Rural Residential (Max 0.6 Du/Acre)
Roads	Route 71 is a State Highway Classified as an Arterial. Route 71 is also Classified as a Scenic Road at this Property.
Trails	Yorkville has a Trail Planned Along Route 71.
Floodplain/ Wetlands	There is a Farmable Wetland on the Property Consisting of Approximately 0.11 Acres.

REQUESTED ACTION

A-1 Special Use to Operate a Storage of Motor Vehicles, Boats, and Recreation Vehicles

APPLICABLE Section 7.01 D.50 – A-1 Special Uses – Permits Storage facilities for motor vehicles, REGULATIONS boats, trailers, and other recreational vehicles provided that the business shall be located on, and have direct access to, a State, County or Collector Highway as identified in the County's LRMP, having an all-weather surface, designed to accommodate loads of at least 73,280 lbs. Unless specifically permitted under a special use permit, all storage shall be in enclosed buildings. Self-storage or miniwarehouse facilities are specifically prohibited in the Agricultural District.

Section 13.08 – Special Use Procedures

SURROUNDING LAND USE

Location	Adjacent Land Use	Adjacent Zoning	Land Resource Management Plan	Zoning within ½ Mile
North	Single-Family Residential	R-3	Rural Residential (Max 0.6 DU/Acre)	A-1, A-1 SU, and R-3
South	Agricultural/Farmstead	A-1	Rural Residential/Open Space/Forest Preserve	A-1, A-1 BP, A-1 SU, and R-3 PUD
East	Single-Family Residential	A-1, A-1 SU, and R-3 PUD	Rural Residential	A-1, R-3 PUD, and RPD-2
West	Single-Family Residential and Wooded	A-1 and R-1	Rural Residential	A-1 and R-3

The special use permit to the north is for a campground. The special use permit to the east is for a landscaping business.

Lyon Farm is located south of the subject property.

The Richard Young and Lyon Forest Preserves are in the vicinity.

The aerial of the property is included as Attachment 4.

Pictures of the property are included as Attachments 6-10.

PHYSICAL DATA

ENDANGERED SPECIES REPORT

EcoCat submitted on June 6, 2019, as part the Wetland Delineation Report and found the Fox River INAI Site and Yorkville Seep INAI Site in the area. (see Attachment 5, Pages 23-25). The entire Wetland Delineation Report is included as Attachment 5. The Petitioner submitted a formal EcoCat on December 23, 2019, and no negative impact were foreseen.

NATURAL RESOURCES INVENTORY

NRI application submitted on August 2, 2019 (see Attachment 1, Page 12).

ACTION SUMMARY

OSWEGO TOWNSHIP

Oswego Township was emailed information on September 24, 2019. The revised site plan was emailed on December 31, 2019.

BRISTOL-KENDALL FIRE PROTECTION DISTRICT

The Bristol-Kendall Fire Protection District was emailed information on September 24, 2019. The revised site plan was emailed on December 31, 2019.

UNITED CITY OF YORKVILLE

The United City of Yorkville was emailed information on September 24, 2019. The revised site plan was emailed on December 30, 2019.

ZPAC

ZPAC met on this proposal on October 1, 2019. Discussion occurred at that meeting regarding obtaining a variance to the Stormwater Management Ordinance. In the ensuing months, the Petitioner decided not to pursue the variance and amended the site plan to meet the requirements of the Kendall County Stormwater Management Ordinance. The minutes of the October ZPAC meeting are included as Attachment 12.

BUSINESS OPERATION

According to revised site plan, the Petitioner plans to offer rental space for fifty-one (51) parking stalls which is down from the two hundred (200) rental units in the original proposal. The Petitioner also provided a lighting plan showing six (6) new light poles, each twenty feet (20') in height. The proposed hours of operation are daily from 6:00 a.m. until 9:00 p.m.

Prospective renters would meet with the Petitioner at the property at a pre-arranged time to view the property, sign a contract, and receive their access code. The Petitioner plans to use the existing storage building shown in Attachment 6 as the office for the business.

The Petitioner and his wife would be the only employees of the business.

BUILDING AND BUILDING CODES

No new structures are planned for the property. A new occupancy permit might be required for the existing storage building.

Staff would like comments from the Bristol-Kendall Fire Protection District regarding any life safety code concerns.

ENVIRONMENTAL HEALTH

The location of the well was shown on the proposed site plan south of the existing house. No bathrooms or potable water sources would be available to patrons of the storage business.

STORMWATER

The Petitioner indicated that the storage area would have a gravel base.

The site plan shows the proposed use to be away from the farmable wetland.

The Petitioner plans to monitor the site for motor vehicle related leaks and would remove ZPAC Memo – Prepared by Matt Asselmeier – September 24, 2019 (Revised 12/30/19) Page 3 of 5

contaminated gravel from the property.

ROAD ACCESS

The property fronts Route 71 and an existing access point off of Route 71 exists.

The Illinois Department of Transportation provided comments regarding this proposal which are included as Attachment 11. A new access permit will be required.

Staff would also like comments from the United City of Yorkville regarding the proposed trail in this area.

PARKING AND INTERNAL TRAFFIC CIRCULATION

Parking will occur in the gravel areas east of the existing building shown on Attachment 6. The Petitioner plans to have fifteen (15) parking spaces. Per the Americans with Disabilities Act, at least one (1) of these spaces must be handicapped accessible.

LIGHTING

The Petitioner plans to install lighting on the exterior of the shed shown in Attachment 6.

SIGNAGE

The Petitioner plans to install a sign along Route 71. The sign must meet all of requirements of the Kendall County Zoning Ordinance and must not be illuminated.

LANDSCAPING

The Petitioner plans to remove the three (3) existing Norway Spruce trees shown in Attachment 6. The Petitioner plans to plant seven (7) evergreens that will be between approximately four feet and six feet (4'-6') in height at the time of planting. The evergreens will be placed southeast of the parking area. The evergreens will be planted by the end of May 2020. A vegetative swale is also planned for south of the parking area.

SECURITY

The Petitioner indicated that the storage area will have a chain-link fence around the storage area. The fence is planned to be six feet (6') in height.

There will be a twenty foot (20') wide automatic gate on the east side of the storage area to control access to the area. The gate will be adjacent to the shed shown in Attachment 6.

A security monitoring system will also be installed with cameras on the shed shown in Attachment 6.

NOISE CONTROL

No information was provided regarding noise control.

ODOR CONTROL

No new odors are foreseen.

LITTER CONTROL PLAN

While very little trash or litter is expected to be generated by the proposed, no plans for litter control were provided.

RELATION TO OTHER SPECIAL USES

If approved, this would be the fifth active special use permit for this type of storage in unincorporated Kendall County.

GENERAL

The Petitioner currently resides in the house on the property.

The Petitioner agreed that all items stored on the property would remain licensed and in good working order. The Petitioner agreed to follow the Kendall County Inoperable Vehicle Ordinance and the Junk and Debris Ordinance. The Petitioner also agreed that none of the vehicles stored as part of the special use permit would be for agricultural purposes.

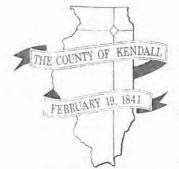
ZPAC Memo – Prepared by Matt Asselmeier – September 24, 2019 (Revised 12/30/19) Page 4 of 5

RECOMMENDATION

Before issuing a recommendation, Staff would like more information from the Petitioners and comments from ZPAC members and the Bristol-Kendall Fire Protection District.

ATTACHMENTS

- 1. Application Materials
- 2. Site Plan and Amended Site Plan with Lighting Plan
- 3. Ordinance 1985-10
- 4. Aerial
- 5. Wetland Delineation Report (Including EcoCat Information)
- 6. Storage Building
- 7. Looking West
- 8. Looking South
- 9. Looking North (Towards Site)
- 10. Looking East
- 11. 9-19-19 IDOT Email
- 12. October 1, 2019 ZPAC Minutes



DEPARTMENT OF PLANNING, BUILDING & ZONING

111 West Fox Street • Yorkville, IL • 60560 (630) 553-4141 Fax (630) 553-4179

APPLICATION

PROJECT NAME _	RT	11	STORAGE	FILE #: 19-31
The second secon				

NAME OF APPLICANT		
RONALD	5MRZ	
CURRENT LANDOWNER/NAM		
RONALD SMRZ	- /TRUST	
SITE INFORMATION ACRES		ID NUMBER (PIN)
16.9	7821 RT 71 YORKTULE IL 02	35151003
EXISTING LAND USE	CURRENT ZONING LAND CLASSI	FICATION ON LRMP
FARMING/LANDSCAPE	AG-30	
REQUESTED ACTION (Check A	All That Apply):	
X SPECIAL USE	MAP AMENDMENT (Rezone to)	VARIANCE
ADMINISTRATIVE VARIA	NCE A-1 CONDITIONAL USE for:	SITE PLAN REVIEW
TEXT AMENDMENT	RPD (Concept; Preliminary; Final)	ADMINISTRATIVE APPEAL
PRELIMINARY PLAT	FINAL PLAT	OTHER PLAT (Vacation, Dedication, etc.)
	AL USE (Major; Minor)	
PRIMARY CONTACT	PRIMARY CONTACT MAILING ADDRESS	DRIMAKT CONTACT EWIAIL
RONALD SMRZ		'
PRIMARY CONTACT PHONE #	PRIMARY CONTACT FAX #	PRIMARY CONTACT OTHER #(Cell, etc.)
² ENGINEER CONTACT	ENGINEER MAILING ADDRESS	ENGINEER EMAIL
ENGINEER PHONE #	ENGINEER FAX #	ENGINEER OTHER # (Cell, etc.)
COUNTY STAFF & BOAR	RY SIGNING THIS FORM, THAT THE PROPERTY RD/ COMMISSION MEMBERS THROUGHOUT T RT LISTED ABOVE WILL BE SUBJECT TO ALL C	HE PETITION PROCESS AND THAT
I CERTIFY THAT THE IN	FORMATION AND EXHIBITS SUBMITTED ARE DOGE AND THAT I AM TO FILE THIS APPLICATION	
SIGNATURE OF APPLIC	CAN	DATE
	7	9/9/19
	FEE PAID:\$ 1155.	RECEIVED

¹Primary Contact will receive all correspondence from County
²Engineering Contact will receive all correspondence from the County's Engineering Consultants
KENDALL COUNTY
PLANNING, BUILDING
& ZONING

Date Stamp Here If Checklist Is Complete

PROPOSED BOATHTOCHMENT IN PAGE 2-ORAGE 2.2. ACRES

200 UNITS

GRAVEL BASK

AUTOMATIC GATE ACCESS

EVERGREEN TREES ON EAST + NORTH SIDES

CHAIN LINK FENCE AROUND COMPLETE Z.Z. ACRES.

FULL YEAR STORAGE.

SECURITY CAMERA MONITOR SYSTEM

That part of the Northeast Quarter of Section 34 and part of the West Half of Section 35, Township 37 North, Range 7 East of the Third Principal Meridian described as follows: Commencing at the angle point in the Southerly line of a subdivision known as "Ponderosa, Oswego Township, Kendall County, Illinois"; thence Easterly along said Southerly line and said line extended 1,000.21 feet; thence Southeasterly along a line forming an angle clockwise therefrom 17.50 feet for the point of beginning; thence Southeasterly along the continuation of the last described course, 525.02 feet; thence Southeasterly along a line forming an angle of 176° 15' 46" with the last described course, measured course, 525.02 feet; thence Southeasterly along a line forming an angle of 176° 15' 46" with the last described course, measured counter-clockwise therefrom, 572.30 feet to the center line of Illinois State Route No. 71; thence Southwesterly along said center line 716.28 feet to a point which is 2,617.14 feet Northeasterly of, measured along said center line and the extension thereof, the intersection of said extended center line and the South line of said Section 35, thence Northwesterly along a line which forms an angle of 95° 02' 00' with the last described course, measured counter-clockwise therefrom, 929.88 feet; thence Westerly along a line which forms an angle of 166° 45' 31" with the last described course measured clockwise therefrom, 55.0 feet; thence Northeasterly 709.57 feet to the point of beginning, in Oswego Township, Kendall County, Illinois, and containing 17.055 acres.

Tax Identification Number: 03-35-151-003

Common Address: 7821 Route 71, Aprille Illinois 60560

1

WARRANTY DEED IN TRUST

THIS INDENTURE WITNESSETH, THAT THE GRANTORS, RONALD O. SMRZ, a single person, JULIE A. SMRZ, a single person, and MARYANN B. SMRZ, by marriage, MARYANN B. SMRZ TYSZKA, a married person not residing on the real estate, of the County of Kendall, and State of Illinois, for and in consideration of Ten & NO/100

(\$10.00) Dollars, and other good and valuable considerations, in hand paid, the receipt of which is hereby acknowledged, Convey and Warrant BANK OF LYONS, an Illinois Banking Corporation, whose address is 8601 West Ogden Avenue, Lyons, Illinois 60534, as Trustee under the provisions of a trust agreement dated the 31st day of October, 1996, known as Trust Number 4165 the following described real estate in the County of Kendall and State of Illinois, to-wit:

SEE ATTACHED LEGAL DESCRIPTION

Common Address: 7821 Route 71, Yorkville, (I)

Permanent Real Estate Index No.: 03-35-151-003

TO HAVE AND TO HOLD the said prewises with the appurtenances thereunto upon the trusts and for the uses and purposes herein and in

thereunto upon the trusts and for the uses and purposes herein and in such trust agreement set forth.

Full power and authority is hereby granted to said trustee to improve, manage, protect and subdivide said premises or any part thereof, to dedicate parks, streets, highways or alleys and to vacate any subdivision of part thereof, and to resubdivide said property as often as desapped to contract to sell, to grant options to purchase, to sell on any terms, to convey either with or without consideration, to convey said premises or any part thereof to a successor successors in trust and to grant to such successor or successors in trust all of the title, estate, powers and authorities vested in said trustee, to donate, to dedicate, to mortgage, pledge or otherwise encumber said property, or any part thereof, to lease said property, or any part thereof, to lease said property, or any part thereof, from time to time, in possession or reversion, by leases to commence in praesenti or in future, and upon any terms and for any period or periods of time, not exceeding in the case of any single demise the term of 198 years, and to renew or extend leases upon any terms and for any period or periods of time and to amend, change or modify leases and the terms and provisions thereof at any time or times hereafter, to contract to make leases and to grant options to lease and options to renew leases and options to purchase the whole or any part of the reversion and to contract respecting the manner of fixing the amount of present or future rentals, to partition or to exchange said property, or any part

thereof, for other real or personal property, to grant easements or changes of any kind, to release, convey or assign any right, title or interest in or about or easement appurtenant to said premises or any part thereof, and to deal with said property and every part thereof in all other ways and for such other considerations as it would be lawful for any person owning the same to deal with the same, whether similar to or different from the ways above specified, at any time or times hereafter.

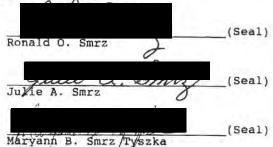
In no case shall any party dealing with said trustee in relation to said premises, or to whom said premises or any part thereof shall be conveyed, contracted to be sold, leased or mortgaged by said trustee, be obliged to see to the application thereof shall be conveyed, contracted to be sold, leased or mortgaged by said trustee, be obliged to see to the application of any purchase money, rent, or money borrowed or advanced on said premises, or be obliged to see that the terms of this trust have been compiled with, or be obliged to inquire into the necessity or expediency of any act of said trustee, or be obliged or privileged to inquire into any of the terms of said trust agreement; and every deed, trust deed, mortgage, lease or other instrument executed by said trustee in relation to said real estate shall be conclusive evidence in favor of every person relying upon or claiming under any such conveyance, lease or other instrument (a) that at the time of the delivery thereof the trust created by this Indenture and by said trust agreement was in full force and effect, (b) that such conveyance or other instrument was executed in accordance with the trusts, conditions and limitations contained in this Indenture and in said trust agreement or in some amendment thereof and in said trust agreement or in some amendment thereof and binding upon all beneficiaries thereunder, (c) that said trustee was duly authorized and empowered to execute and deliver every such deed, trust deed, lease, mortgage or other instrument and (d) if the conveyance is made to a successor or successors in trust, that such successor or successors or successors in trust, that such successor or successors or successors in trust, that the interest of each and every beneficiarly hereunder and of all persons claiming under them or any of them shall be only in the earnings, avails and proceeds arising from the sale or other disposition of said real estate, and such interest is hereby declared to be personal property and no beneficiary hereunder shall have any title or interest, legal or equitable, in or to said real estate as such but only an interest in the earnings, avails and proceeds thereof as afbresaid.

If the title to any of them show lands is now or hereafter

said real estate as such, but only an interest in the earnings, avails and proceeds thereof as afbresaid.

If the title to any of the above lands is now or hereafter registered, the Registrar of Titles is hereby directed not to register or note in the certificate of title or duplicate thereof, or memorial, the words "in trust", or "upon condition", or "with limitations" or words of similar import, in accordance with the statute in such case made and provided. And the said grantors hereby expressly waive and release any and all right or benefit under and by virtue of any and all statutes of the State of Illinois, providing for the exemption of homesteads from sale on execution or otherwise.

IN WITNESS WHEREOF, the grantors aforesaid have hereunto set their hands and seals this 31st day of October, 1996.



STATE OF ILLINOIS

COUNTY OF KENDALL

SS

I, the undersigned, a Notary Public, in and for said County and State aforesaid, DO HEREBY CERTIFY THAT RONALD O. SMRZ, JULIE A. SMRZ and MARYANN B. SMRZ TYSZKA, personally known to me to be the same persons whose names are subscribed to the foregoing instrument, as having executed the same, appeared before me this day in person and acknowledged that they signed, sealed and delivered the said instrument as their free and voluntary act for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand Notarial Seat this west of part of the 1996.

Notary Public

Future Taxes To:

Ronald O. Smrz

7821 Route 71

Yorkville, IL 60560

Document To:

Thomas Grant, Attorney at Law

Yorkwille, IL 60560

This Instrument Prepared By: Thomas W. Grant, Attorney at Law

Whose Address is: P.O. Box 326, Norkville, IL 60560

DW15\A:\SMRZ.DD

That part of the Northeast Quarter of Section 34 and part of the West Half of Section 35, Township 37 North, Range 7 East of the Third Principal Meridian described as follows: Commencing at the angle point in the Southerly line of a subdivision known as "Ponderosa, Oswego Township, Kendall County, Illinois"; thence Easterly along said Southerly line and said line extended 1,000.21 feet; thence Southeasterly along a line forming an angle of 178° 36' 34" with the last described course, measured clockwise therefrom 17.50 feet for the point of beginning; thence Southeasterly along the continuation of the last described course, 525.02 feet; thence Southeasterly along a line forming an angle of 176° 15' 46" with the last described course, measured counter-clockwise therefrom, 572.30 feet to the center line of Illinois State Route No. 71; thence Southwesterly along said center line 716.28 feet to a point which is 2,617.14 feet Northeasterly of, measured along said center line and the extension thereof, the intersection of said extended center line and the South line of said Section 35, thence Northwesterly along a line which forms an angle of 95° 02' 00' with the last described course, measured counter-clockwise therefrom, 929.88 feet; thence Westerly along a line which forms an angle of 95° 02' necessaried clockwise therefrom, 55.0 feet; thence Northeasterly 709.57 feet to the point of beginning, in Oswego Township, Kendall County, Illinois, and containing 17.055 acres.

Tax Identification Number: 03-35-151-003

Common Address: 7821 Route 71, Nockville, Allinois 60560

Attachment 1, Page 8

PLAT ACT AFFIDAVIT

STATE OF ILLINOIS

COUNTY KENDALL |

THOMAS W. GRANT,	being duly sworn on oath, states
that _he resides at 39 Meyer Street, Plano, IL	
the attached deed is not in violation of Section 205	5/1 of Chapter 765 of the Illinois
Compiled Statutes for one of the following reasons:	
1. The sale or exchange is of an entire tract of land not being a p 2. The division or subdivision of land is into parcels or tracts involve any new streets or easements of access. 3. The division is of lots or blocks of less than 1 acre in any reany new streets or easements of access. 4. The sale or exchange of parcels of land is between owners of a function of the sale or exchange of parcels of land or interests therein for public utility facilities, which does not involve any new streets or easements of access. 6. The conveyance is of land owned by a railroad or other put streets or easements of access. 7. The conveyance is of land for highway or public purpose dedication of land for public use or instruments relating to the vace of the conveyance is made to correct descriptions in prior conveyance. The sale or exchange is of parcels or tracts of land following the particular parcel or tract of land existing on July 17, 1957, and no access. 10. The sale is of a single lot of less than 5 acres from a larger that having been determined by the dimensions and on 1973, and no sale prior to this sale, of any lot or lots from sald larger tract having taken place since October 1, been made by a registered land surveyor.	corded subdivision which does not involve adjoining and contiguous land. If use as right-of-way for railroads or other isements of access. Olic utility which does not involve any new or grants or conveyances relating to the attor of land impressed with a public use. Wances whe division into no more than two parts of a politicity of land involving any new streets or easements of the conveyances of a politicity of the dimensions and configurations of infiguration of said larger tract on October 1.
CIRCLE NUMBER FROM FIRST PAGE WHICH IS AP	PLICABLE TO ATTACHED DEED.
AFFIANT further states that _he makes this affic	dougt for the number of indusing the
	accept the attached deed for
recording, and that all local requirements applicable to the attached deed and the tract described therein. Thom SUBSCRIBED and SWORK to before my this	day of Deermbh . A.D. 1996
"OFFICIAL SEAL" TODD A OSBRON NOTARY PUBLIC STATE OF ILLINOIS MY COMMISSION EXPIRES 3/23/98	Notary Public
And the state of t	PAA REV 12/94

StAttackmenting Page 9

Department of Revenue
STATEMENT OF EXEMPTION UNDER REAL ESTATE TRANSFER TAX ACT

I hereby declare that the attached represents a transaction exempt under provisions of Paragraph \underline{e} , Section 4, of the Real Estate Tax Act as set forth below.

	Dated this 6 H day of December 1996
	Signature of Buyer, Seller or thru Representative
REC	ORDER'S DEED NUMBER(OR) RECORDER'S RECORDING STAMP IMPRINT
DAT	E RECORDED
	INSTRUCTIONS
1.	The following deeds shall be exempt from the Stamp and/or Declaration provisions of this Act and shall be accompanied be this Form in lien of a Declaration at the time deed is presented for recordation:
	Section 4:
	(a) Deeds representing real estate transfer made before the effective date of this Act, but recorded after such effective date
	(b) Deeds to property acquired by any source for the form and acquired by
	body or deeds to property between governmental bodies, or by or from any corporation, society or association, foundation or institution organized and operated exclusively for chantable, religious or educational purposes. (c) Deeds which secure dobt or contable, religious or educational purposes.
	(c) Deeds which secure debt or other obligation.
	(u) beeds which without additional consideration confirm correct modify or
	supplement a deed previously recorded
	Deeds where the actual consideration is less than \$100.00. (f) Tax Deeds.
	-/ Tax Deeds.
	(8) Deeds of Release of property which is security for a debt or other obligation. (h) Deeds of partition.
	(1) Deeds made pursuant to mergers consolidations or transfers or sales of
	(1) Deeds made by a subsidiary corporation to its parent corporation for no
	(k) Deeds wherein there is an actual exchange of real estate except that that money difference or money's worth paid from one to the other shall not be exempt from the tax.
	(1) Deeds representing transfers subject to the unposition of a documentary stamp tax imposed by the government of the United States, except that such deeds shall not be exempt from filling the Declaration.
	(m) Deeds issued to a holder of mortgage, as defined in Section 15-103 of the Code c Civil Procedure, pursuant to a mortgage foreclosure proceeding or pursuant to a transfer in-lieu of foreclosure.
2	This form is to be read in tion of Deliance
	and and a second
	Organizations that have been determined to be Charitable, Religious or Eduacations must affix a copy of the certification from the Department of Revenue or a copy of a Court Order.

Tax Year: 2019

Paradachfrontna Roge Report **Kendall County** 02-35-151-003

Page 1 of 1 08/07/2019 3:15:03 PM

Township Assessor

Parcel No 02-35-151-003	Township Oswego Township	Tax Code OS001	Property Class 0011	Land Use	1977 Base Value 9,820	Senior Freeze Year
Alternate Parcel No 0343151003	Homesite Acres	Farm Acres	Gross Acres	TIF Base	EZone Parcel	Senior Freeze Value
Parcel Status	Activatio		Dimension	0	NO Level Activated	Ü

Owner Name and Address

BANK OF LYONS %RON SMRZ

P O BOX 576 7821 RT 71 YORKVILLE, IL 60560

Alternate Name and Address

Parcel Sales Document **Gross Selling** Net Selling Valid

Number Date of Sale Price Price Sale Page Filing Date Book

84000155 01/01/1984 \$0.00 \$0.00 N

Site Address 7821 ROUTE 71

YORKVILLE, IL 60560

Legal Description SEC 35-37-7

BLDING PERMIT/HORSE BARN/07-06-00 AG CERT OF OCC/FARM BLDG/07-11-00 BLDING PRMT/ACCESS Parcel Notes

BLDING/02-27-01 ACREAGE ADJUSTMENT 2003 PER DAVE THOMPSON INCLUDE PART THAT IS IN SECTION 34

1 STORY, 2454 SQ FT

PROPERTY RECORD CARD ON FILE

P O BOX # ADDED TO MAILING ADDRESS AS PER TAX BILL RECT **6/10/10

Exemption Information

Year Exemption Begin Date **End Date Amount Granted** 2019 Owner Occupied 01/01/2019 12/31/2019 6,000

Assessment Information

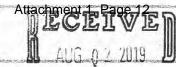
Category	Partial Bldg Ind	Farm Land	Farm Building	Non Farm Land	Non Farm Building	Total New Construction	Total Demolition Asses	sment Tota
Prior Year Equalized	N	3,500	4,312	21,184	66,550	0	0	95,546
Township Assessor	N	3,930	6,328	21,303	66,923	0	0	98.484

Parcel Genealogy:

KENDALL COUNTY DISCLOSURE OF BENEFICIARIES FORM

	RONALD			
Address 7	821 RT	71		
City YOR	KVILLE		State_T7	Zip <u>6056</u> 0
Nature of Benef	fit Sought	ecial us	ie	
— Natura — Corpor	cant: (Please check Person (a) ation (b) rust/Trustee (c) rustee (d) ship (e) enture (f)	k one)		
If applicant is ar characteristics o	entity other than f the applicant:	described in S	ection 3, briefly stat	e the nature and
a trust or land tru	intry who is a 3% ist, a joint venture in profits and loss	in the case of	case of a corporatio	entify by name and address n, a beneficiary in the case of tho otherwise has proprietary INTEREST
Name, address, a				alf of the applicant:
nonald 0.5	Sh C Z	VERIFICAT	ION _, being first duly sy	worn under oath that I am the ized to make the disclosure,
I have red the above a ein are true in both sul	ind tolegoing Disc	losure of Bene	ficiaries, and that th	e statements contained
		CZ.		
scribed and sworn to b		th day of_	August	A.D.2019
scribed and sworn to b		th day of_	August	, A.D. 2019 Notary Tubble MELISSA ANNE MAY





7775A Route 47, Yorkville, Illinois 60560 • (630)553-5821 extension 3

BY: MEA



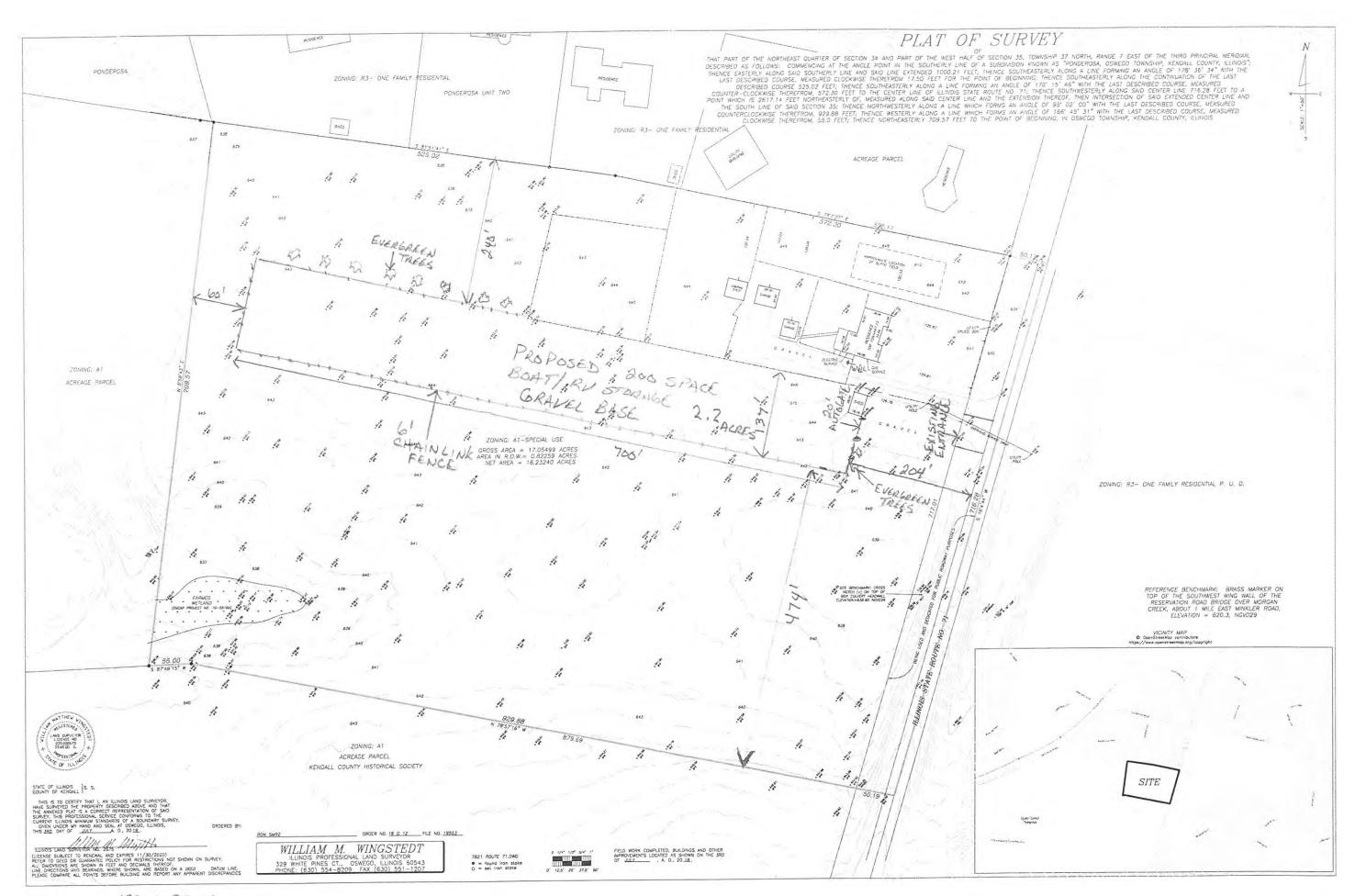
NATURAL RESOURCE INFORMATION (NRI) REPORT APPLICATION

Petitioner: RONALD SMRZ	Contact Persor	1: RONALD	SMRZ
Address:			
City, State, Zip:			
Phone Number:)		
Email:			
Please select: How would you like to receive a co	opy of the NRI Re	port? 🗆 Email 🔏	☑ Mail
Site Location & Proposed Use Township Name OSWE66 Parcel Index Number(s) 2235151003	_ Township		E, Section(s)
Project or Subdivision Name		Number of	Acres
Current Use of Site_A6-50	Proposed Use _		
Proposed Number of Lots		per of Structures _	0
Proposed Water Supply existing	Proposed type of	of Wastewater Tre	atment existing
Proposed type of Storm Water Management NA			J
Type of Request Change in Zoning from	page)		
In addition to this completed application form, please ind Plat of Survey/Site Plan – showing location, legal desc Concept Plan - showing the locations of proposed lots If available: topography map, field tile map, copy of so NRI fee (Please make checks payable to Kendall Count The NRI fees, as of July 1, 2010, are as follows: Full Report: \$375.00 for five acres and under, plus \$ Executive Summary Report: \$300.00 (KCSWCD staff)	cription and prop s, buildings, roads oil boring and/or ty SWCD) 18.00 per acre for	erty measurement s, stormwater dete wetland studies r each additional ac	ts ention, open areas, etc. re or any fraction thereof over five.
Fee for first five acres an Additional Acres Total NRI Fee	nd under s at \$18.00 each	\$ <u>375.00</u> \$ <u>\$</u>	
NOTE: Applications are due by the 1 st of each month to be application is submitted, please allow 30 days for inspection	on that month's	SWCD Board Mee d processing of thi	ting Agenda. Once a completed s report.
I (We) understand the filing of this application allows the Conservation District (SWCD) to visit and conduct an eval expiration date will be 3 years after the date reported.	luation of the site	e described above	
Petitioner or Authorized Agent	L		Date
This report will be issued on a nondiscriminatory basis without rep	gard to race, color, rel		
FOR OFFICE USE ONLY NRI# 19 09 Date initially rec'd 8 2 19 Date all r Fee Due \$ Fee Paid \$ Check #	ec'dOver/Un	Board Meeting der Payment	Refund Due

Attachment 1, Page 13

Please fill out the following findings of fact to the best of your capabilities. §13.08.J of the Zoning Ordinance outlines findings that the Hearing Officer shall consider in rendering a decision, but is not required to make an affirmative finding on all items in order to grant a **special use**. They are as follows:

That the establishment, maintenance, and operation of the special use will not be detrimental to, or endanger, the public health, safety, morals, comfort, or general welfare.
That the special use will not be substantially injurious to the use and enjoymen of other properties in the immediate vicinity for the purposes already permitted nor substantially diminish and impair property values within the neighborhood. The Zoning classification of property within the general area of the property in question shall be considered in determining consistency with this standard. The proposed use shall make adequate provisions for appropriate buffers landscaping, fencing, lighting, building materials, open space and othe improvements necessary to insure that the proposed use does not adversely impact adjacent uses and is compatible with the surrounding area and/or the County as a whole.
That adequate utilities, access roads and points of ingress and egress, drainage and/or other necessary facilities have been or are being provided
That the special use shall in all other respects conform to the applicable regulations of the district in which it is located, except as such regulations may it each instance be modified by the County Board pursuant to the recommendation of the Hearing Officer.
That the special use is consistent with the purpose and objectives of the Land Resource Management Plan and other adopted County or municipal plans and policies.



7821 RT 41 YORKULLE FL 60560

ENGINEERING PLANS FOR

7821 US ROUTE 71 SITE PLAN

SECTION 35, TOWNSHIP 37 NORTH, RANGE 7 EAST

LEGEND EXISTING UNDERGROUND ELECTRIC PROPOSED SILT FENCE x 686.00 PROPOSED SPOT GRADE x 686.00 B-BOX HYDRANT VALVE VALVE VAULT INLET-CURB INLET OR MANHOLE FLARED END SECTION SANITARY: CLEANOUT MANHOLE ✓O✓ UTILITY POLE R.O.W. MONUMENT GUY WIRE LOC. P.K. NAIL ☐ UTIL CABINET CHISELED MARK BENCHMARK □ UTIL PEDESTAL HUB & TACK LIGHT POLE SOIL BORING TRAFFIC SIGNAL OVERLAND RELIEF ELECTRIC VAULT → FLOW DIRECTION GAS VALVE

7821 US ROUTE 71 YORKVILLE, IL 60560 KENDALL COUNTY JANUARY, 2020

INDEX TO SHEETS

- 1. COVER SHEET
- 2. CIVIL SITE PLANS
- 3. GENERAL NOTES & DETAILS

Know what's below.
Call before you dig.

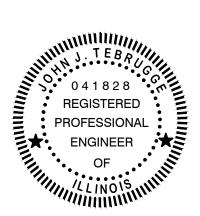
Contractor and or sub-contractors shall verify locations of all underground utilities prior to digging. Contact J.U.L.I.E. (Joint Utility Locating for Excavators) at 1-800-892-0123 or dial 811.

UTILITY STATEMENT THE UTILITIES SHOWN HAVE BEEN LOCATED FROM VISIBLE FIELD EVIDENCE AND EXISTING DRAWINGS, MAPS AND RECORDS SUPPLIED TO SURVEYOR. THE SURVEYOR MAKES NO GUARANTEES THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM AVAILABLE INFORMATION. THE SURVEYOR HAS PHYSICALLY LOCATED VISIBLE STRUCTURES; HOWEVER, HE HAS NOT PHYSICALLY LOCATED THE UNDERGROUND LINES.

PROFESSIONAL ENGINEER'S CERTIFICATION STATE OF ILLINOIS, COUNTY OF KENDALL

I JOHN J. TEBRUGGE, A LICENSED PROFESSIONAL ENGINEER OF ILLINOIS, HEREBY CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY PERSONAL DIRECTION BASED ON AVAILABLE DOCUMENTS AND FIELD MEASUREMENTS FOR THE EXCLUSIVE USE OF THE CLIENT NOTED HEREON.

GIVEN UNDER MY HAND & SEAL THIS 24TH DAY OF JANUARY, 2020.



IKINOIS REGISTERED PROFESSIONAL ENGINEER NO. 0062-041828 EXPIRES NOV. 30, 2021

COPYRIGHT © 2019 BY TEBRUGGE ENGINEERING
ALL RIGHTS RESERVED. NO PART OF THESE CIVIL ENGINEERING PLANS
MAY BE REPRODUCED, DISTRIBUTED, OR TRANSMITTED IN ANY FORM
OR BY ANY MEANS, INCLUDING PHOTOCOPYING, RECORDING, OR OTHER
ELECTRONIC OR MECHANICAL METHODS, WITHOUT THE PRIOR WRITTEN
PERMISSION OF TEBRUGGE ENGINEERING.

PROJECT

N.T.S. Caretenbell Trah Caretenbell Trah Saw Kee Pide Away Lakes 782.1 Illinois 71. min drive - home Yorkville Van Eawyor No.

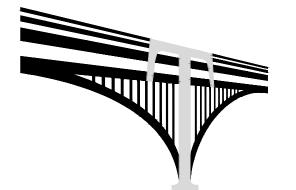
LOCATION MAP

BENCHMARKS:

SITE BENCHMARK: CROSS NOTCH (x) ON TOP OF BOX CULVERT HEADWALL ELEVATION=638.90 NGVD29

PLANS PREPARED FOR:

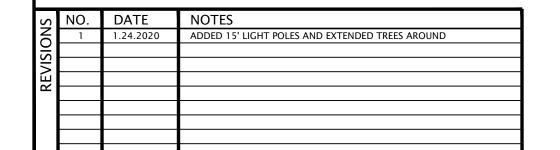
RON SMRZ 7821 US ROUTE 71 YORKVILLE, IL 60560 PHONE: (630) 774-1761

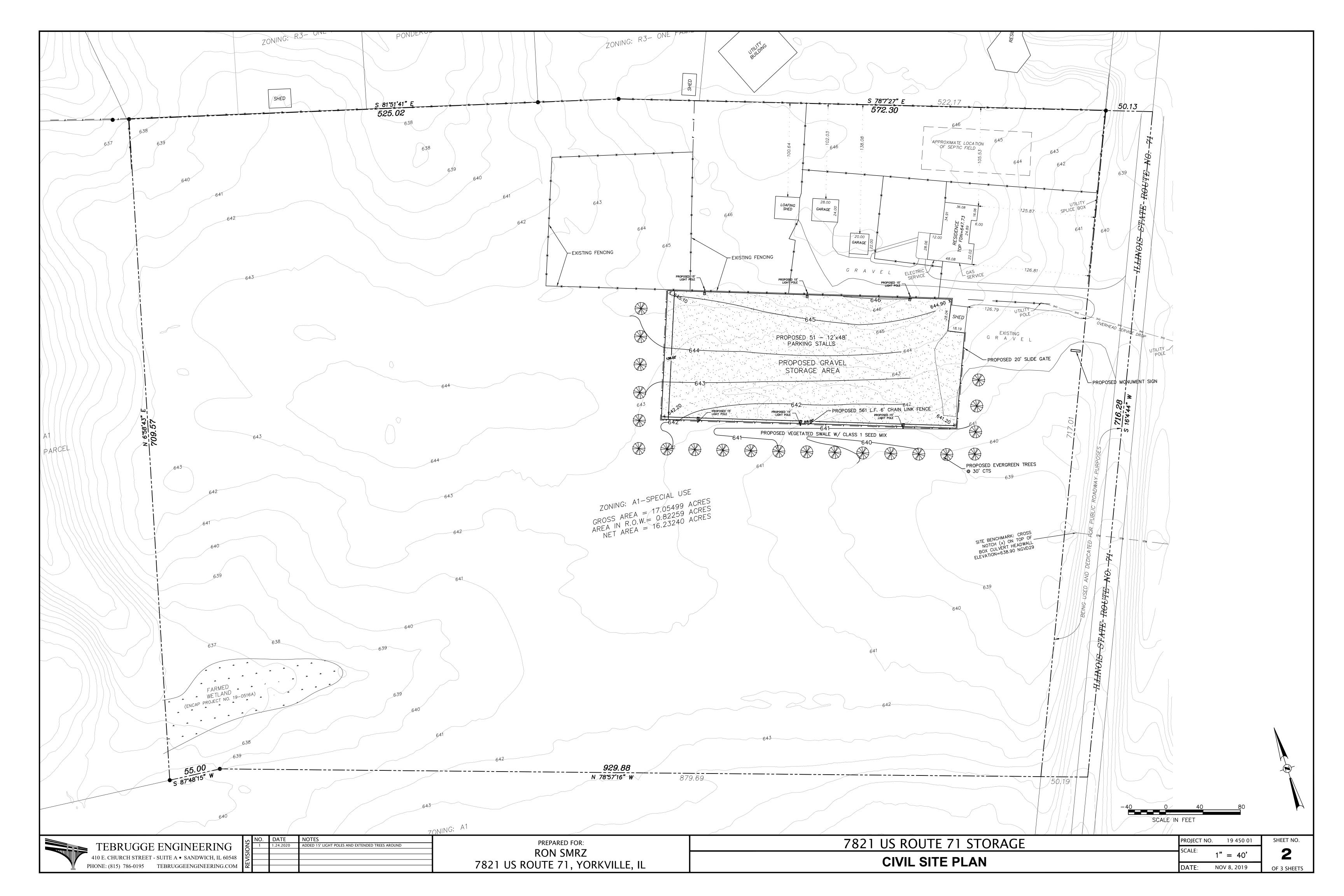


CIVIL ENGINEER:

TEBRUGGE ENGINEERING 410 E CHURCH ST - SUITE A SANDWICH, ILLINOIS 60548 (815) 786-0195

INFO@TEBRUGGEENGINEERING.COM WWW.TEBRUGGEENGINEERING.COM





GENERAL CONDITIONS

GOVERNMENTAL AGENCIES, AND THE OWNER.

1. ALL EARTHWORK, ROADWAY WORK, DRAINAGE WORK OR STORM SEWER WORK SHALL BE PERFORMED UTILIZING MATERIALS AND METHODS IN STRICT ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION. AS WELL AS THE STANDARD DETAIL SHEETS ATTACHED TO THESE PLANS. ALL MUNICIPAL, COUNTY, STATE AND FEDERAL REQUIREMENTS AND STANDARDS SHALL BE STRICTLY ADHERED TO IN WORK PERFORMED UNDER THIS CONTRACT.

2. ALL SANITARY SEWER AND WATER MAIN WORK SHALL BE PERFORMED USING METHODS AND MATERIALS IN STRICT ACCORDANCE WITH THE LATEST EDITION OF "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, AS WELL AS THE STANDARD DETAIL SHEETS ATTACHED TO THESE PLANS. ALL MUNICIPAL, COUNTY, STATE AND FEDERAL REQUIREMENTS AND STANDARDS SHALL BE STRICTLY ADHERED TO IN WORK PERFORMED UNDER THIS CONTRACT.

3. ANY SPECIFICATIONS WHICH ARE SUPPLIED ALONG WITH THE PLANS SHALL TAKE PRECEDENCE IN THE CASE OF A CONFLICT WITH THE STANDARD SPECIFICATIONS NOTED IN ITEMS NO. 1 AND 2 ABOVE. THE ABOVE STANDARD SPECIFICATIONS & THE CONSTRUCTION PLANS ARE TO BE CONSIDERED AS PART OF THE CONTRACT DOCUMENTS. INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE THIS WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE TO BE CONSIDERED A PART OF THE CONTRACT.

4. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.

5. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE GUARANTEED AGAINST ALL DEFECTS IN MATERIALS AND WORKMANSHIP OF WHATEVER NATURE BY THE CONTRACTOR AND HIS SURETY FOR A PERIOD OF 12 MONTHS FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK BY THE GOVERNING MUNICIPALITY, OTHER APPLICABLE

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS FOR CONSTRUCTION ALONG OR ACROSS EXISTING STREETS OR HIGHWAYS. HE SHALL MAKE ARRANGEMENTS FOR THE PROPER BRACING. SHORING AND OTHER REQUIRED PROTECTION OF ALL ROADWAYS BEFORE CONSTRUCTION BEGINS. ALONG WITH ADEQUATE TRAFFIC CONTROL MEASURES. HE SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO THE SATISFACTION OF THE ENGINEER, AT NO ADDITIONAL COST TO THE OWNER.

7. THE UTILITY LOCATIONS, AND THE DEPTHS SHOWN ON THESE PLANS ARE APPROXIMATE ONLY, AND SHALL BE VERIFIED BY THE CONTRACTOR WITH ALL AFFECTED UTILITY COMPANIES PRIOR TO INITIATING CONSTRUCTION OPERATIONS. THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY FOR THE ADEQUACY, SUFFICIENCY OR EXACTNESS OF THESE UTILITY REPRESENTATIONS.

8. PRIOR TO STARTING CONSTRUCTION THE CONTRACTOR SHALL CONTACT THE OFFICE OF J.U.L.I.E. AT 1-800-892-0123 FOR EXACT FIELD LOCATION OF ALL UNDERGROUND UTILITIES IN THE PROXIMITY OF, AND ON, THE PROJECT SITE; IF THERE ARE ANY UTILITIES WHICH ARE NOT MEMBERS OF THE J.U.L.I.E. SYSTEM, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING THIS AND MAKE ARRANGEMENTS TO HAVE THESE UTILITIES FIELD LOCATED.

9. EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT IN LOCATION WITH NEW CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR RELOCATING THESE FACILITIES AT HIS EXPENSE TO ACCOMMODATE THE NEW CONSTRUCTION.

10. ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION OPERATIONS SHALL BE CONNECTED TO THE PROPOSED STORM SEWER OR EXTENDED TO OUTLET INTO A PROPOSED DRAINAGE WAY. IF THIS CANNOT BE ACCOMPLISHED, THEN IT SHALL BE REPAIRED WITH NEW PIPE OF SIMILAR SIZE AND MATERIAL TO THE ORIGINAL LINE AND PUT IN ACCEPTABLE OPERATIONAL CONDITION. A RECORD OF THE LOCATION OF ALL FIELD TILE FOR ONSITE DRAIN PIPE ENCOUNTERED SHALL BE KEPT BY THE CONTRACTOR AND TURNED OVER TO THE ENGINEER UPON COMPLETION OF THE PROJECT. THE COST OF THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

11. IT SHALL BE THE RESPONSIBILITY OF EACH RESPECTIVE CONTRACTOR TO REMOVE FROM THIS SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM HIS CONSTRUCTION OPERATIONS AT NO ADDITIONAL EXPENSE

12. THE ENGINEER AND OWNER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OF FOR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF HIS WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.

13. THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND FEDERAL SAFETY REGULATIONS AS OUTLINED IN THE LATEST REVISIONS OF THE FEDERAL CONSTRUCTION SAFETY STANDARDS (SERIES 1926) AND WITH APPLICABLE PROVISIONS AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS OF THE WILLIAMS STELGER OCCUPATIONAL HEALTH STATE SAFETY ACT OF 1970(REVISED). THE CONTRACTOR, ENGINEERS, AND OWNER SHALL EACH BE RESPONSIBLE FOR HIS OWN RESPECTIVE AGENTS AND EMPLOYEES.

14. THE CONTRACTOR SHALL INDEMNIFY THE OWNER, THE ENGINEER, AND ALL GOVERNING AUTHORITIES, THEIR AGENTS SUCCESSORS AND ASSIGNS FROM ANY AND ALL LIABILITY WITH RESPECT TO THE CONSTRUCTION, INSTALLATION AND TESTING OF THE WORK REQUIRED ON THIS PROJECT. IT SHALL BE THE SOLE RESPONSIBILIT OF THE CONTRACTOR TO PERFORM THE WORK OF THIS CONTRACT IN A MANNER WHICH STRICTLY COMPLIES WITH ANY AND ALL PERTINENT LOCAL. STATE OR NATIONAL CONSTRUCTION AND SAFETY CODES: THE ENGINEER. OWNER, AND GOVERNING AUTHORITIES ARE NOT RESPONSIBLE FOR ENSURING COMPLIANCE BY THE CONTRACTOR WITH SAID CODES AND ASSUME NO LIABILITY FOR ACCIDENTS, INJURIES, OR DEATHS, OR CLAIMS RELATING THERETO WHICH MAY RESULT FROM LACK OF ADHERENCE TO SAID CODES.

UNDERGROUND UTILITIES

1. ALL UTILITY TRENCHES BENEATH PROPOSED OR EXISTING UTILITIES, PROPOSED OR EXISTING PAVEMENT, DRIVEWAYS, SIDEWALKS AND FOR A DISTANCE OF TWO FEET ON EITHER SIDE OF SAME, AND/OR WHEREVER ELSE SHOWN ON THE CONSTRUCTION PLANS SHALL BE BACKFILLED WITH SELECT GRANULAR BACKFILL (CA-6 OR CA-7) AND THOROUGHLY COMPACTED IN ACCORDANCE WITH THE EARTHWORK SPECIFICATIONS.

2. UNLESS OTHERWISE INDICATED ON THE PLANS, STORM SEWER PIPE SHALL BE REINFORCED CONCRETE CULVERT PIPE OF THE CLASS AS INDICATED ON THE PLANS, AND CONFORMING TO ASTM C-76. JOINTS SHALL TYPICALLY BE A "TROWEL APPLIED" BITUMINOUS MASTIC COMPOUND IN ACCORDANCE WITH ASTM C-76 (OR C-14 AS MAY BE APPLICABLE OR RUBBER "O"-RING GASKET JOINTS CONFORMING TO ASTM C-443). LOCATIONS WHERE THE STORM SEWER CROSSES WATERMAINS AN "O"-RING JOINT IN ACCORDANCE WITH ASTM C-361 SHALL BE USED.

3. STORM SEWER MANHOLES SHALL BE PRECAST STRUCTURES, WITH THE DIAMETER DEPENDENT ON THE PIPE SIZE AND WITH APPROPRIATE FRAME AND LIDS (SEE CONSTRUCTION STANDARDS). LIDS SHALL BE IMPRINTED "STORM SEWER". ALL FLARED END SECTIONS SHALL HAVE A FRAME & GRATE INSTALLED.

4. THESE FRAME AND GRATES FOR STORM STRUCTURES SHALL BE USED UNLESS OTHERWISE INDICATED ON THE PLAN SET. USE NEENAH R-1712 OPEN LID (OR EQUAL) IN PAVEMENT AREAS, USE NEENAH R-1772-B OPEN OR CLOSED LID (OR EQUAL) IN GRASS AREAS, USE NEENAH R-3015 (OR EQUAL) FOR B6.12 CURB AREAS, AND NEENAH R-3509 (OR EQUAL) FOR DEPRESSED CURB AREAS.

5. STRUCTURES FOR SANITARY AND STORM SEWERS AND VALVE VAULTS FOR WATER SHALL BE IN ACCORDANCE WITH THESE IMPROVEMENT PLANS AND THE APPLICABLE STANDARD SPECIFICATIONS. WHERE GRANULAR TRENCH BACKFILL IS REQUIRED AROUND THESE STRUCTURES THE COST SHALL BE CONSIDERED AS INCIDENTAL AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE STRUCTURE.

6. ALL STORM SEWERS AND WATERMAINS SHALL HAVE COMPACTED CA-7 GRANULAR BEDDING, A MINIMUM OF 4" BELOW THE BOTTOM OF THE PIPE FOR THE FULL LENGTH. BEDDING SHALL EXTEND TO THE SPRING LINE OF THE PIPE. COST FOR THE BEDDING SHALL BE INCLUDED WITH THE UNIT PRICE BID FOR THE PIPE.

7. THE UNDERGROUND CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING ANY EXCAVATION FOR THE INSTALLATION OF THE SEWER OR WATER SYSTEMS. ANY DEWATERING ENCOUNTERED SHALL BE INCIDENTAL TO THE RESPECTIVE UNDERGROUND UTILITY.

8. ALL STRUCTURES SHALL HAVE A MAXIMUM OF 8" OF ADJUSTING RINGS, UNLESS OTHERWISE NOTED.

9. ALL TOP FRAMES FOR STORM AND VALVE VAULT COVERS AND B-BOXES ARE TO BE ADJUSTED TO MEET FINAL FINISH GRADE UPON COMPLETION OF FINISHED GRADING AND FINAL INSPECTIONS. THIS ADJUSTMENT IS TO BE MADE BY THE UNDERGROUND CONTRACTOR AND THE COST IS TO BE INCIDENTAL. THE UNDERGROUND CONTRACTOR SHALL INSURE THAT ALL ROAD AND PAVEMENT INLETS OR STRUCTURES ARE AT FINISHED GRADE. ANY ADJUSTMENTS NECESSITATED BY THE CURB OR PAVING CONTRACTOR TO ACHIEVE FINAL RIM GRADE, RESULTING IN AN EXTRA FOR SAID ADJUSTMENTS, WILL BE CHARGED TO THE UNDERGROUND CONTRACTOR.

10. ALL FLOOR DRAINS AND FLOOR DRAIN SUMP PUMPS SHALL DISCHARGE INTO THE SANITARY SEWER.

11. ALL DOWNSPOUTS, FOOTING DRAINS AND SUBSURFACE STORM WATERS SHALL DISCHARGE INTO THE STORM SEWER OR ONTO THE GROUND AND BE DIRECTED TOWARDS A STORM SEWER STRUCTURE.

12. ANY ANTICIPATED COST OF SHEETING SHALL BE REFLECTED IN THE CONTRACT AMOUNTS. NO ADDITIONAL COST WILL BE ALLOWED FOR SHEETING OR BRACING.

13. THE CONTRACTOR SHALL INSTALL A 2"x4"x8" POST ADJACENT TO THE TERMINUS OF THE SANITARY SERVICE, WATERMAIN SERVICE, SANITARY MANHOLES, STORM STRUCTURES, AND WATER VAULTS. THE POST SHALL EXTEND A MINIMUM OF 4 FT. ABOVE THE GROUND. SAID POST SHALL BE PAINTED AS FOLLOWS: SANITARY-GREEN,

14. IT SHALL BE THE RESPONSIBILITY OF THE UNDERGROUND CONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM HIS CONSTRUCTION OPERATIONS AT NO ADDITIONAL EXPENSE TO

EARTHWORK

1. ALL EARTHWORK OPERATIONS SHALL BE IN ACCORDANCE WITH SECTION 200 OF THE I.D.O.T. SPECIFICATIONS. 2. THE CONTRACTOR SHALL PROTECT ALL PROPERTY PINS AND SURVEY MONUMENTS AND SHALL RESTORE ANY WHICH ARE DISTURBED BY HIS OPERATIONS AT NO ADDITIONAL COST TO THE CONTRACT.

3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL MATERIAL QUANTITIES AND APPRISE HIMSELF OF ALL SITE CONDITIONS. THE CONTRACT PRICE SUBMITTED BY THE CONTRACTOR SHALL BE CONSIDERED AS LUMP SUM FOR THE COMPLETE PROJECT. NO CLAIMS FOR EXTRA WORK WILL BE RECOGNIZED UNLESS ORDERED IN

4. PRIOR TO ONSET OF MASS GRADING OPERATIONS THE EARTHWORK CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SOIL EROSION CONTROL SPECIFICATIONS. THE INITIAL ESTABLISHMENT OF EROSION CONTROL PROCEDURES AND THE PLACEMENT OF SILT FENCING, ETC. TO PROTECT ADJACENT PROPERTY SHALL OCCUR BEFORE MASS GRADING BEGINS, AND IN ACCORDANCE WITH THE SOIL EROSION CONTROL CONSTRUCTION

5. THE GRADING OPERATIONS ARE TO BE CLOSELY SUPERVISED AND INSPECTED, PARTICULARLY DURING THE REMOVAL OF UNSUITABLE MATERIAL AND THE CONSTRUCTION OF EMBANKMENTS OR BUILDING PADS, BY THE SOILS ENGINEER OR HIS REPRESENTATIVE. ALL TESTING, INSPECTION AND SUPERVISION OF SOIL QUALITY, UNSUITABLE REMOVAL AND ITS REPLACEMENT AND OTHER SOILS RELATED OPERATIONS SHALL BE ENTIRELY THE RESPONSIBILITY OF THE SOILS ENGINEER.

6. THE GRADING AND CONSTRUCTION OF THE SITE IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER. ALL AREAS ADJACENT TO THESE IMPROVEMENTS SHALL BE GRADED TO ALLOW POSITIVE DRAINAGE.

7. THE PROPOSED GRADING ELEVATIONS SHOWN ON THE PLANS ARE FINISH GRADE. A MINIMUM OF SIX INCHES (6") OF TOPSOIL IS TO BE PLACED BEFORE FINISH GRADE ELEVATIONS ARE ACHIEVED.

8. THE SELECTED STRUCTURAL FILL MATERIAL SHALL BE PLACED IN LEVEL UNIFORM LAYERS SO THAT THE COMPACTED THICKNESS IS APPROXIMATELY SIX INCHES (6"); IF COMPACTION EQUIPMENT DEMONSTRATES THE ABILITY TO COMPACT A GREATER THICKNESS, THEN A GREATER THICKNESS MAY BE SPECIFIED. EACH LAYER SHALL BE THOROUGHLY MIXED DURING SPREADING TO INSURE UNIFORMITY.

9. EMBANKMENT MATERIAL WITHIN ROADWAY, PARKING LOT, AND OTHER STRUCTURAL CLAY FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF NINETY-FIVE PERCENT (95%) OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM SPECIFICATION D-1557 (MODIFIED PROCTOR METHOD), OR TO SUCH OTHER DENSITY AS MAY BE DETERMINED APPROPRIATE BY THE SOILS ENGINEER. EMBANKMENT MATERIAL FOR BUILDING PADS SHALL BE COMPACTED TO A MINIMUM OF NINETY-FIVE (95%) OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM DESIGNATION D-1557 (MODIFIED PROCTOR METHOD) OR TO SUCH OTHER DENSITY AS MAY BE DETERMINED APPROPRIATE BY THE SOIL ENGINEER.

10. EMBANKMENT MATERIAL (RANDOM FILL) WITHIN NON-STRUCTURAL FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF NINETY PERCENT (90%) OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM SPECIFICATION D-157 (MODIFIED PROCTOR METHOD).

11. THE SUB GRADE FOR PROPOSED STREET AND PAVEMENT AREAS SHALL BE PROOF-ROLLED BY THE CONTRACTOR AND ANY UNSTABLE AREAS ENCOUNTERED SHALL BE REMOVED AND REPLACED AS DIRECTED BY

12. SOIL BORING REPORTS, IF AVAILABLE, ARE SOLELY FOR THE INFORMATION AND GUIDANCE OF THE CONTRACTORS. THE OWNER AND ENGINEER MAKE NO REPRESENTATION OR WARRANTY REGARDING THE INFORMATION CONTAINED IN THE BORING LOGS. THE CONTRACTOR SHALL MAKE HIS OWN INVESTIGATIONS AND SHALL PLAN HIS WORK ACCORDINGLY. ARRANGEMENTS TO ENTER THE PROPERTY DURING THE BIDDING PHASE MAY BE MADE UPON REQUEST OF THE OWNER. THERE WILL BE NO ADDITIONAL PAYMENT FOR EXPENSES INCURRED BY THE CONTRACTOR RESULTING FROM ADVERSE SOIL OR GROUND WATER CONDITIONS.

13. IT SHALL BE THE RESPONSIBILITY OF THE EXCAVATION CONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM HIS CONSTRUCTION OPERATIONS AT NO ADDITIONAL EXPENSE TO THE OWNER.

1. WORK UNDER THIS SECTION SHALL INCLUDE FINAL SUBGRADE SHAPING AND PREPARATION: FORMING JOINTING, PLACEMENT OF ROADWAY AND PAVEMENT BASE COURSE MATERIALS AND SUBSEQUENT BINDER AND/OR SURFACE COURSES; PLACEMENT, FINISHING AND CURING OF CONCRETE; FINAL CLEAN-UP; AND ALL RELATED

2. ALL PAVING AND SIDEWALK WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS (I.D.O.T.) AND PER LOCAL REGULATIONS.

3. SUBGRADE FOR PROPOSED PAVEMENT SHALL BE FINISHED BY THE EXCAVATION CONTRACTOR TO WITHIN 0.1 FOOT, PLUS OR MINUS, OF THE PLAN ELEVATION. THE PAVING CONTRACTOR SHALL SATISFY HIMSELF THAT THE SUBGRADE HAS BEEN PROPERLY PREPARED AND THAT THE FINISH TOP SUBGRADE ELEVATION HAS BEEN GRADED WITHIN TOLERANCES ALLOWED IN THESE SPECIFICATIONS. UNLESS THE PAVING CONTRACTOR ADVISES THE OWNER AND ENGINEER IN WRITING PRIOR TO FINE GRADING FOR BASE COURSE CONSTRUCTION, IT IS UNDERSTOOD THAT HE HAS APPROVED AND ACCEPTS THE RESPONSIBILITY FOR THE SUBGRADE. PRIOR TO PLACEMENT OF PAVEMENT BASE MATERIALS, THE PAVING CONTRACTOR SHALL FINE GRADE THE SUBGRADE SO AS TO INSURE THE PROPER THICKNESS OF PAVEMENT COURSES. NO CLAIMS FOR EXCESS BASE MATERIALS DUE TO IMPROPER SUBGRADE PREPARATION WILL BE HONORED.

4. THE PROPOSED PAVEMENT SHALL CONSIST OF THE SUB-BASE COURSE, BITUMINOUS AGGREGATE BASE AS SPECIFIED ON THE CONSTRUCTION PLANS, PRIME COAT SHALL BE APPLIED TO THE SUB-BASE COURSE AT A RATE OF 0.5 GALLONS PER SQUARE YARD. UNLESS SHOWN AS A BID ITEM, PRIME COAT SHALL BE CONSIDERED AS INCIDENTAL TO THE COST OF THE CONTRACT. ALL PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "I.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." CURRENT EDITION.

5. AFTER THE INSTALLATION OF THE BASE COURSE, ALL TRAFFIC SHALL BE KEPT OFF THE BASE UNTIL THE BINDER COURSE IS LAID. AFTER INSTALLATION OF THE BINDER COURSE AND UPON INSPECTION AND APPROVAL BY GOVERNING AUTHORITY, THE PAVEMENT SHALL BE CLEANED, PRIMED AND THE SURFACE COURSE LAID. ALL DAMAGED AREAS IN THE BINDER, BASE OR CURB AND GUTTER SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER PRIOR TO LAYING THE SURFACE COURSE. THE PAVING CONTRACTOR SHALL PROVIDE WHATEVER EQUIPMENT AND MANPOWER IS NECESSARY, INCLUDING THE USE OF POWER BROOMS TO PREPARE THE PAVEMENT FOR APPLICATION OF THE SURFACE COURSE. EQUIPMENT AND MANPOWER TO CLEAN PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CONTRACT. PRIME COAT ON THE BINDER COARSE SHALL BE CONSIDERED AS INCIDENTAL TO THE COST OF THE CONTRACT AND SHALL BE APPLIED TO THE BINDER AT A RATE OF 0.5 GALLONS PER SQUARE YARD.

6. CURING AND PROTECTION OF ALL EXPOSED CONCRETE SURFACES SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

7. SIDEWALKS SHALL BE OF THE THICKNESS AND DIMENSIONS AS SHOWN IN THE CONSTRUCTION PLANS. ALL SIDEWALK CONCRETE SHALL DEVELOP A MINIMUM OF 3,500-PSI COMPRESSIVE STRENGTH AT 28 DAYS. CONTRACTION JOINTS SHALL BE SET AT 5' CENTERS, AND 3/4" PRE-MOLDED FIBER EXPANSION JOINTS SET AT 50' CENTERS AND WHERE THE SIDEWALK MEETS THE CURB, A BUILDING, OR ANOTHER SIDEWALK, OR AT THE END OF EACH POUR. ALL SIDEWALKS CONSTRUCTED OVER UTILITY TRENCHES SHALL BE REINFORCED WITH THREE NO. 5 REINFORCING BARS (10' MINIMUM LENGTH). ALL SIDEWALKS CROSSING DRIVEWAYS SHALL BE A MINIMUM OF 6" THICK AND REINFORCED WITH 6X6 #6 WELDED WIRE MESH. ALL SIDEWALKS SHALL BE BROOM FINISHED. IF A MANHOLE FRAME FALLS WITHIN THE LIMITS OF A SIDEWALK, A BOX-OUT SECTION SHALL BE PLACED AROUND THE MANHOLE FRAME WITH A 3/4" EXPANSION JOINT.

8. BACKFILLING ALONG PAVEMENT SHALL BE THE RESPONSIBILITY OF THE EARTHWORK CONTRACTOR.

9. IT SHALL BE THE RESPONSIBILITY OF THE PAVING CONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIAL AND DEBRIS, WHICH RESULTS FROM HIS CONSTRUCTION OPERATIONS AT NO ADDITIONAL EXPENSE TO

10. TESTING OF THE SUB-BASE, BASE COURSE, BINDER COURSE, SURFACE COURSE AND CONCRETE WORK SHALL BE REQUIRED IN ACCORDANCE WITH THE "I.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" CURRENT EDITION, AND IN ACCORDANCE WITH THE SPECIFIC REQUIREMENTS OF THE GOVERNING MUNICIPALITY. A QUALIFIED TESTING FIRM SHALL BE EMPLOYED BY THE OWNER TO PERFORM THE REQUIRED

11. PAINTED PAVEMENT MARKINGS AND SYMBOLS, OF THE TYPE AND COLOR AS NOTED ON THE CONSTRUCTION PLANS, SHALL BE INSTALLED IN ACCORDANCE WITH SECTION T-502 OF SAME SPECIFICATIONS.

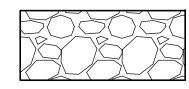
12. PAINTED PAVEMENT MARKINGS AND SYMBOLS SHALL BE INSTALLED ONLY WHEN THE AMBIENT AIR TEMPERATURE IS 40 DEGREES FAHRENHEIT AND THE FORECAST CALL FOR RISING TEMPERATURES.

13. ALL EXISTING CURB AND PAVEMENT SHALL BE PROTECT DURING CONSTRUCTION. ANY DAMAGE TO THE CURB OR PAVEMENT WILL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.

14. ANY SIDEWALK THAT IS DAMAGED OR NOT ADA COMPLIANT, INCLUDING SIDEWALK RAMPS, MUST BE REPLACED PRIOR TO FINAL INSPECTION APPROVAL.

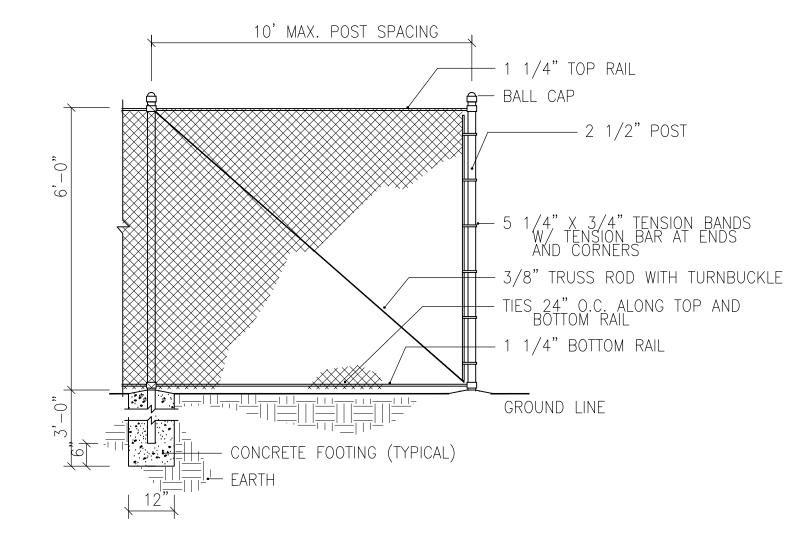
> ALL DISTURBED AREAS THAT ARE NOT BEING MULCHED SHALL RECEIVE A MINIMUM OF 6" OF PULVERIZED TOP SOIL & BE SEEDED

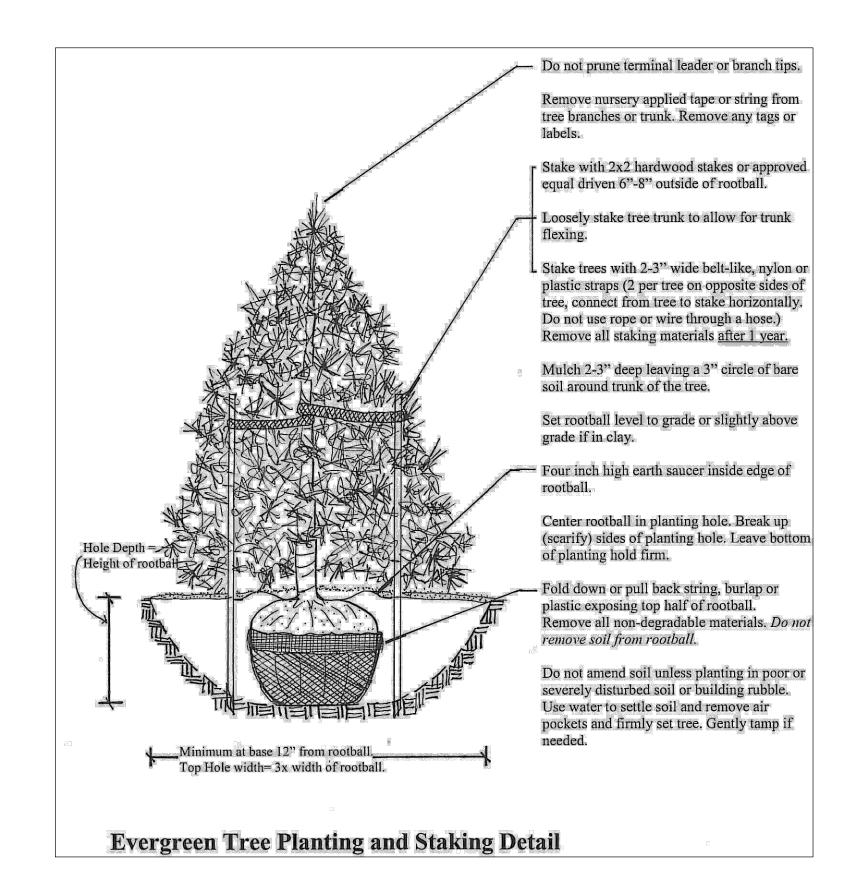
VEGETATED SWALE SHALL HAVE 6" TOPSOIL AND BE SEEDED WITH IDOT CLASS 1 SEEDMIX



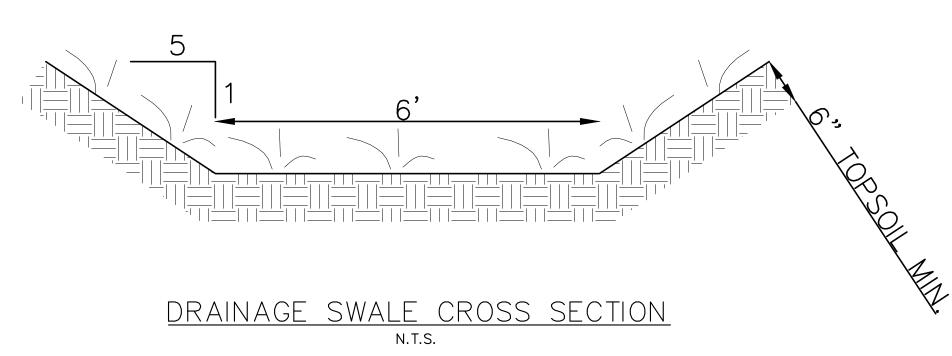
10" AGGREGATE COURSE, TYPE A, CA-6

TYPICAL GRAVEL DETAIL









TEBRUGGE ENGINEERING 410 E. CHURCH STREET - SUITE A • SANDWICH, IL 60548 PHONE: (815) 786-0195 TEBRUGGEENGINEERING.COM

WATER-BLUE, AND STORM-RED.

DDED 15' LIGHT POLES AND EXTENDED TREES AROUND

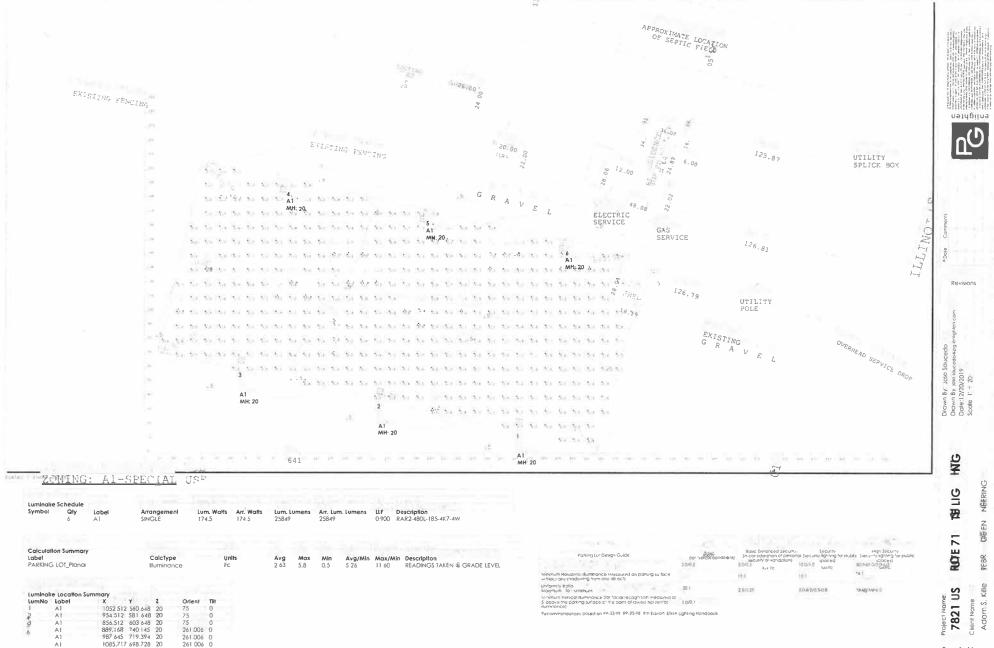
PREPARED FOR: **RON SMRZ** 7821 US ROUTE 71, YORKVILLE, IL

7821 US ROUTE 71 STORAGE **GENERAL NOTES & DETAILS**

ROJECT NO. 19 450 0 NTS DATE: NOV 8, 2019

SHEET NO. OF 3 SHEETS

Attachment 2



ordinance 85-10 establishing conditions and restrictions on a parcel of land

02.35-151-003

A. Su

WHEREAS, Ronald Smrz did petition the Zoning Board of Appeals of Kendall County for a public hearing in the manner required by law and the ordinances of Kendall County, Illinois for a proposed establishment of a special use as provided by the Kendall County Zoning Ordinance adopted January 16, 1940; and

WHEREAS, said Zoning Board of Appeals did thereupon publish notice of a hearing on said proposed special use as provided by the Statutes of the State of Illinois, and did then hold a public hearing on said proposed special use on the 30th day of August, 1985 in the Kendall County Board Room and at the conclusion of said hearing said Zoning Board of Appeals voted in favor of recommending to the County Board of Kendall County, ILlinois that the petition be granted subject to conditions and restrictions; and

NOW THEREFORE, BE IT ORDAINED by the County Board of Kendall County, Illinois that the following described property be granted the special use for the retail sale of nursery stock, and that the Zoning Administrator be hereby ordered and directed to change the zoning map to show the special use classification legally described as follows:

That part of the North East 1/4 of Section 34 and part of the West 1/2 of Section 35, Township 37 North, Range 07 East of the Third Principal Meridian described as follows: Commencing at an angle point in the Southerly line of a subdivision known as "Ponderosa Oswego Township, Kendall County, Illinois", thence Easterly along said Southerly line and said line extended 1000.21 feet; thence Southeasterly along a line forming an angle of 178 degrees, 36 minutes, 34 seconds with the last described course, measured clockwise therefrom 17.50 feet for the point of beginning thence Southeasterly along the continuation of the last described course 525.02 feet; thence Southeasterly along a line forming an angle of 176 degrees, 15 minutes, 46 seconds with the last described course, measured counter clockwise therefrom, 572.30 feet to the center line of Illinois State Route No. 71; thence Southwesterly along said center line 716.28 feet to a point which is 2617.14 feet Northeasterly of measured along said center line and the center line tangent extended, the intersection of said extended center line tangent and the South line of said Section 35, thence Northwesterly along a line wich forming an angle of 095 degrees, 02 minutes, 00 seconds with the last described course, measured counter clockwise therefrom, 929.88 feet; thence Westerly along a line which forms an angle of 166 degrees, 45 minutes, 31 seconds with the last described course, measured clockwise therefrom, 55.0 feet; thence Northeasterly 709.57 feet to the point of beginning; in the Township of Oswego, Kendall County, Illinois.

BE IT FURTHER ORDAINED that the above special use classification shall be expressly made subject to the following conditions and restrictions:

 The property owner will provide and maintain a turn-around facility for cars leaving the parking area and entering Route 71 in a forward motion.

> Chairman, County Board of Kendall County, Illinois

PASSED THIS 10th day of September, 1985.

ATTEST:

Country Clerk





2585 Wagner Ct. DeKalb, IL 60115 Phone: 815.748.4500 Fax: 815.748.4255 www.encapinc.net

TRANSMITTAL LETTER

TO:	Ron Smrz		DATE: June 20, 201	9
			PROJECT: 7821 Rout	e 71
	V 1			
ATTN:		ENCAP Project # 19-0516A		
We are	sending you:		Date of Enclosed Materials	# of Copies
2019 Wetland Delineation Report		June 20, 2019	2+PDF	
CC:			Date of Enclosed Materials	# of Copies
	UPS Ground	UPS Overnight [U.S. Mail Electronic	
For Ar	proval	☐ As Requested	□ For your review	⊠ For your use
_				

Signed: Robert Van Herik

WETLAND DELINEATION REPORT 7821 ROUTE 71 OSWEGO TOWNSHIP, KENDALL COUNTY, ILLINOIS

Prepared for:

Mr. Ron Smrz

Date Prepared:

June 20, 2019

ENCAP, Inc. Project #:

19-0516A



2585 Wagner Ct. DeKalb, IL 60115 Phone: 815.748.4500 Fax: 815.748.4255 www.encapinc.net

WETLAND DELINEATION REPORT

7821 Route 71 / Ron Smrz

Table of Contents

HER CONTRACTOR OF THE CONTRACT	Page Number
Executive Summary	1
Project Purpose	2
Methods	3
Map Review	5
Specific Description of Identified Water Resources, Wildlife Habitat Quality Assessment as Determined Using the Michigan Department of Natural Resources Wildlife Habitat Evaluation Method	6
Investigation of Farmed Areas and Slide Analysis Summary	8
Additional Areas Investigated for Wetland Status	9
Regulatory Statement	10
Recommendations	
References	14
	15

Attachments

USFWS Section 7 Consultation Review Summary IDNR EcoCAT Natural Resource Review Results Floristic Quality Data Sheets Wetland Determination Data Forms Site Photographs WETS Station Data

Historical Aerial Slide Photographs: 1993, 2002, 2006, 2008, 2009, 2010 (Wet) Exhibits

- A Location Map
- B National Wetlands Inventory
- C Soil Map
- D 2018 USGS Topographic Map
- E -Flood Insurance Rate Map
- F ISHPO HARGIS Map
- G Aerial Photograph

WETLAND DELINEATION REPORT

Project Name and Client: 7821 Route 71 / Ron Smrz

Project Number: 19-0516A

Location: Illinois, Kendall County, Oswego Township, Yorkville, T37N R7E, NW 1/4 of

Section 35

Latitude 41.642582; Longitude -88.406551

Date of Site Visit: May 29, 2019

Field Investigators: R. Van Herik & S. Milano

EXECUTIVE SUMMARY

The project area (approximately 17 acres in size) is located in Yorkville, Kendall County, Illinois (Exhibit A: Location Map). The project area, as presented in this report, represents the property limits investigated by ENCAP, Inc. for the presence of regulated surface water resources. These limits do not necessarily reflect the boundaries of any proposed development activities. The project area is generally bounded by residential property to the north, agricultural land to the south, Illinois Route 71 to the east, and woodland to the west. The project area is located within the Fox River watershed.

The project area consists of an agricultural field most recently used for produce. The site topography was generally flat and sloped slightly to the south. A residence and its associated barn and horse pasture is located within the northeast portion of the project area.

One farmed wetland totaling 0.11 acres was identified on the southwestern portion of the project area. The limits of the farmed wetland were identified using protocol established by the U.S. Department of Agriculture (USDA). Wetland boundaries were identified using methods sanctioned by the United States Army Corps of Engineers (USACE).

Basic information regarding wetland regulations may be found in the Regulatory Statement portion of this report. Briefly, the U.S. Army Corps of Engineers (USACE) regulates all Waters of the United States that are currently or historically navigable and all wetlands that are connected to or associated with these waterways. The Kendall County Stormwater Management Ordinance and United City of Yorkville provides for the protection of wetlands and other depressional storage areas from damaging modifications and adverse changes in runoff quality and quantity associated with land developments. It appears that the wetland identified on site will be considered jurisdictional and therefore regulated by the USACE, due to its connection to the Fox River.

Based on a June 3, 2019 review of the U.S. Fish and Wildlife Service (USFWS) technical assistance website, sensitive (federally threatened or endangered) plant or animal species habitat are not located on or adjacent to the project area and the proposed project will have "no effect" on those species (see attached USFWS Review Summary). Further consultation with this agency is not required for a Section 404 Permit from the USACE. According to the Illinois

Department of Natural Resources (IDNR), two Illinois Natural Areas Inventory Sites are located within the vicinity of the project area. This project was submitted for information only. If further permitting is required for site development, additional consultation will be required from the IDNR (see attached correspondence).

At the time of this wetland delineation report, current regulations state that this delineation is valid for 2 years from the date of site visit.

PROJECT PURPOSE

The purpose of the site visit was to identify regulated surface water resources on, or within 100 feet of the project area. A floodplain determination was not included as part of our investigation. On-site wetland areas encountered were delineated using standard methods sanctioned by the United States Army Corps of Engineers in the Corps of Engineers Wetlands Delineation Manual (1987) and 2010 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region and the United States Department of Agriculture National Food Security Act Manual (1994 and 1996). Plant observations were made for calculating the Coefficient of Conservatism (ĉ) and Floristic Quality Index (FQI) for each wetland plant community using the Wilhelm method (Swink and Wilhelm, 1994).

METHODS

1987 USACE Wetland Delineation Manual and 2010 Midwest Regional Supplement.

Prior to the site visit, a preliminary site evaluation is performed using aerial photography and natural resource mapping. Potential wetland areas identified by these resources are evaluated in the field to determine if they meet the requirements for a wetland based on the USACE parameters of vegetation, hydrology, and soils. In general, positive indication of each of the three parameters must be demonstrated to classify an area as wetland. Each of these parameters is discussed below.

- **Vegetation** Three vegetative indicators are applied to plant communities in order to determine if the hydrophytic vegetation criterion is met.
 - 1. More than 50% of the dominant plant species across all strata must be hydrophytic (water tolerant). The U.S. Fish Wildlife Service has prepared a regional list of plants occurring in wetlands which assigns the plant species different indicators. Wetland plants fall into three indicator classes based on differing tolerances to water level and soil saturation. These indicators are rated obligate wetland (OBL), facultative wetland (FACW), or facultative (FAC). Dominant plant species are recorded at sample points within investigated areas.
 - 2. The prevalence index is 3.0 or less. The prevalence index is a weighted-average wetland indicator status of all plant species in a sampling plot. Each indicator status category is given a numeric value (OBL = 1, FACW = 2, FAC = 3, FACU = 4, and UPL = 5) and weighting is by abundance. A prevalence index of 3.0 or less indicates that hydrophytic vegetation is present. The prevalence index is used to determine whether hydrophytic vegetation is present on sites where indicators of hydric soil and wetland hydrology are present but the vegetation initially fails the dominance test.
 - 3. The plant community passes either the dominance test (Indictor 1) or the prevalence index (Indicator 2) after reconsideration of the indicator status of certain plant species that exhibit morphological adaptations for life in wetlands. Common morphological adaptations include but are not limited to adventitious roots, multistemmed trunks, shallow root systems developed on or near the soil surface, and buttressing in tree species. To apply this indicator, these morphological features must be observed on more than 50% of the individuals of a FACU species living in an area where indicators of hydric soil and wetland hydrology are present.
- Hydrology To be considered a wetland, an area must have 14 or more consecutive
 days of flooding or ponding, or a water table 12 inches or less below the soil surface,
 during the growing season at a minimum frequency of 5 years in 10. Wetland hydrology
 indicators are divided into four groups as described below:
 - Group A indicators are based on the direct observation of surface water or groundwater during a site visit.
 - Group B consists of evidence that the site is subject to flooding or ponding, although it may not be inundated currently. These indicators include water marks, drift deposits, sediment deposits, and similar features.
 - Group C consists of other evidence that the soil is saturated currently or was saturated recently. Some of these indicators, such as oxidized rhizopheres surrounding living roots and the presence of reduced iron or sulfur in the soil profile, indicate that the soil has been saturated for an extended period.

 Group D – consists of landscape and vegetation characteristics that indicate contemporary rather than historical wet conditions. These indicators include stunted or stressed plants, geomorphic position, and the FAC-neutral test.

Wetland hydrology indicators are intended as one-time observations of site conditions that are sufficient evidence of wetland hydrology. Within each group, indicators are divided into two categories – *primary* and *secondary*. One primary indicator from any group is sufficient to conclude that wetland hydrology is present. In the absence of a primary indicator, two or more secondary indicators from any group are required to conclude that wetland hydrology is present.

• Soils - To be considered a wetland, an area must contain hydric soil. Hydric soils are formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic (lacking oxygen) conditions in the upper part. Soils generally, but not always, will develop indicators that are formed predominantly by the accumulation or loss of iron, manganese, sulfur, or carbon compounds in a saturated and anaerobic environment. The most current edition of the United States Department of Agriculture, Natural Resource Conservation Service Field Indicators of Hydric Soils in the United States is used for identification of hydric soils. Field indicators of hydric soils include but are not limited to the presence of any of the following: histic epipedon, sulfidic odor, at least 2 centimeters of muck, depleted matrix, and/or redoximorphic features. Field indicators are usually examined in the top 24 inches of the soil. Soil colors are determined using Munsell Soil Color Charts.

Areas meeting these three criteria are staked in the field for surveying purposes. Boundaries are demarcated in the field with pink flagged pin stakes labeled "WETLAND DELINEATION." Staked boundaries are mapped on an aerial photograph included in this report. Approximate off-site wetland boundaries are identified on the aerial photograph and were determined using available aerial photographs, wetland maps, and field observation.

Farmed Wetland Determinations.

ENCAP, Inc. conducted a wetland determination on the farmed portion of the project area using National Food Security Act Manual (NFSAM) methodology. Aerial photographs are reviewed in order to identify potential farmed wetland signatures. The identified suspect areas are then field investigated to confirm that the areas are in fact wetlands. Copies of the aerial photographs used in identifying farmed wetlands are included in this report.

MAP REVIEW

- The National Wetlands Inventory does not identify any aquatic resources within the project area (Exhibit B).
- The Soil Map identifies the following soils within the project area: La Rose silt loam (60C2), Camden silt loam (134C2), Mayville silt loam (193A & B), and Elpaso silty clay loam (356A). Elpaso silty clay loam is considered hydric in Kendall County (Exhibit C).
- The 2018 United States Geological Survey (USGS) Topographic Map does not identify any surface drainage within or adjacent to the project area (Exhibit D).
- The Flood Insurance Rate Map identifies the project area outside the 500-year floodplain (Exhibit E).
- The Illinois State Historic Preservation Office (ISHPO) Historic Architectural Resources Geographic Information System (HARGIS) Map identifies area of high probability archeology overlying the western half of the project area (Exhibit F).

SPECIFIC DESCRIPTION OF IDENTIFIED WATER RESOURCES

Farmed Wetland 1. This wetland (0.11 acres in size) is located within the southwest portion of the project area. Farmed Wetland 1 drains offsite to the northwest and into an unnamed tributary of the Fox River. The on-site portion of Farmed Wetland 1 consisted of a depressional area dominated by wet-meadow and sedge species, as well as areas of saturated soil and standing water. The area appears to have been farmed within the past 5 years, but not within the last 2 years. The buffer surrounding Farmed Wetland 1 consisted of unplanted agricultural land to the north, east, and south, and woodland dominated by mature trees and scrub-shrub vegetation to the west. Farmed Wetland 1 exhibited wetland signatures in 1 of the 5 historic aerial photographs from years with normal precipitation. The location and acreage of Farmed Wetland 1 were determined through aerial photograph interpretation, and its boundaries were field staked by ENCAP, Inc.

Farmed Wetland 1 will be under the jurisdiction of the U.S. Army Corps of Engineers due to its connection to the Fox River. Two sample points were established within and adjacent to Farmed Wetland 1 to characterize the vegetation, soils, and hydrology (Exhibit G: Aerial Photograph).

Farmed Wetland 1 was primarily vegetated by Bent Grass (*Agrostis stolonifera*), Black Bent (*Agrostis gigantea*), Purslane Speedwell (*Veronica peregrina*), and Fox Sedge (*Carex vulpinoidea*). The mapped soil series is Camden silt loam, a non-hydric soil. USDA field indicator F3: Depleted Matrix provided evidence of hydric soil. Saturation, drainage patterns, geomorphic position, and a positive FAC-neutral test provided evidence of persistent hydrology (See Wetland Determination Data Forms).

The native mean Coefficient of Conservatism (ĉ) for Farmed Wetland 1 was 1.64, and the native Floristic Quality Index (FQI) of Farmed Wetland 1 was 8.20 (see attached Floristic Quality Data). These values indicate a low quality plant community. The wildlife habitat quality as determined using the Michigan Department of Natural Resources (MIDNR) Wildlife Habitat Evaluation Methodology (MRWQ) was low (see below).

WILDLIFE HABITAT QUALITY AS DETERMINED USING THE MICHIGAN DEPARTMENT OF NATURAL RESOURCES (MIDNR) WILDLIFE HABITAT EVALUATION METHOD (MRWQ)

Observers: R. Van Herik & S. Milano

Date: 5/29/19

Farmed Wetland 1

A. Utilization by Wildlife

Sub-Total Score:

Wildlife Use:	Score
Significant	3
Evident	2
Low	1
Occasional	0.5
Non-existent	0

0.5

Observation/Notes:

B. Interspersion of Vegetative Cover

Interspersion:	Score:	Community Type:	% Cover:
High	3	Emergent	5%
Medium	2	Scrub-Shrub	10%
Low	1	Wet-Meadow	50%
		Forested	10%
Sub-Total Score:	1	Aquatic	0%
		Other	5%

C. Vegetative Cover to Open Water

Cover:	Score:
>95% Cover	0.5
76% - 95% Cover, Peripheral	1.5
76% - 95% Cover, Various	2.5
26% - 75% Cover, Peripheral	2.0
26% - 75% Cover Patches	3.0
5% - 25% Cover, Peripheral	1.0
<5% Cover	0.5
Sub-Total Score:	0.5

Farmed Wetland 1 Total Score: 2.0

INVESTIGATION OF FARMED AREAS

During the field investigation, the majority of the site consisted of agricultural land. ENCAP, Inc. evaluated Farm Service Agency (FSA) aerial photographs (slides) year-by-year using NRCS wetland signature criteria. Wetland signatures consist of wetland vegetation, surface water, drowned-out crops, patches of greener vegetation, and avoided areas. Areas exhibiting wetland signatures in >50% or more of reviewed aerial photographs and containing hydric soil are considered farmed wetlands. Additionally, if areas do not exhibit wetland signatures in >50% or more of reviewed aerial photographs but do exhibit positive primary or secondary wetland hydrology indicators in the field, they are also considered farmed wetlands. See the attached aerial photographs for years reviewed and wetland signatures observed. WETS Station data from Aurora, Illinois (closest location available) is also attached.

Table	1.	Slide Analysis	s Summary
		on / 7821 IL Re	

	On / 7621 IL ROU		Туре	of Sign	Sample Points nature / Corresponding Number
Year	FSA Slide #:	Precipitation	Α	С	
1993	n/a	Normal	N	N	
2002	n/a	Normal	N	N	
2006	n/a	Normal	N	N	
2008	n/a	Normal	N	N	
2009	n/a	Normal	D/1	N	
2010	n/a	Wet	N	N	
Percent	wetland signature		20%	0%	
	soil present based		Yes	Yes	
	ed as wetland on the	ne NWI	No	No	
	s as Farmed Wetl		Yes*	No	

D=Discoloration

N=No Wetland Signatures Observed

Y= Yes / Identified

^{*}This area exhibited primary and secondary wetland hydrology indicators in the field.

ADDITIONAL AREAS INVESTIGATED FOR WETLAND STATUS

Two additional vegetated sites located within the project area were examined to determine if they satisfied wetland criteria. Neither of these sites so qualified; therefore, they are referred to as Investigated Areas in this report. Each area is briefly described herein and USACE data forms are provided to support our negative findings (See USACE data forms).

Investigated Area 1. This investigated area is located in the East portion of the project area (Exhibit G: Aerial Photograph – Sample Point C). This area was investigated because it consisted of an area of agricultural field with standing water.

Investigated Area 1 was primarily vegetated by Canada Thistle (*Cirsium arvense*). The mapped soil series is Mayville silt loam, a non-hydric soil. USDA field indicator F6: Redox Dark Surface, provided evidence of hydric soil. Evidence of persistent hydrology was not observed, as the water was due to recent and significant rain events (See Wetland Determination Data Forms).

Based on the non-persistent hydrology, Investigated Area 1 does not qualify as farmed wetland.

Investigated Area 2. This investigated area is located adjacent to the East portion of the project area (Exhibit G: Aerial Photograph – Sample Point D). This area was investigated because it consisted of a culvert that receives run-off from the agricultural field and contained a mix of hydrophytic and upland vegetation.

Investigated Area 2 was primarily vegetated by Narrow-leaf cattail (*Typha angustifolia*) and Curly Dock (*Rumex crispus*). The mapped soil series is Mayville silt loam, a non-hydric soil. The field investigated soils did not exhibit hydric characteristics. Saturation, drainage patterns, geomorphic position, and a positive FAC-neutral test provided evidence of persistent hydrology (See Wetland Determination Data Forms).

Based on the presence of non-hydric soil, Investigated Area 2 does not qualify as wetland.

REGULATORY STATEMENT

<u>Federal Regulations:</u> The deposition of dredged or fill materials into federally jurisdictional wetlands or Waters of the United States is regulated by the USACE under Section 404 of the Clean Water Act.

The Nationwide 39 Permit authorizes 0.1 acre or less of low quality wetlands to be filled without mitigation. If over 0.1 acre is proposed for filling or is subject to secondary impacts, in-kind mitigation may be required at a ratio of 1.5:1, or greater. The aggregate total loss of waters of the U.S. authorized by NWP 39 cannot exceed 0.5 acre or 300 linear feet of streambed.

Under the existing regulations, secondary impacts (both on-site and off-site) from filling also must be evaluated. Mitigation may be required at a higher rate if a project will significantly alter wetland functions such as stormwater detention, water filtration, sediment trapping, and/or wildlife habitat.

Before mitigation will be approved, reasonable proof that avoidance or minimization of wetland impacts has been attempted must be provided to the Corps.

A USACE permit is not required if the wetlands are avoided and construction erosion near a wetland is controlled.

Kendall County Stormwater Management Ordinance: In September 2002 Kendall County adopted a Stormwater Management Ordinance. The ordinance provides for the protection of wetlands and other depressional storage areas from damaging modifications and adverse changes in runoff quality and quantity associated with land developments. Specifically, the ordinance requires the following:

- Existing wetlands shall not be modified for the purposes of stormwater detention unless it is demonstrated that the existing wetland is low in quality and the proposed modifications will maintain or improve its habitat and ability to perform beneficial functions.
- Existing storage and release rate characteristics of wetlands and other depressional storage areas shall be maintained and the volume of detention storage provided to meet the requirements of the ordinance shall be in addition to this existing storage.
- 3. The existing wetland shall be protected during construction by appropriate soil erosion and sediment control measures and shall not be filled.
- 4. Site drainage patterns shall not be altered to substantially decrease or increase the existing area tributary to the wetland.
- All runoff from the development shall be routed through a preliminary detention/sedimentation basin designed to provide a minimum 24-hour hydraulic before property grading begins.
 A buffer strip of at least 25 feet in width.
- A buffer strip of at least 25 feet in width, preferably vegetated with native plant species, shall be maintained or restored around the periphery of the wetland.

In addition, the Kendall County Stormwater Management Ordinance discourages the placement of detention basins in floodplains and streams. However, detention in these areas is allowed if certain requirements are met. We recommend reviewing the ordinance for further information.

United City of Yorkville Wetland Protection Ordinance: The United City of Yorkville has a draft Wetland Protection Ordinance for Water Quality and Stormwater Management Benefits. The principal objective of the ordinance is the protection, preservation, replacement, proper maintenance, restoration, and use in accordance with the character, adaptability, and stability of the Isolated Waters of Yorkville in order to prevent their pollution or contamination; minimize their disturbance, and prevent damage from erosion, siltation, and flooding. Although the there is not a timeline for adopting the ordinance, the City is using it as a guide for reviews and they advise petitioners to follow it as much as possible.

A wetland permit under this ordinance shall be required for any impacts to wetlands not already under the jurisdiction of the USACE.

Wetland Impacts are broken down into six categories:

- 1. Category I: < 1 acre of isolated wetland impact that does not qualify as a High Quality Aquatic Resource.
- 2. Category II: > 1 acre of isolated wetland impact that does not qualify as a High Quality Aquatic Resource.
- 3. Category III: Impacts to roadside ditches and stormwater management facilities that are not under USACE jurisdiction.
- 4. Category IV: Impacts for the restoration, creation, and enhancement of isolated waters and are net gains in aquatic resource function.
- 5. Category V: Impact to High Quality Aquatic Resources
- 6. Category VI: Impacts to Farmed Wetlands

Wetland mitigation shall be required for all Category V impacts, and all impacts greater than 0.25 acres for Categories I,II, IV, and VI. Wetland mitigation shall not be required for Category III impacts. Wetland mitigation ratios are as follows:

- Category I & II 1.5:1
- Category VI 1:1
- Category V or HQAR 10:1
- Category III no mitigation is required but the hydrologic functions must be replaced through BMP's.

Wetland mitigation areas cannot be created within areas that are part of a remnant plant community. Wetland enhancement can be used as mitigation credit at 0.25:1. For cumulative wetland impacts that do not affect HQAR less than or equal to 1.0 acre a fee-in-lieu of mitigation fee may be required. If the following conditions may require fee-in-lieu

- 1. No on-site or adjacent wetlands could be expanded.
- 2. Total wetland impact size is 2.0 acres or less and long term viability is questionable.

Mitigation paid in-lieu is determined by assuming 1.5 times greater than the on-site mitigation

Impacts to wetlands prior to the issuance of a permit are considered HQAR.

Wetlands with a Floristic Quality Index (FQI) greater than or equal to 35, or a C of C value greater than or equal to 3.5 typically must be preserved.

Detention facilities may be created within isolated farmed wetlands or isolated wetlands with more than 75% coverage by Reed Canary Grass, Purple Loosestrife, Common Reed, and Buckthorn species. These detention facilities must be naturalized with native wetland vegetation, and have no more than a 4 foot bounce. Naturalized stormwater detention facilities within permitted types of isolated wetlands may be utilized as mitigation credit, and must be managed and monitored for 3 growing seasons.

For preserved wetlands the FQI shall be calculated for 2 years after commencement of development, and cannot be 5 points less than the original FQI. This monitoring must be done until all development is completed if development exceeds 2 years.

For any impacts to isolated waters of Yorkville associated wetland buffers must comply with this ordinance. Buffers are not required for Category III impacts (isolated roadside ditches and stormwater management facilities). For USACE wetlands within the United City of Yorkville the most stringent buffer requirements apply. There are two types of buffers, linear buffers and waterbody buffers.

Linear buffers consist of all channels (not HQAR) these channels would require a minimum 30 foot buffer; 5 additional feet are required for every slope >10% that is towards the waterbody up to a 100 foot buffer. Class A & B streams with an IBI >40 require a buffer of 100 feet. Linear buffers also include streambank stabilization that results in a change in land use the required buffer can vary from a minimum of 30 feet with a 100 foot maximum. If the stabilization project does not involve a change in land use, a 10 foot buffer is required.

Waterbody buffers are required for wetlands that are > 0.25 acres and do not qualify as HQAR. If a wetland is greater than 0.25 acres with a c-value < 2.8 and an FQI <20 a 30 foot buffer is required; 5 additional feet are required for every slope > 10% that is towards the wetland up to a 100 foot buffer. If a wetland is greater than 0.25 acres with a c-value > 2.8 and/or an FQI >20 a 50 foot buffer is required; 5 additional feet are required for every slope > 10% that is towards the wetland up to a 100 foot buffer. All HQAR wetlands with and FQI >25 and a c-value >3.2 a 100 foot buffer is required.

The Ordinance allows for buffer averaging, however no less than 50% of the buffer can be impacted. Also buffer reduction cannot occur when slope is equal to or greater than 3:1, unless there are existing features (i.e. berm) that prohibits sheet flow into a waterbody, is this is the case the existing feature must be maintained. Recreational paths are allowed to be within buffer areas, however, they must be a minimum of 10 feet in width. If path is not a mowed grass path then it must be at least 15 feet away from the wetland. Utility facilities & maintenance and drainage facilities are allowed within the buffer as long as they are in compliance with all state and federal regulations.

The United City of Yorkville has 30 days to review and approve a permit, if extends beyond the 30 days the permit is considered approved.

Illinois Department of Natural Resources Agency Action Plans for Interagency Wetlands Policy Act of 1989: The Illinois Interagency Wetlands Policy Act of 1989 is intended to ensure that there is no overall net loss of the State's existing wetland acres or their functional values resulting from State-supported activities. The Act charges State agencies with a further duty to "preserve, enhance and create wetlands where necessary to increase the quality and quantity of the State's wetland resource base."

The Interagency Wetlands Policy Act of 1989 states that any construction, land management or other activity performed by, or for which financial assistance is administered or provided by, a State agency that will result in an adverse impact to a wetland shall be subject to compliance. This includes, but is not limited to the following:

- The alteration, removal, excavation, or dredging of soil, sand, gravel, minerals, organic matter, vegetation, or naturally occurring minerals of any kind from a wetland;
- The discharge or deposit of fill material or dredged material in a wetland;
- The alteration of existing drainage characteristics, sedimentation patterns, or flood retention characteristics of a wetland;
- The disturbance of water level or water table of a wetland;
- The destruction or removal of plant life that would alter the character of a wetland, except for activities undertaken in accordance with the Illinois Noxious Weed Act;
- The transfer of State owned wetlands to any entity other than another state agency; and
- Other actions that cause or may cause adverse wetland impacts.

The Act is to be implemented through a State Wetland Mitigation Policy. The State Wetland Mitigation Policy requires preservation of wetlands as the primary objective. Where adverse wetland impacts are unavoidable, progressive levels of compensation based upon the level of impact to the existing wetland and the location of compensation wetlands are required.

Archaeological Survey Requirements: An archaeological survey may be required before a Section 404 permit will be issued for wetland impacts. The U.S. Army Corps of Engineers will make this determination as part of the permit application review. The archaeological survey must cover all areas of the project area, not wetlands only. If you already have a letter from the Illinois State Historic Preservation Office (ISHPO) stating an archaeological survey is required, you should act on it because the USACE will support this notification.

RECOMMENDATIONS

One farmed wetland totaling 0.11 acres was identified on the project area. The farmed wetland boundary must be scaled from the attached aerial photograph (Exhibit G) onto the property boundary survey.

Any impacts to jurisdictional wetland, Waters of the U.S., or associated buffers will require U.S. Army Corps of Engineers, United City of Yorkville, and/or Kendall County notification. ENCAP, Inc. can assist you with permit applications, agency negotiations, wetland design plans, and mitigation plans which may be applicable to your project. The wetland consultant should be involved during the planning and design stages of the project to avoid complications with the agencies after the plan has been drafted. Proper planning regarding wetlands can reduce delays caused by the permitting process and costly changes in site plans.

REFERENCES

- Cowardin, L.M., Carter, V., Golet, F.D., and LaRoe, E.T., 1979, "Classification of Wetlands and Deepwater Habitats of the United States," FWA/OBS-79/31, U.S. Fish & Wildlife Service, Office of Biological Services, Washington, D.C.
- Environmental Laboratory, 1987, "Corps of Engineers Wetlands Delineation Manual," Technical Report Y-87-1, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.
- Federal Interagency Committee for Wetland Delineation. 1989. Federal Manual for Identifying and Delineating Jurisdictional Wetlands. U.S. Army Corps of Engineers, U.S. Environmental Protection Agency, U.S. Fish and Wildlife Service, and U.S.D.A. Soil Conservation Service, Washington D.C.
- Herman, B., Sliwinski, R. and S. Whitaker. 2017. Chicago Region FQA (Floristic Quality Assessment) Calculator. U.S. Army Corps of Engineers, Chicago, IL.
- Illinois Department of Natural Resources. "Agency Action Plans for Interagency Wetlands Policy Act of 1989." http://dnr.state.il.us/wetlands/ch6d.htm.
- Kendall County. 2002. Stormwater Management Ordinance. Revised September 2002.
- Lichvar, R.W., D.L. Banks, W.N. Kirchner, and N.C. Melvin. 2016. The National Wetland Plant List: 2016 wetland ratings. Phytoneuron 2016-30: 1-17. Published 28 April 2016. ISSN 2153 733X.
- Munsell Soil Color Charts. 2018. GretagMacbeth, New Windsor, New York.
- Swink F. and G. Wilhelm, 1994, "Plants of the Chicago Region", 4th Edition, Indianapolis: Indiana Academy of Science.
- United City of Yorkville Wetlands Protection Ordinance. Undated draft.
- United States Army Corps of Engineers and Environmental Protection Agency (EPA). "Clean Water Rule: Definition of 'Waters of the United States'." Final Rule. Federal Register, 80 FR 37053. 2015-06-29.
- United States Army Corps of Engineers 2010. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0), U.S. Army Engineer Research and Development Center.
- United States Army Corps of Engineers 2016. National Wetland Plant List, version 3.3. http://wetland_plants.usace.army.mil/ U.S. Army Corps of Engineers. Engineer Research and Development Center. Cold Regions Research and Engineering Laboratory, Hanover, NH.
- United States Department of Agriculture, 1994, National Food Security Act manual, 180-V-NFSAM, Third Edition, 2nd Amendment, December 20, 1996.
- United States Department of Agriculture, Natural Resources Conservation Service, 2013, "Web Soil Survey 3.1/ National Cooperative Soil Survey."

- http://websoilsurvey.nrcs.usda.gov.
- United States Department of Agriculture, Natural Resources Conservation Service. "Field Indicators of Hydric Soils in the U.S. Guide for Identifying and Delineating Hydric Soils". Version 8.1, 2017.
- United States Department of the Army, Corps of Engineers, "Nationwide Permit Program," January 6, 2017.
- United States Government, Joint Guidance From The Natural Resources Conservation Service And The Army Corps Of Engineers Concerning Wetland Determinations For The Clean Water Act And The Food Security Act Of 1985, March 25, 2005.
- Wilhelm, G. and L. Rericha. 2017, "Flora of the Chicago Region: A Floristic and Ecological Synthesis", Indianapolis: Indiana Academy of Science.

USFWS Section 7 Consultation Review Summary



2585 Wagner Ct. DeKalb, IL 60115 Phone: 815.748.4500 Fax: 815.748.4255 www.encapinc.net

June 3, 2019

U.S. Fish and Wildlife Service Rock Island Illinois Field Office 1511 47th Avenue Moline, IL 61265

Re: USFWS Review Summary - Section 7 Endangered Species Act Consultation

Project: 7821 Route 71, located in Illinois, Kendall County, Oswego Township, Yorkville, T37N R7E Section 35; Latitude 41.642582 N; Longitude -88.403551

ENCAP, Inc. project # 19-0516A

Client: Smrz, Ron

The project area consists of agricultural field most recently used for produce vegetables and totals approximately 17 acres. The site topography was generally flat and sloped slightly to the south. A residence and its associated barn and horse pasture is located within the northeast portion of the project area. The proposed project includes developing part of the property for an RV storage area.

ENCAP, Inc. carefully reviewed the U.S. Fish and Wildlife Service (USFWS) technical assistance website on June 3, 2019, for federally listed threatened and endangered species. According to the website, 3 species are listed and may be present in Kendall County: the Indiana Bat (*Myotis sodalis*), Northern long-eared bat (*Myotis septentrionalis*), and Eastern Prairie Fringed Orchid (*Platanthera leucophaea*).

Limited wildlife habitat exists within the project area. The majority of the site is an active agricultural field. One small farmed wetland was located in the southwest portion of the property and was dominated by low quality and invasive/ non-native vegetation including Bent Grass (Agrostis stolonifera), Black Bent (Agrostis gigantea), Purslane Speedwell (Veronica peregrina), and Fox Sedge (Carex vulpinoidea). The farmed wetland has a native mean C-Value of 1.64 and a native FQI-Value 8.20. This wetland would be considered low-quality and does not contain sedge meadow habitats. No mature trees are located on the site.

Neither of the areas on-site contain suitable habitats for the Indiana Bat, Northern long-eared bat, or Eastern Prairie Fringed Orchid. No mature trees exist on-site, and the area does not contain high-quality sedge meadow or wet-mesic habitat. Therefore, ENCAP, Inc. concludes that the 7821 Route 71 project does not contain the aforementioned listed species, their habitats, or designated critical habitat and will have "no effect" on the aforementioned species.

Robert Van Herik Junior Ecological Consultant ENCAP, Inc. IDNR EcoCAT Natural Resources Review Results





ENCAP, Inc. Applicant:

Susan Rowley Contact:

2585 Wagner Court Address: DeKalb, IL 60115

7821 IL Route 71 Project:

7821 IL Route 71, Yorkville Address:

Description: Development for RV Storage

IDNR Project Number: 1911645 06/06/2019 Date:

Natural Resource Review Results

This project was submitted for information only. It is not a consultation under Part 1075.

The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Fox River INAl Site Yorkville Seep INAI Site

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Kendall

Township, Range, Section:

37N, 7E, 34 37N, 7E, 35

IL Department of Natural Resources Contact

Impact Assessment Section 217-785-5500 Division of Ecosystems & Environment



The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

By using this website, you acknowledge that you have read and agree to these terms. These terms may be revised by IDNR as necessary. If you continue to use the EcoCAT application after we post changes to these terms, it will mean that you accept such changes. If at any time you do not accept the Terms of Use, you may not continue to use the website.

IDNR Project Number: 1911645

- 1. The IDNR EcoCAT website was developed so that units of local government, state agencies and the public could request information or begin natural resource consultations on-line for the Illinois Endangered Species Protection Act, Illinois Natural Areas Preservation Act, and Illinois Interagency Wetland Policy Act. EcoCAT uses databases, Geographic Information System mapping, and a set of programmed decision rules to determine if proposed actions are in the vicinity of protected natural resources. By indicating your agreement to the Terms of Use for this application, you warrant that you will not use this web site for any other purpose.
- 2. Unauthorized attempts to upload, download, or change information on this website are strictly prohibited and may be punishable under the Computer Fraud and Abuse Act of 1986 and/or the National Information Infrastructure Protection Act.
- 3. IDNR reserves the right to enhance, modify, alter, or suspend the website at any time without notice, or to terminate or restrict access.

Security

EcoCAT operates on a state of Illinois computer system. We may use software to monitor traffic and to identify unauthorized attempts to upload, download, or change information, to cause harm or otherwise to damage this site. Unauthorized attempts to upload, download, or change information on this server is strictly prohibited by law.

Unauthorized use, tampering with or modification of this system, including supporting hardware or software, may subject the violator to criminal and civil penalties. In the event of unauthorized intrusion, all relevant information regarding possible violation of law may be provided to law enforcement officials.

EcoCAT generates a public record subject to disclosure under the Freedom of Information Act. Otherwise, IDNR uses the information submitted to EcoCAT solely for internal tracking purposes.

IDNR Project Number: 1911645





EcoCAT Receipt

Project Code 1911645

APPLICANT DATE

ENCAP, Inc. Susan Rowley 2585 Wagner Ct DeKalb, IL 60115 6/6/2019

DESCRIPTION	FEE	CONVENIENCE FEE	TOTAL PAID
EcoCAT Consultation	\$ 25.00	\$ 1.00	\$ 26.00

TOTAL PAID \$26.00

Illinois Department of Natural Resources One Natural Resources Way Springfield, IL 62702 217-785-5500 dnr.ecocat@illinois.gov Floristic Quality Data Sheets

Attachment 5, Page 27

SITE: LOCALE:

7821 Route 71 Farmed Wetland 1 R. Van Herik & S. Milano 29-May-19

BY: NOTES:

CONSERVATISM- BASED			
METRICS			ADDITIONAL METRICS
MEAN C		414414	
(NATIVE SPECIES)	1.64	SPECIES RICHNESS (ALL)	33
MEAN C		ACCUPATION OF THE PARTY OF	3.0
(ALL SPECIES)	1.24	SPECIES RICHNESS (NATIVE)	
MEAN C		(IVALIVE)	25
(NATIVE TREES)	2.33	% NON-NATIVE	0.24
MEAN C		ACC-20-07-07-11-8	
(NATIVE SHRUBS) n/a		WET INDICATOR	
MEAN C		(ALL)	-0,42
(NATIVE		When all Colors	
HERBACEOUS)	1.55	WET INDICATOR	
Section of selection	1,55	(NATIVE)	-0.48
FQAI		01 1110-1-11	
(NATIVE SPECIES)	8.20	% HYDROPHYTE	
FQAI	0.20	(MIDWEST)	0.79
(ALL SPECIES)	7.14	% NATIVE	
ADJUSTED FOAI	14.27	PERENNIAL	0.45
% C VALUE 0	0.58	% NATIVE ANNUAL	0.24
% C VALUE 1-3	0.24	% ANNUAL	0.33
% C VALUE 4-6	0.18	% PERENNIAL	0.61
% C VALUE 7-10	0.00		
	0.00		

-242.00ers	SPECIES NAME				9542 13 200					
SPECIES	(NWPL/	SPECIES	COMMON		MIDWEST		WET			
ACRONYM	MOHLENBROCK)				WET	NC-NE WET				
T. a. i. a. i.	MONLENBRUCK)	(SYNONYM)	NAME	C VALUE	INDICATOR	INDICATOR	INDICATOR			
					INDICATOR	INDICATOR	(NUMERIC)	HABIT	DURATION	NATIVITAN N
		Acer neguno	do							
		var.								
aceneg	Acer negundo	violaceum	Ash-Leaf Maple		ALC: The					
		AGROSTIS	150 ccar maple		0 FAC	FAC		Tree	Perennial	Native
agrgig	Agrostis gigantea	ALBA	DI 1 8					1100	r ci ci ililai	Native
VE 23	gigoricea		Black Bent		0 FACW	FACW		-	E. Maria	
agrsto	Amenatia at the co	Agrostis alba					-1	Grass	Perennial	Adventi
49.010	Agrostis stolonifera		Spreading Bent		2 FACW	EARIN				
and the		Ambrosia	The state of the s		- INCM	FACW	-1	Grass	Perennial	Native
ambtri	Ambrosia trifida	trifida	Great Ragweed		1 233					
		Bidens	Cicat Ragweed		0 FAC	FAC	0	Forb	Annual	Native
bidfro	Bidens frondosa	frondosa	D				17		Ailitual	Native
			Devil's-Pitchfork		1 FACW	FACW	- 4	Caule	700 00	
cxvulp	Canan and the state	Carex				17.1011	-1	Forb	Annual	Native
CATOIP.	Carex vulpinoidea	vulpinoidea	Common Fox Sedge		2 FACW	OBL				
Maria and		CIRSIUM			LIACIV	OBL	-1	Sedge	Perennial	Native
cirarv	Cirsium arvense	ARVENSE	Canadian Thistle		e e. e.					
	Echinochloa crus-	Echinochloa	Large Barnyard		0 FACU	FACU	1	Forb	Perennial	Adventiv
echcru	galli	crusgalli	Grass						Cremin	Adventi
	122.77	Epilobium	Grass		0 FACW	FAC	-1	Grass	Approal	10.56
epicil	Epilobium ciliatum						-1	Grass	Annual	Native
PREITY	Ephobiam Chiatam	ciliatum	Fringed Willowherb		0 FACW	FACW	-	e : i		
eriann		Erigeron	Eastern Daisy		- 111.001	INCV	-1	Forb	Perennial	Native
Citatili	Erigeron annuus	annuus	Fleabane		0 FACU	4.5.0				
		Fraxinus			OFACU	FACU	1	Forb	Biennial	Native
		pennsylvanic								
		а								
		subintegerri								
	Fraxinus									
frapen	pennsylvanica	ma; Fraxinus								
7.75.	permsylvanica	lanceolata	Green Ash		4 FACW	FACW	110.0	January 1		
		Glyceria			· (men	UCAN	-1	Tree	Perennial	Native
ACC.		striata var.								
glystr	Glyceria striata	stricta	Fowl Manna Grass		1.00					
		Impatiens	Spotted Touch-Me-		4 OBL	OBL	-2	Grass	Perennial	Native
mpcap	Impatiens capensis	capensis	Not						, creming	Mative
iugnig	Juglans nigra				3 FACW	FACW	-11	- water	45555	Section 1
		Juglans nigra	Black Walnut		and the second second	FACU			Annual	Native
uneff		Juncus			C. C	7,00	1	ree	Perennial	Native
diferi	solutus	effusus	Lamp Rush		5 OBL (201				
W. Vitae			Lesser Poverty		J ODL	OBL	-2 F	orb	Perennial	Native
unten	Juncus tenuis	Juncus tenuis	Rush		200					
		A. J. J. S.	110011		0 FAC F	AC	0 F	orb	Perennial	Native
emmio	Lemna minor	I aman mines	ALEX CALC.				7.1	4.0	rerennal	Native
		Centina minor	Common Duckweed		5 OBL (OBL	2.5	aut	A SOLOTO	
enbie		Oenothera					-2 F	OID	Annual	Native
10		biennis	King's-Cureall		0 FACU F	ACU	30.0			
Octobra d		POLYGONIIM			- INCO	ACU	1 F	orb	Biennial	Native
ermac	Persicaria maculosa	PERSICARIA	Lady's-Thumb	- 26	0 506111					60.30
		And the second of	The Asset of the Control of the Cont	1.1	0 FACW F	AC	-1 F	orb	Annual	Adventive
										un velitive

Attachment 5, Page 28

pervir	Persicaria virginiana	Polygonum virginianum	Jumpseed	4 FAC	-615			
plamaj	Plantago major	PLANTAGO MAJOR		4 PAC	FAC	0 Forb	Perennial	Native
potnor		Potentilla	Great Plantain Norwegian	0 FAC	FACU	0 Forb	Perennial	Adventive
rumcri	Potentilla norvegio	RUMEX	Cinquefoil	0 FAC	FAC	0 Forb	Annual	Native
rumen	Rumex crispus	CRISPUS Scirpus fluviatilis;	Curly Dock	0 FAC	FAC	0 Forb	Perennial	Adventive
schflu	Schoenoplectus fluviatilis	Bolboschoen s fluviatilis						
setpum	Setaria pumila	SETARIA	River Club-Rush	4 OBL	OBL	-2 Sedge	Perennial	Native
solalt		GLAUCA Solidago	Yellow Bristle Grass	0 FAC	FAC	0 Grass	Annual	Adventive
sympil	Solidago altissima Symphyotrichum	altissima	Tall Goldenrod White Oldfield	1 FACU	FACU	1 Forb	Perennial	Native
	pilosum	Aster pilosus THLASPI	American-Aster	0 FACU	FACU	1 Forb	Perennial	Native
thlarv	Thlaspi arvense Toxicodendron	ARVENSE Rhus	Field Pennycress	0 FACU	UPL	1 Forb		
toxrad	radicans	radicans TYPHA	Eastern Poison-Ivy	2 FAC	FAC	0 Vine	Annual Perennial	Adventive Native
typang	Typha angustifolia	ANGUSTIFOL IA	Narrow-Leaf Cat- Tail	0.000	Cally		, e.c.	Nauve
verpee	Veronica peregrina	Veronica peregrina	Neckweed	0 OBL	OBL	-2 Forb	Perennial	Adventive
		Vitis riparia	Neckweed	0 FACW	FAC	-1 Forb	Annual	Native
vitrip	Vitis riparia	var, syrticola Xanthium strumarium	River-Bank Grape	1 FACW	FAC	-1 Vine	Perennial	Native
xanstr	Xanthium	var. canadense; Xanthium strumarium var.						
nui isti	strumarium	glabratum	Rough Cockleburr	0 FAC	FAC	0 Forb	Annual	Native

Wetland Determination Data Forms

pplicant/Owner: Smrz, Ron					Stat	e: IL	Sampling Point:	1
							-	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	a Lange	- 10 Y					
andform (hillslope, terrace, etc.):	Agricult	ural Field De	pression	Loc	cal Relief (conc	ave, convex, none)	Concave	
ope (%):	Lat:	41.642582		_ong: -88.40	06551	Datum: _F	armed Wetland 1	
oil Map Unit Name: Camo	en silt loam, 5	to 10 percen	it slopes, e	roded (134C2)		NW	VI classification:I	None
e climatic / hydrologic condition	s on the site ty	pical for this	time of yea	r? Yes⊠N	lo 🗌 (If no exp	olain in remarks)		
e vegetation 🛛 Soil 🖾	Hydrology	⊠ sig	gnificantly o	listurbed?	Are norma	al circumstances pre	esent? Yes 🗆 N	lo 🛛
e vegetation Soil	Hydrology	□ na	turally prob	olematic?	(If needed	, explain any answe	ers in Remarks.)	
IMMARY OF FINDINGS -	- Attach sit	e map sh	owing sa	ampling poi	nt locations	s, transects, im	portant feature	s, etc.
ydrophytic Vegetation Present?	Yes 🛛 No	оП						
ydric Soils Present ? /etland Hydrology Present?	Yes 🛛 No			Is the S	Sampled Area	Within a Wetland?	Yes 🗵	No □
emarks: Tilled and tiled for agri-	culture. This ar	ea meets the	hydric soi	ls and wetland	hydrology crite	ria to qualify as a fa	rmed wetland. This	area has beer
rmed in the last 5 years, and the	erefore is consi	idered a farm	ned wetland	i.				
GETATION - Use scient	fic names o	of plants.						
Add the state of the said of t								
			Absolute	Dominant	Indicator	Dominance Tes	st worksheet:	
ree Stratum (Plot size: 30')		% Cover	Species?	Status			
. Juglans nigra		- 46	% Cover 5			Number of Domi	inant Species	(Δ)
. Juglans nigra			% Cover 5	Species? Y	Status	Number of Domi	inant Species ACW, or FAC: 3	(A)
. Juglans nigra			% Cover 5	Species? Y	Status	Number of Domi That are OBL,FA Total Number of	inant Species ACW, or FAC: 3 f Dominant	
. Juglans nigra 			% Cover 5	Species? Y	Status	Number of Domi	inant Species ACW, or FAC: 3 f Dominant	
. Juglans nigra			% Cover 5	Species? Y	Status FACU	Number of Domi That are OBL,FA Total Number of Species Across	inant Species ACW, or FAC: 3 F Dominant All Strata: 4 inant Species	(B)
. Juglans nigra	e: <u>15'</u>)		<u>% Cover</u> 5	Species? Y = Total Cove	Status FACU	Number of Domi That are OBL,FA Total Number of Species Across Percent of Domi That are OBL,FA	inant Species ACW, or FAC: 3 F Dominant All Strata: 4 inant Species ACW, or FAC 75%	(B)
. Juglans nigra 	e: <u>15'</u>)		<u>% Cover</u> 5	Species? Y = Total Cove	Status FACU	Number of Domi That are OBL,FA Total Number of Species Across Percent of Domi That are OBL,FA Prevalence Inde	inant Species ACW, or FAC: 3 F Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet:	(B) (A/B)
. Juglans nigra	s: <u>15'</u>)		% Cover 5 5	Species? Y = Total Cove	Status FACU	Number of Domi That are OBL,FA Total Number of Species Across Percent of Domi That are OBL,FA Prevalence Indi Total % Cove	inant Species ACW, or FAC: 3 i Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet: er of: Multi	(A/B)
. Juglans nigra	e: <u>15'</u>)		% Cover 5	Species? Y = Total Cove	Status FACU	Number of Domi That are OBL,FA Total Number of Species Across Percent of Domi That are OBL,FA Prevalence Ind Total % Cove OBL species:	inant Species ACW, or FAC: 3 F Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet: r of: Multi x 1 =	(A/B)
Juglans nigra Juglans nigra Appling/Shrub Stratum (Plot size	e: <u>15'</u>)		% Cover 5	Species? Y = Total Cove	Status FACU	Number of Domi That are OBL,FA Total Number of Species Across Percent of Domi That are OBL,FA Prevalence Inde Total % Cove OBL species: FACW species: FAC species:	inant Species ACW, or FAC: 3 F Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet: or of: Multi x 1 = x 2 = x 3 =	(A/B)
Juglans nigra apling/Shrub_Stratum (Plot size	e: <u>15'</u>)		% Cover 5	Species? Y = Total Cove	Status FACU	Number of Domi That are OBL,FA Total Number of Species Across Percent of Domi That are OBL,FA Prevalence Inde Total % Cove OBL species: FACW species: FAC species: FAC species: FACU species:	inant Species ACW, or FAC: 3 f Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet:	(A/B)
Juglans nigra Juglans nigra Appling/Shrub Stratum (Plot size	e: <u>15'</u>)		% Cover 5	Species? Y = Total Cove	Status FACU	Number of Domi That are OBL,FA Total Number of Species Across Percent of Domi That are OBL,FA Prevalence Index Total % Cove OBL species: FACW species: FACU species: FACU species: UPL species: UPL species:	inant Species ACW, or FAC: 3 F Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet:	(A/B)
Juglans nigra Juglans nigra Annual Stratum (Plot size	e: <u>15'</u>)		% Cover 5 5 5	Species? Y = Total Cove	Status FACU	Number of Domi That are OBL,FA Total Number of Species Across Percent of Domi That are OBL,FA Prevalence Inde Total % Cove OBL species: FACW species: FAC species: FAC species: FACU species:	inant Species ACW, or FAC: 3 F Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet:	(A/B)
Juglans nigra	e: <u>15'</u>)		% Cover 5 5 5 0 0 30	Species? Y = Total Cove	Status FACU	Number of Domi That are OBL,FA Total Number of Species Across Percent of Domi That are OBL,FA Prevalence Indu Total % Cove OBL species: FACW species: FAC species: FACU species: UPL species: Column Totals	inant Species ACW, or FAC: 3 i Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet:	(A/B)
Juglans nigra Juglan	e: <u>15'</u>)		% Cover 5 5 5 0 0 30 15	Species? Y = Total Cove = Total Cove	Status FACU	Number of Domi That are OBL,FA Total Number of Species Across Percent of Domi That are OBL,FA Prevalence Indu Total % Cove OBL species: FACW species: FAC species: FACU species: UPL species: Column Totals	inant Species ACW, or FAC: 3 F Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet:	(A/B)
1. Juglans nigra 2	e: <u>15'</u>)		% Cover 5 5 0 30 15 15	Species? Y = Total Cove = Total Cove Y Y Y	Status FACU	Number of Domi That are OBL,FA Total Number of Species Across Percent of Domi That are OBL,FA Prevalence Indi Total % Cove OBL species: FACW species: FACU species: FACU species: UPL species: Column Totals Prevale	inant Species ACW, or FAC: 3 if Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet:	(A/B) (A/B) ply by:
1. Juglans nigra 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size) 1. 2. 3. 4. 5. Herb Stratum (Plot size: 5') 1. Agrostis stolonifera 2. Agrostis gigantea 2. Agrostis gigantea 3. Carex vulpinoidea 4. Bidens frondosa	e: <u>15'</u>)		% Cover 5 5 0 30 15 15 5	Species? Y = Total Cove - Total Cove Y Y N	FACW FACW FACW FACW FACW	Number of Domi That are OBL,FA Total Number of Species Across Percent of Domi That are OBL,FA Prevalence Indi Total % Cove OBL species: FACW species: FACU species: FACU species: UPL species: Column Totals Prevale	inant Species ACW, or FAC: 3 i Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet:	(A/B) (A/B) ply by:
Juglans nigra Juglan	e: <u>15'</u>)		% Cover 5 5 0 30 15 15	Species? Y = Total Cove = Total Cove Y Y Y	Status FACU	Number of Domi That are OBL,FA Total Number of Species Across Percent of Domi That are OBL,FA Prevalence Ind Total % Cove OBL species: FACW species: FACU species: FACU species: Column Totals Prevale Hydrophytic Ve	inant Species ACW, or FAC: 3 f Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet:	(A/B) (A/B)
1. Juglans nigra 2. 3. 4. 5. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	e: <u>15'</u>)		% Cover 5 5 5 0 30 15 15 5 5 5	Species? Y = Total Cove Y Y N N	FACW FACW FACW FACW FACW FACW FACW	Number of Domi That are OBL,FA Total Number of Species Across. Percent of Domi That are OBL,FA Prevalence Ind Total % Cove OBL species: FACW species: FACU species: Column Totals Prevale Hydrophytic Ve	inant Species ACW, or FAC: 3 f Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet:	(A/B) (A/B)
1. Juglans nigra 2. 3. 4. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	e: <u>15'</u>)		% Cover 5 5 0 30 15 15 5 5 3	Species? Y = Total Cove Y Y N N N	FACW FACW FACW FACW FACW FACW FACW	Number of Domi That are OBL,FA Total Number of Species Across Percent of Domi That are OBL,FA Prevalence Ind Total % Cove OBL species: FACW species: FACU species: FACU species: Column Totals Prevale Hydrophytic Ve	inant Species ACW, or FAC: 3 f Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet:	(A/B) oly by: control contr
1. Juglans nigra 2. 3. 4. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	e: <u>15'</u>)		% Cover 5 5 0 30 15 15 5 5 3	Species? Y = Total Cove Y Y N N N	FACW FACW FACW FACW FACW FACW FACW	Number of Domi That are OBL,FA Total Number of Species Across Percent of Domi That are OBL,FA Prevalence Ind Total % Cove OBL species: FACW species: FACU species: Column Totals Prevale Hydrophytic Ve	inant Species ACW, or FAC: 3 f Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet: r of: Multi x 1 = x 2 = x 3 = x 4 = x 5 = (A) ence Index = B/A = 2 egetation Indicators or Hydrophytic Vege Test is >50% Index is ≤ 3.0¹ al Adaptations¹ (Pro	(A/B) oly by: tation
1. Juglans nigra 2. 3. 4. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	e: <u>15'</u>)		% Cover 5 5 5 0 30 15 15 5 3 2	Species? Y = Total Cove Y Y Y N N N N N	FACW FACW FACW FACW FACW FACW FACW FACW	Number of Domi That are OBL,F/F Total Number of Species Across Percent of Domi That are OBL,F/F Prevalence Indu Total % Cove OBL species: FACW species: FACU species: Column Totals Prevale Hydrophytic Ve Rapid Test fo Dominance I Prevalence I Morphologica data in Re	inant Species ACW, or FAC: 3 i Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet:	(A/B) ply by: tation vide supporting rate sheet)
Juglans nigra Juglan	ə: <u>15'</u>)		% Cover 5 5 0 30 15 15 5 5 3	Species? Y = Total Cove Y Y N N N	FACW FACW FACW FACW FACW FACW FACW FACW	Number of Domi That are OBL,FA Total Number of Species Across. Percent of Domi That are OBL,FA Prevalence Ind Total % Cove OBL species: FACW species: FACU species: Column Totals Prevale Hydrophytic Ve Rapid Test fo Dominance Prevalence I Morphologica data in Re I Problematic Indicators of hy	inant Species ACW, or FAC: 3 f Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet: r of: Multi x 1 = x 2 = x 3 = x 4 = x 5 = (A) ence Index = B/A = 2 egetation Indicators or Hydrophytic Vege Test is >50% Index is ≤ 3.0¹ al Adaptations¹ (Pro	(A/B) oly by: tation vide supportin rate sheet) ion¹ (Explain) i hydrology m
1. Juglans nigra 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size: 5') 1. Agrostis stolonifera 2. Agrostis stolonifera 2. Agrostis gigantea 3. Carex vulpinoidea 4. Bidens frondosa 5. Veronica peregrina 6. Rumex crispus	ə: <u>15'</u>)		% Cover 5 5 5 0 30 15 15 5 3 2	Species? Y = Total Cove Y Y Y N N N N N	FACW FACW FACW FACW FACW FACW FACW FACW	Number of Domi That are OBL,FA Total Number of Species Across Percent of Domi That are OBL,FA Prevalence Ind Total % Cove OBL species: FACW species: FACU species: Column Totals Prevale Hydrophytic Ve Rapid Test fo Dominance Prevalence I Norphologica data in Re Totale	inant Species ACW, or FAC: 3 f Dominant All Strata: 4 inant Species ACW, or FAC 75% ex worksheet:	(A/B) oly by: tation vide supporting rate sheet) ion¹ (Explain) i hydrology milematic

	Matrix	ibe the d	epth needed to do	dox Feature	s	COMMITTEE AND	23421,1270000	
epth ches)	Color (Moist)	%	Color (Moist)	%	Type ¹	Loc ²	Texture	Remarks
-18	10YR 4/1	80	7.5YR 4/3	15	C	M	SICL	
-10	10111 01	-	10YR 6/2	5	D	M		
224	10YR 3/1	65	10YR 5/2	30	D	M	SICL	
3-24	10 TK 3/1	00	7.5YR 4/3	5	D C	M		
-		-	1.5111415	≥	-	_		
		-		-	-			
_	-			_		_		
	O	- Donloti	on, RM = Reduced	Matrix CS	= Covered or	Coated San	d Grains ² Lo	ocaton: PL =Pore Lining, M = Matrix
pe: C =	il Indicators	- Depleti	on, Nivi - Neduced	I WIGHTA, CC	0010100		Indicators fo	or Problematic Hydric Soils ³
Histoso	Indicators		☐ Sandy	Gleyed Mat	trix (S4)		☐ Coast Pra	airie Redox (A16)
Histoso	pipedon (A2)		☐ Sandy	Redox (S5)			☐ Dark Surf	ace (S7)
Black L	Histic (A3)		☐ Strippe	ed Matrix (S	6)		☐ Iron- Man	ganese Masses (F12)
Diack I	en Sulfide (A4)		☐ Loamy	Mucky Min	eral (F1)		☐ Very Sha	llow Dark Surface (TF12)
Ctrotific	ed Layers (A5)		☐ Loamy	Gleyed Ma	trix (F2)		Other (Ex	plain in Remarks)
	luck (A10)		□ Deplet	ted Matrix (F	3)			
Donlote	ed below Dark Su	rface (A1	1) Redox	Dark Surfa	ce (F6)			
Thick F	Dark Surface (A12	2)	Deplet	ted Dark Su	rface (F7)		3 Indicators of	of hydrophytic vegetation and wetlan
Candy	Mucky Mineral (S	:1)	☐ Redox	Depression	ns (F8)			nust be present unless disturbed or
Sandy E am A	lucky Peat or Pea	at (S3)	<u> </u>				problemation	3.
5 CIII IV	e Layer (if obse	rvedl						
Type:	e Layer (II obse	, veu,					#C+0-5-5	
			_				Hydric Soil	Present? Yes ⊠ No □
Depth:			_					
YDRO	LOGY							
etland)LOGY Hydrology Indic						Qdo	ry Indicators (mínimum of two requir
YDRO etland)LOGY Hydrology Indic		is required: check	all that apply	y)		Seconda	ry Indicators (minimum of two require
YDRO etland imary li	OLOGY Hydrology Indic ndicators (Minimu		is required: check.	later Staine	d Leaves (Da)		Surf	face Soil Cracks (B6)
YDRO etland imary li	OLOGY Hydrology Indic ndicators (Minimu		HW	ouatic Faun	a (B 3)		☐ Surf	face Soil Cracks (B6) inage Patterns (B10)
YDRO etland imary li] Surface] High V	DLOGY Hydrology Indic Indicators (Minimuse Water (A1) Water Table (A2) Indicators (A3)			rater Staine quatic Faun rue Aquatic	a (B 3) Plants (B14)		☐ Surfi ☑ Drai ☐ Dry-	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2)
YDRO etland imary li Surfac High V Satura Water	DLOGY Hydrology Indic Indicators (Minimuse Water (A1) Water Table (A2) ation (A3) Marks (B1)	im of one		vater Staine quatic Faun rue Aquatic Ivdrogen Su	a (B 3) Plants (B14) Ifide Odor (C1) +	☐ Surfi ☐ Drai ☐ Dry- ☐ Cra	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) vfish Burrows (C8)
YDRO etland imary II] Surfac] High V] Satura] Water] Water	DLOGY Hydrology Indic ndicators (Minimuse Water (A1) Water Table (A2) ation (A3) Marks (B1) nent Deposits (B2)	im of one		vater Stainer quatic Faun rue Aquatic lydrogen Su Dxidized Rhi	a (B 3) Plants (B14) Ifide Odor (C1 zospheres on I) Living Roots	☐ Surfi ☐ Drai ☐ Dry- ☐ Crai (C3) ☐ Sati	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (CS
YDRO etland imary li] Surface] High V] Satura] Water] Sedim	Hydrology Indic ndicators (Minimuse Water (A1) Water Table (A2) ation (A3) Marks (B1) ment Deposits (B2)	im of one		vater Stainer quatic Faun rue Aquatic lydrogen Su Dxidized Rhiz Presence of I	a (B 3) Plants (B14) Ifide Odor (C1 zospheres on I Reduced Iron () Living Roots (C4)	☐ Surfi ☐ Drai ☐ Crai ☐ Crai ☐ Sati	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9 nted or Stressed Plants (D1)
YDRO vetland rimary II Surface High V Satura Water Sedim Drift D Algal	Hydrology Indicators (Minimuse Water (A1) Water Table (A2) ation (A3) Marks (B1) Ment Deposits (B2) Deposits (B3) Mat or Crust (B4)	im of one	W A T D C C	vater Stainer quatic Faun rue Aquatic lydrogen Su exidized Rhiz Presence of I Recent Iron F	a (B 3) Plants (B14) Ifide Odor (C1 zospheres on I Reduced Iron (Reduction in Ti) Living Roots (C4)	Surf Drai Dry- Cra (C3) Satu Stur 6) Ø Ged	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9 nted or Stressed Plants (D1) pmorphic Position (D2)
YDRO etland imary li Surface High V Satura Satura Sedim Drift E Algal	Hydrology Indic ndicators (Minimuse Water (A1) Water Table (A2) ation (A3) Marks (B1) ment Deposits (B2) Deposits (B3) Mat or Crust (B4)	im of one	W A A A A A A A A A	vater Stainel quatic Faun rue Aquatic lydrogen Su Oxidized Rhiz resence of I Recent Iron F Thin Muck Si	a (B 3) Plants (B14) Ifide Odor (C1 zospheres on I Reduced Iron (Reduction in Ti urface (C7)) Living Roots (C4)	Surf Drai Dry- Cra (C3) Satu Stur 6) Ø Geo	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9 nted or Stressed Plants (D1)
YDRO etland imary li Surface High V Satura Water Sedim Drift D Algal	Hydrology Indic ndicators (Minimus ee Water (A1) Water Table (A2) ation (A3) Marks (B1) ment Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5)	m of one	W A T D C C D T aery (B7) D	vater Stainel quatic Faun rue Aquatic lydrogen Su Dxidized Rhiz resence of l Recent Iron F Thin Muck Si Gauge or We	a (B 3) Plants (B14) Plide Odor (C1 zospheres on l Reduced Iron (Reduction in Ti urface (C7) ell Data (D9)) Living Roots (C4) illed Soils (C	Surf Drai Dry- Cra (C3) Satu Stur 6) Ø Geo	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9 inted or Stressed Plants (D1) imorphic Position (D2)
YDRO etland imary li Surface High V Satura Water Sedim Drift D Iron D Iron D	Hydrology Indic endicators (Minimus ee Water (A1) Water Table (A2) ation (A3) Marks (B1) ment Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5) ation Visible on Asely Vegetated Co	m of one	W A T D C C D T aery (B7) D	vater Stainel quatic Faun rue Aquatic lydrogen Su Dxidized Rhiz resence of l Recent Iron F Thin Muck Si Gauge or We	a (B 3) Plants (B14) Ifide Odor (C1 zospheres on I Reduced Iron (Reduction in Ti urface (C7)) Living Roots (C4) illed Soils (C	Surf Drai Dry- Cra (C3) Satu Stur 6) Ø Geo	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9 inted or Stressed Plants (D1) imorphic Position (D2)
YDRO etland imary li] Surface] High V] Satura] Water] Sedim] Drift D] Algal] Iron D] Inund	Hydrology Indic ndicators (Minimus ee Water (A1) Water Table (A2) ation (A3) Marks (B1) ment Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5)	erial Imag	W A D H D C P D F D T Gery (B7) G	vater stanel, quatic Faun rue Aquatic lydrogen Su existed Rhiz resence of la Recent Iron Fan Muck Si Sauge or We Other (Explain)	a (B 3) Plants (B14) Iffide Odor (C1 zospheres on I Reduced Iron (Reduction in Ti urface (C7) ell Data (D9) in in Remarks)) Living Roots (C4) illed Soils (C	Surf Drai Dry- Cra (C3) Satu Stur 6) Ø Geo	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9 inted or Stressed Plants (D1) imorphic Position (D2)
yDRO etland imary li] Surface] High V] Satura] Water] Sedim] Drift D] Algal] Iron D] Inund] Spars ield Ob	Hydrology Indicendicators (Minimuse Water (A1)) Water Table (A2) ation (A3) Marks (B1) Ment Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5) ation Visible on A selly Vegetated Conservations:	erial Imagoncave Su	U W □ A □ T □ C □ P □ F □ T □ C □ F □ T □ C □ F □ T □ C □ F □ T □ C □ F □ F □ F □ F □ F □ F □ F □ F □ F	vater stanel- quatic Faun rue Aquatic lydrogen Su exidized Rhia resence of l Recent Iron F hin Muck Si Gauge or We other (Explain	a (B 3) Plants (B14) Iffide Odor (C1 zospheres on I Reduced Iron (Reduction in Ti urface (C7) ell Data (D9) in in Remarks)) Living Roots (C4) illed Soils (C	Surf Drai Dry- Cra (C3) Satu Stur 6) Ø Geo	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9 inted or Stressed Plants (D1) imorphic Position (D2)
yDRO etland imary li] Surface] High V] Satura] Water] Sedim] Drift D] Algal] Iron D] Inund] Spars ield Ob	Hydrology Indicators (Minimuse Water (A1) Water Table (A2) ation (A3) Marks (B1) hent Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5) ation Visible on A sely Vegetated Conservations: Water Present?	erial Imagoncave Su	W A A A A A A A A A	vater stanel- quatic Faun rue Aquatic lydrogen Su exidized Rhiz resence of l Recent Iron F hin Muck Si Bauge or We other (Explaining) linches) N/A	a (B 3) Plants (B14) Iffide Odor (C1 zospheres on I Reduced Iron (Reduction in Ti urface (C7) Ill Data (D9) in in Remarks)) F Living Roots (C4) (Illed Soils (C	☐ Surfi ☐ Drai ☐ Dry- ☐ Cra ☐ (C3) ☐ Sati ☐ Stati ☐ Stati ☐ Stati ☐ Stati	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9 inted or Stressed Plants (D1) imorphic Position (D2) :-Neutral Test (D5)
YDRO etland imary li] Surface] High V] Satura] Water] Sedim] Drift D] Algal] Iron D] Inund] Spars ield Ob	Hydrology Indicators (Minimuse Water (A1) Water Table (A2) ation (A3) Marks (B1) Hent Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5) Ation Visible on A sely Vegetated Conservations: Water Present?	erial Imagoncave Su	W A D H D C P D F D T Gery (B7) G	vater stanel- quatic Faun rue Aquatic lydrogen Su exidized Rhiz resence of l Recent Iron F hin Muck Si Bauge or We other (Explaining) linches) N/A	a (B 3) Plants (B14) Iffide Odor (C1 zospheres on I Reduced Iron (Reduction in Ti urface (C7) Ill Data (D9) in in Remarks)) F Living Roots (C4) (Illed Soils (C	☐ Surfi ☐ Drai ☐ Dry- ☐ Cra ☐ (C3) ☐ Sati ☐ Stati ☐ Stati ☐ Stati ☐ Stati	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9 nted or Stressed Plants (D1) pmorphic Position (D2)
YDRO etland imary li] Surface] High V] Satura] Water] Sedim] Drift D] Iron D] Inund] Spars jeld Ob surface V Vater Ta saturation	Hydrology Indicendicators (Minimulators (Minimulators (Minimulators (A1)) Water Table (A2) Water Table (A2) Water Table (A2) Water Table (A2) Water Deposits (B3) Water Crust (B4) Water Vegetated Conservations: Water Present? Water Present?	verial Imag oncave Su Yes I Yes I	W A A A A A A A A A	vater stanel- quatic Faun rue Aquatic lydrogen Su exidized Rhiz resence of laceent Iron F hin Muck Si Gauge or We other (Explaininches) N// inches) N// inches) 0"	a (B 3) Plants (B14) Ifide Odor (C1 zospheres on I Reduced Iron (Reduction in Ti urface (C7) Ill Data (D9) In in Remarks)) F Living Roots (C4) Illed Soils (C	☐ Surfi ☐ Dry- ☐ Crai ☐ Crai ☐ (C3) ☐ Sati ☐ Stati	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9 inted or Stressed Plants (D1) imorphic Position (D2) :-Neutral Test (D5)
YDRO etland imary li] Surface] High V] Satura] Water] Sedim] Drift D] Iron D] Inund] Spars jeld Ob surface V Vater Ta saturation	Hydrology Indicendicators (Minimulators (Minimulators (Minimulators (A1)) Water Table (A2) Water Table (A2) Water Table (A2) Water Table (A2) Water Deposits (B3) Water Crust (B4) Water Vegetated Conservations: Water Present? Water Present?	verial Imag oncave Su Yes I Yes I	W A A A A A A A A A	vater stanel- quatic Faun rue Aquatic lydrogen Su exidized Rhiz resence of laceent Iron F hin Muck Si Gauge or We other (Explaininches) N// inches) N// inches) 0"	a (B 3) Plants (B14) Ifide Odor (C1 zospheres on I Reduced Iron (Reduction in Ti urface (C7) Ill Data (D9) In in Remarks)) F Living Roots (C4) Illed Soils (C	☐ Surfi ☐ Dry- ☐ Crai ☐ Crai ☐ (C3) ☐ Sati ☐ Stati	inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9) nted or Stressed Plants (D1) omorphic Position (D2) :-Neutral Test (D5)
YDRO retland rimary li] Surface] High V] Satura] Water] Sedim] Drift D] Iron D] Inund] Spars ield Ob surface V Vater Ta saturation	Hydrology Indicendicators (Minimulators (Minimulators (Minimulators (A1)) Water Table (A2) Water Table (A2) Water Table (A2) Water Table (A2) Water Deposits (B3) Water Crust (B4) Water Vegetated Conservations: Water Present? Water Present?	verial Imag oncave Su Yes I Yes I	W A A A A A A A A A	vater stanel- quatic Faun rue Aquatic lydrogen Su exidized Rhiz resence of laceent Iron F hin Muck Si Gauge or We other (Explaininches) N// inches) N// inches) 0"	a (B 3) Plants (B14) Ifide Odor (C1 zospheres on I Reduced Iron (Reduction in Ti urface (C7) Ill Data (D9) In in Remarks)) F Living Roots (C4) Illed Soils (C	☐ Surfi ☐ Dry- ☐ Crai ☐ Crai ☐ (C3) ☐ Sati ☐ Stati	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9 inted or Stressed Plants (D1) imorphic Position (D2) :-Neutral Test (D5)
YDRO etland imary li Surface High V Saturar Water Sedim Drift D Algal Iron D Inund Spars Spars Sedim Ob urface V / ater Ta aturation cludes	Hydrology Indicators (Minimuse Water (A1) Water Table (A2) ation (A3) Marks (B1) nent Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5) ation Visible on A sely Vegetated Conservations: Water Present? able Present? an Present? a Recorded Data	yes (Yes (Yes (gery (B7) Grace (B8) CP Depth (in No Depth (in	vater stanel- quatic Faun rue Aquatic lydrogen Su exidized Rhiz resence of lecent Iron F hin Muck Si Gauge or We other (Explai inches) N// inches) 0" vell, aerial ph	a (B 3) Plants (B14) Iffide Odor (C1 zospheres on I Reduced Iron (Reduction in Ti urface (C7) ell Data (D9) in in Remarks)	Living Roots (C4) (Illed Soils (C	☐ Surfi ☐ Drai ☐ Dry. ☐ Cra: ☐ Cra: ☐ Sati ☐ Sati ☐ Shati ☐ Sign ☐ Shati ☐ Sh	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) imorphic Position (D2) :-Neutral Test (D5) ogy Present? Yes⊠ No □
YDRO etland imary li Surface High V Saturar Water Sedim Drift D Algal Iron D Inund Spars Spars Sedim Ob urface V / ater Ta aturation cludes	Hydrology Indicators (Minimuse Water (A1) Water Table (A2) ation (A3) Marks (B1) nent Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5) ation Visible on A sely Vegetated Conservations: Water Present? able Present? an Present? a Recorded Data	yes (Yes (Yes (gery (B7) Grace (B8) CP Depth (in No Depth (in	vater stanel- quatic Faun rue Aquatic lydrogen Su exidized Rhiz resence of lecent Iron F hin Muck Si Gauge or We other (Explai inches) N// inches) 0" vell, aerial ph	a (B 3) Plants (B14) Iffide Odor (C1 zospheres on I Reduced Iron (Reduction in Ti urface (C7) ell Data (D9) in in Remarks)	Living Roots (C4) (Illed Soils (C	☐ Surfi ☐ Drai ☐ Dry. ☐ Cra: ☐ Cra: ☐ Sati ☐ Sati ☐ Shati ☐ Sign ☐ Shati ☐ Sh	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) imorphic Position (D2) :-Neutral Test (D5) ogy Present? Yes⊠ No □
YDRO etland imary li] Surface] High V] Satura] Water] Sedim] Drift D] Algal] Iron D] Inund] Spars ield Ob water Talaturation cludes Describe	Hydrology Indicators (Minimuse Water (A1) Water Table (A2) ation (A3) Marks (B1) nent Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5) ation Visible on A sely Vegetated Conservations: Water Present? able Present? an Present? a Recorded Data	yes (Yes (Yes (gery (B7) Grace (B8) CP Depth (in No Depth (in	vater stanel- quatic Faun rue Aquatic lydrogen Su exidized Rhiz resence of lecent Iron F hin Muck Si Gauge or We other (Explai inches) N// inches) 0" vell, aerial ph	a (B 3) Plants (B14) Iffide Odor (C1 zospheres on I Reduced Iron (Reduction in Ti urface (C7) ell Data (D9) in in Remarks)	Living Roots (C4) (Illed Soils (C	☐ Surfi ☐ Drai ☐ Dry. ☐ Cra: ☐ Cra: ☐ Sati ☐ Sati ☐ Shati ☐ Sign ☐ Shati ☐ Sh	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9 inted or Stressed Plants (D1) imorphic Position (D2) :-Neutral Test (D5)

(million to the control of the contr				State: IL Sampling Point: B
Investigator(s) R. Van Herik & S. Milano	Se	ction, Township	, Range:	S35 T37N R7F
Landform (hillslope, terrace, etc.): Agricultural Field				concave, convex, none): Convex
Slope (%): Lat:41.64258		Long: -88	3.406551	Datum: Farmed IV II
Goil Map Unit Name: Mayville silt loam, 0 to 2 percentage of the state	ent slopes (1	193A)		NDA/I - I
Are climatic / hydrologic conditions on the site typical for t	this time of y	ear? Yes ⊠	No □ (If no	explain in remarks)
Are vegetation Soil Hydrology		/ disturbed?		
re vegetation	naturally pr	oblematic?	(If nee	ormal circumstances present? Yes ☐ No ☒ eded, explain any answers in Remarks.)
JMMARY OF FINDINGS – Attach site map s ydrophytic Vegetation Present? Yes ☐ No ☒	showing s	sampling po	oint locati	ons, transects, important features, etc.
ydric Soils Present ? Yes \(\) No \(\) /etland Hydrology Present? Yes \(\) No \(\) emarks: Tilled and tiled for agriculture.		Is the	Sampled Ar	ea Within a Wetland? Yes ☐ No
ee Stratum (Plot size; 30')	Absolute % Cover	Dominant	Indicator	Dominance Test
	4777	Species?	Status	Dominance Test worksheet:
				Number of Dominant Species That are OBL,FACW, or FAC: _1(A) Total Number of Dominant
				Number of Dominant Species That are OBL,FACW, or FAC: _1(A) Total Number of Dominant Species Across All Strata: _3(B)
pling/Shrub Stratum (Plot size: <u>15'</u>)	0	_ = Total Cove	ı	Number of Dominant Species That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 3 (B) Percent of Dominant Species That are OBL,FACW, or FAC 33% (A/B)
pling/Shrub Stratum (Plot size: 15')	0	_ = Total Cove	ır	Number of Dominant Species That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 3 (B) Percent of Dominant Species That are OBL,FACW, or FAC 33% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by:
pling/Shrub Stratum (Plot size: 15')	0	_ = Total Cove	ır	Number of Dominant Species That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 3 (B) Percent of Dominant Species That are OBL,FACW, or FAC 33% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species: x 1 = FACW species: x 2 = FACW species: x 2 =
pling/Shrub Stratum (Plot size: 15')	0	_ = Total Cove	ır	Number of Dominant Species That are OBL,FACW, or FAC: _1 (A) Total Number of Dominant Species Across All Strata: _3 (B) Percent of Dominant Species That are OBL,FACW, or FAC _33% (A/B) Prevalence Index worksheet:
pling/Shrub Stratum (Plot size: 15')	0	_ = Total Cove	ır	Number of Dominant Species That are OBL,FACW, or FAC: _1 (A) Total Number of Dominant Species Across All Strata: _3 (B) Percent of Dominant Species That are OBL,FACW, or FAC _33% (A/B) Prevalence Index worksheet:
pling/Shrub Stratum (Plot size: 15') b Stratum (Plot size: 5') Capsella bursa-pastoris Erigeron annuus	0 0 30	= Total Cove =Total Cover	FACU	Number of Dominant Species That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 3 (B) Percent of Dominant Species That are OBL,FACW, or FAC 33% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species: x 1 = FACW species: x 2 = FAC species: x 3 = FACU species: x 4 = UPL species: x 5 = Column Totals (A)
pling/Shrub Stratum (Plot size: 15') b Stratum (Plot size: 5') Capsella bursa-pastoris Erigeron annuus Persicaria pensylvanica	0	= Total Cove	FACU FACU	Number of Dominant Species That are OBL,FACW, or FAC: _1 (A) Total Number of Dominant Species Across All Strata: _3 (B) Percent of Dominant Species That are OBL,FACW, or FAC _33% (A/B) Prevalence Index worksheet:
pling/Shrub Stratum (Plot size: 15') b Stratum (Plot size: 5') Capsella bursa-pastoris Erigeron annuus	0 0 30 20	= Total Cove =Total Cover Y Y	FACU	Number of Dominant Species That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 3 (B) Percent of Dominant Species That are OBL,FACW, or FAC 33% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species: x 1 = FACW species: x 2 = FAC species: x 3 = FACU species: x 4 = UPL species: x 5 = Column Totals (A) Prevalence Index =B/A =
pling/Shrub Stratum (Plot size: 15') b Stratum (Plot size: 5') Capsella bursa-pastoris Erigeron annuus Persicaria pensylvanica	0 0 30 20 15	= Total Cover Y Y Y	FACU FACU FACW	Number of Dominant Species That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 3 (B) Percent of Dominant Species That are OBL,FACW, or FAC 33% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species: x 1 = FACW species: x 2 = FAC species: x 3 = FACU species: x 4 = UPL species: x 5 = Column Totals (A) Prevalence Index =B/A = Hydrophytic Vegetation Indicators:
pling/Shrub Stratum (Plot size: 15') b Stratum (Plot size: 5') Capsella bursa-pastoris Erigeron annuus Persicaria pensylvanica Schedonorus pratensis	0 30 20 15 10	= Total Cover Y Y Y	FACU FACU FACW	Number of Dominant Species That are OBL,FACW, or FAC: _1 (A) Total Number of Dominant Species Across All Strata: _3 (B) Percent of Dominant Species That are OBL,FACW, or FAC _33% (A/B) Prevalence Index worksheet:
pling/Shrub Stratum (Plot size: 15') b Stratum (Plot size: 5') Capsella bursa-pastoris Erigeron annuus Persicaria pensylvanica	0 30 20 15 10	= Total Cover Y Y Y	FACU FACU FACW	Number of Dominant Species That are OBL,FACW, or FAC: _1 (A) Total Number of Dominant Species Across All Strata: _3 (B) Percent of Dominant Species That are OBL,FACW, or FAC _33% (A/B) Prevalence Index worksheet:
pling/Shrub Stratum (Plot size: 15') b Stratum (Plot size: 5') Capsella bursa-pastoris Erigeron annuus Persicaria pensylvanica Schedonorus pratensis	0 30 20 15 10	= Total Cover Y Y Y	FACU FACU FACW	Number of Dominant Species That are OBL,FACW, or FAC: _1 (A) Total Number of Dominant Species Across All Strata: _3 (B) Percent of Dominant Species That are OBL,FACW, or FAC _33% (A/B) Prevalence Index worksheet:

IL				noument the	indicator or	confirm the	e absence	of indicate	ors	- 1
file Des	scription: (Descri	ribe the d	epth needed to de	dox Features	indicator of		Table		Remarks	
epth	IVIALITA	%	Color (Moist)	%	Type ¹	Loc ²	L	<u> </u>		
ches)	Color (Moist)	100	COIOI (IIII)			-				
-14_	10YR 4/2	-	7,5YR 4/3	20	C	M	SICL			
4-20	10YR 4/2	80	10YR 4/6	20	C	M	<u>C</u>	2		
0-26	10YR 4/2	70		10	C	M	-			
			10YR 6/4	10						
				_	-					-
				-	_				- D Lining M - Ma	triv
			ion, RM = Reduce	d Motrix CS	= Covered or	Coated Sar	nd Grains	² Locaton	: PL =Pore Lining, M = Ma	uix
vne: C =	= Concentration,	D= Deplet	ion, RM = Reduce	u Iviatrix, oo	001010		Indicato	rs for Pro	blematic Hydric Soils ³	
dric So	oil Indicators		Cond.	y Gleyed Ma	trix (S4)			t Prairie Re	edox (A16)	
Histos	ol (A1)		☐ Sand	y Redox (S5)	1		☐ Dark	Surface (S	Marses (F12)	
Histic	Epipedon (A2)		Ctring	and Matrix (S	6)		☐ Iron-	Manganes	se Masses (F12)	
1 Black	Histic (A3)		L Sulph	y Mucky Min	eral (F1)		☐ Very	Shallow D	ark Surface (TF12)	
1 Hydro	gen Sulfide (A4)		- Loan	y Gleyed Ma	atrix (F2)		☐ Othe	er (Explain	in Remarks)	
1 Stratif	ied Layers (A5)		☐ Donle	ated Matrix (=3)					
] 2 cm	Muck (A10)		D Pade	v Dark Surfa	ice (F6)		31 0	ers of hydr	ophytic vegetation and we	etland
7 Denle	ted below Dark S	Surface (A	☐ Denl	eted Dark Su	ırface (F/)		Indica	oay must h	be present unless disturbed	d or
] Thick	Dark Surface (A	12)	□ Redo	x Depressio	ns (F8)		nyaro	matic.	o pressure	
] Sand	y Mucky Mineral	(51)					proble	mano.		
] 5 cm	Mucky Peat or P	eat (55)								
Restrict	ive Layer (if obs	erveuj					Hydric	Soil Pres	ent? Yes ☐ No 🛛	
Type							ya	Z 28 CD (_
Depth	1									
Remark										
HYDR	OLOGY									oguired
HYDR	OLOGY	licators:		LII that one	alv)		Sec	condary Inc	dicators (minimum of two r	equired
HYDR	OLOGY	icators:	and about	ck all that app	oly)	9)		7 Surface	Soil Cracks (Do)	equired
HYDR Wetlan	COLOGY d Hydrology Ind / Indicators (Minir	mum of on	e is required: chec	ek all that app Water Stain	oly) ed Leaves (B	9)		Surface S	Soil Cracks (B0) Patterns (B10)	equired
HYDR Wetlan	COLOGY d Hydrology Ind / Indicators (Minir	mum of on	e is required: chec	Aquatic Fall	ina (B 3)			Surface S Drainage	Soil Cracks (B0) Patterns (B10) Son Water Table (C2)	equired
HYDR Wetlan Priman Surf	d Hydrology Ind Indicators (Mining Indicators (A1) Water Table (A)	mum of on	e is required: chec	Aquatic Fau	ina (B 3) c Plants (B14 culfide Odor (C	()		Surface S Drainage Dry-Seas	Patterns (B10) son Water Table (C2)	
HYDR Wetlan Priman Surf	d Hydrology Ind / Indicators (Minirace Water (A1) h Water Table (A) uration (A3)	mum of on 2)	e is required: chec	Aquatic Fau True Aquati Hydrogen S	ina (B 3) c Plants (B14 Sulfide Odor (C nizospheres O	c) C1) on Living Roo		Surface S Drainage Dry-Seas Crayfish	Soil Cracks (56) Patterns (B10) Son Water Table (C2) Burrows (C8)	ry (C9)
HYDR Wetlan Priman Surl Higl Satt	d Hydrology Ind Indicators (Minirace Water (A1) h Water Table (A) uration (A3) ter Marks (B1) diment Deposits (mum of on 2)	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Ri	ina (B 3) c Plants (B14 Sulfide Odor (C nizospheres o	c) C1) on Living Roo on (C4)	0 0 0 0ts (C3) [Surface S Drainage Dry-Seas Crayfish Saturatio	Soil Cracks (bb) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Image or Stressed Plants (D1)	ry (C9)
HYDR Wetlan Priman Surf High Satt Wat	d Hydrology Ind / Indicators (Minir face Water (A1) h Water Table (A: uration (A3) ter Marks (B1) diment Deposits (<u>mum of on</u> 2) B2)	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o	ina (B 3) c Plants (B14 culfide Odor (Conizospheres of Reduced Iron Reduction in	c) C1) on Living Roo on (C4) on Tilled Soils	ots (C3) [Surface S Drainage Dry-Seas Crayfish Saturatio Stunted Geomor	Soil Cracks (bb) Patterns (B10) Son Water Table (C2) Burrows (C8) on Visible on Aerial Image or Stressed Plants (D1) phic Position (D2)	ry (C9)
HYDR Wetlan Primany Surf High Satt Waa Sec	d Hydrology Ind / Indicators (Minir face Water (A1) h Water Table (Ai uration (A3) ter Marks (B1) diment Deposits (B3) al Mat or Crust (B	<u>mum of on</u> 2) B2)	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron	ina (B 3) c Plants (B14 culfide Odor (Conizospheres of Reduced Iron Reduction in Surface (C7)	c) C1) on Living Roo on (C4) on Tilled Soils	ots (C3) [Surface S Drainage Dry-Seas Crayfish Saturatio Stunted Geomor	Soil Cracks (bb) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Image or Stressed Plants (D1)	ry (C9)
HYDR Wetlan Priman Surf High Sate Sate Sec	d Hydrology Indicators (Minifface Water (A1) In Water Table (A) uration (A3) ter Marks (B1) diment Deposits (ft Deposits (B3) al Mat or Crust (B5)	mum of on 2) B2) 34)	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iror Thin Muck	ina (B 3) c Plants (B14) culfide Odor (Conizospheres of Reduced Iron Reduction in Surface (C7) Vell Data (D9)	c) C1) on Living Roo on (C4) of Tilled Soils	ots (C3) [Surface S Drainage Dry-Seas Crayfish Saturatio Stunted Geomor	Soil Cracks (bb) Patterns (B10) Son Water Table (C2) Burrows (C8) on Visible on Aerial Image or Stressed Plants (D1) phic Position (D2)	ry (C9)
HYDR Wetlan Priman Surl Higl Sate Sec	d Hydrology Ind / Indicators (Minir face Water (A1) n Water Table (A) uration (A3) ter Marks (B1) diment Deposits (B3) al Mat or Crust (B5) n Deposits (B5)	mum of on 2) B2) 34)	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iror Thin Muck	ina (B 3) c Plants (B14) culfide Odor (Conizospheres of Reduced Iron Reduction in Surface (C7) Vell Data (D9)	c) C1) on Living Roo on (C4) of Tilled Soils	ots (C3) [Surface S Drainage Dry-Seas Crayfish Saturatio Stunted Geomor	Soil Cracks (bb) Patterns (B10) Son Water Table (C2) Burrows (C8) on Visible on Aerial Image or Stressed Plants (D1) phic Position (D2)	ry (C9)
HYDR Wetlan Priman Suri Suri Alg Iror In So	d Hydrology Ind Indicators (Minir face Water (A1) In Water Table (A: uration (A3) ter Marks (B1) diment Deposits (B3) al Mat or Crust (E3) In Deposits (B5) undation Visible or orasely Vegetated	mum of on 2) B2) 34)	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iror Thin Muck	ina (B 3) c Plants (B14 culfide Odor (Conizospheres of Reduced Iron Reduction in Surface (C7)	c) C1) on Living Roo on (C4) of Tilled Soils	ots (C3) [Surface S Drainage Dry-Seas Crayfish Saturatio Stunted Geomor	Soil Cracks (bb) Patterns (B10) Son Water Table (C2) Burrows (C8) on Visible on Aerial Image or Stressed Plants (D1) phic Position (D2)	ry (C9)
HYDR Wetlan Priman Suri Suri Sati Alg Carrier In High Carrie	d Hydrology Indicators (Minifface Water (A1) In Water Table (A) uration (A3) ter Marks (B1) diment Deposits (ft Deposits (B3) al Mat or Crust (B5)	B2) 34) A Aerial Im	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rl Presence o Recent Iror Thin Muck Gauge or V Other (Exp	ina (B 3) c Plants (B14 sulfide Odor (C nizospheres o if Reduced Iro n Reduction in Surface (C7) Vell Data (D9) lain in Remarl	c) C1) on Living Roo on (C4) of Tilled Soils	ots (C3) [Surface S Drainage Dry-Seas Crayfish Saturatio Stunted Geomor	Soil Cracks (bb) Patterns (B10) Son Water Table (C2) Burrows (C8) on Visible on Aerial Image or Stressed Plants (D1) phic Position (D2)	ry (C9)
HYDR Wetlan Priman Surl High Sate Sec Drift Alg Iror Inu Sp	d Hydrology Individual American (A1) Indicators (Minimal A1) Indicators (Minimal A1) Indicators (Minimal A1) Indicators (B1) Indicators (B3) Indicators (B3) Indicators (B5) Indicators (B2) 34) n Aerial Im	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iror Thin Muck Gauge or V Other (Exp	ina (B 3) c Plants (B14 sulfide Odor (C nizospheres o if Reduced Iro n Reduction in Surface (C7) Vell Data (D9) lain in Remark	c) C1) on Living Roo on (C4) of Tilled Soils	ots (C3) [(C6) [Surface S Drainage Dry-Seas Crayfish Saturatic Stunted Geomor	Soil Cracks (B0) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Image or Stressed Plants (D1) phic Position (D2) utral Test (D5)	ry (C9)
HYDR Wetlan Priman Surl High Satt Wat Sec Drift Alg Iror Inu Sp Field	d Hydrology Ind y Indicators (Minir face Water (A1) n Water Table (A) uration (A3) ter Marks (B1) diment Deposits (B3) al Mat or Crust (B3) al Mat or Crust (B5) indation Visible of arsely Vegetated Observations:	B2) 34) n Aerial Im Concave	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized S Presence o Recent Iror Thin Muck Gauge or V Other (Exp	una (B 3) c Plants (B14 c Plan	c) C1) on Living Roo on (C4) of Tilled Soils	ots (C3) [(C6) [Surface S Drainage Dry-Seas Crayfish Saturatic Stunted Geomor	Soil Cracks (B0) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Image or Stressed Plants (D1) phic Position (D2) utral Test (D5)	ry (C9)
HYDR Wetlan Priman Surl Higl Sate Sec Drif Alg Iron Inu Sp Field Surfac	d Hydrology Ind Indicators (Minir face Water (A1) In Water Table (A) In Water Table (A) In Water Table (A) Iter Marks (B1) Idiment Deposits (B3) In Deposits (B3) In Deposits (B5) Indation Visible of In Deposits (B7)	B2) 34) n Aerial Im Concave	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iror Thin Muck Gauge or V Other (Exp	una (B 3) c Plants (B14 c Plan	c) C1) on Living Roo on (C4) of Tilled Soils	ots (C3) [(C6) [Surface S Drainage Dry-Seas Crayfish Saturatic Stunted Geomor	Soil Cracks (bb) Patterns (B10) Son Water Table (C2) Burrows (C8) on Visible on Aerial Image or Stressed Plants (D1) phic Position (D2)	ry (C9)
HYDR Wetlan Priman Surd Surd Satur Alg Iron Inu Sp Field Surfac	d Hydrology Ind y Indicators (Minit face Water (A1) h Water Table (A: uration (A3) ter Marks (B1) diment Deposits (B3) al Mat or Crust (B3) al Mat or Crust (B5) indation Visible of arsely Vegetated Observations:	B2) 34) n Aerial Im Concave	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or V Other (Exp	ina (B 3) c Plants (B14 c Plan	c) C1) on Living Roo on (C4) Tilled Soils) ks)	ots (C3) [(C6) [Surface S Drainage Dry-Seas Crayfish Saturatic Stunted Geomor FAC-Neu	Soil Cracks (B0) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Image or Stressed Plants (D1) phic Position (D2) utral Test (D5)	ry (C9)
HYDR Wetlan Priman Surd Surd Satur Alg Iron Inu Sp Field Surfac	d Hydrology Ind y Indicators (Minit face Water (A1) h Water Table (A: uration (A3) ter Marks (B1) diment Deposits (B3) al Mat or Crust (B3) al Mat or Crust (B5) indation Visible of arsely Vegetated Observations:	B2) 34) n Aerial Im Concave	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or V Other (Exp	ina (B 3) c Plants (B14 c Plan	c) C1) on Living Roo on (C4) Tilled Soils) ks)	ots (C3) [(C6) [Surface S Drainage Dry-Seas Crayfish Saturatic Stunted Geomor FAC-Neu	Soil Cracks (B0) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Image or Stressed Plants (D1) phic Position (D2) utral Test (D5)	ry (C9)
HYDR Wetlan Priman Surd Surd Satur Alg Iron Inu Sp Field Surfac	d Hydrology Ind y Indicators (Minit face Water (A1) h Water Table (A: uration (A3) ter Marks (B1) diment Deposits (B3) al Mat or Crust (B3) al Mat or Crust (B5) indation Visible of arsely Vegetated Observations:	B2) 34) n Aerial Im Concave	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or V Other (Exp	ina (B 3) c Plants (B14 c Plan	c) C1) on Living Roo on (C4) Tilled Soils) ks)	ots (C3) [(C6) [Surface S Drainage Dry-Seas Crayfish Saturatic Stunted Geomor FAC-Neu	Soil Cracks (B0) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Image or Stressed Plants (D1) phic Position (D2) utral Test (D5)	ry (C9)
HYDR Wetlan Priman Surl High Satu Sec Drif Irou Inou Sp Field Surface Water Surface Surface Vater Surface Surfa	d Hydrology Ind y Indicators (Minit face Water (A1) h Water Table (A: uration (A3) ter Marks (B1) diment Deposits (B3) al Mat or Crust (B3) al Mat or Crust (B5) indation Visible of arsely Vegetated Observations:	B2) 34) n Aerial Im Concave	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or V Other (Exp	ina (B 3) c Plants (B14 c Plan	c) C1) on Living Roo on (C4) Tilled Soils) ks)	ots (C3) [(C6) [Surface S Drainage Dry-Seas Crayfish Saturatic Stunted Geomor FAC-Neu	Soil Cracks (B0) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Image or Stressed Plants (D1) phic Position (D2) utral Test (D5)	ry (C9)
HYDR Wetlan Priman Surd High Satt Sec Drif Alg Inu Sp Field Surfact Water Satur (inclu Desc	d Hydrology Individual Andrews (Mininfrace Water (A1) in Water Table (A) uration (A3) ter Marks (B1) diment Deposits (B3) all Mat or Crust (B5) indation Visible or arsely Vegetated Observations: Table Present? des capillary fring ribe Recorded Date	B2) 34) n Aerial Im Concave	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or V Other (Exp	ina (B 3) c Plants (B14 c Plan	c) C1) on Living Roo on (C4) Tilled Soils) ks)	ots (C3) [(C6) [Surface S Drainage Dry-Seas Crayfish Saturatic Stunted Geomor FAC-Neu	Soil Cracks (B0) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Image or Stressed Plants (D1) phic Position (D2) utral Test (D5)	ry (C9)
HYDR Wetlan Priman Sufface War Secolori Iron Inu Sp Field Surface Water Satur (inclu Desc	d Hydrology Ind y Indicators (Minit face Water (A1) h Water Table (A: uration (A3) ter Marks (B1) diment Deposits (B3) al Mat or Crust (B3) al Mat or Crust (B5) indation Visible of arsely Vegetated Observations:	B2) 34) n Aerial Im Concave	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or V Other (Exp	ina (B 3) c Plants (B14 c Plan	c) C1) on Living Roo on (C4) Tilled Soils) ks)	ots (C3) [(C6) [Surface S Drainage Dry-Seas Crayfish Saturatic Stunted Geomor FAC-Neu	Soil Cracks (B0) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Image or Stressed Plants (D1) phic Position (D2) utral Test (D5)	ry (C9)
HYDR Wetlan Priman Sufface War Secolori Iron Inu Sp Field Surface Water Satur (inclu Desc	d Hydrology Individual Andrews (Mininfrace Water (A1) in Water Table (A) uration (A3) ter Marks (B1) diment Deposits (B3) all Mat or Crust (B5) indation Visible or arsely Vegetated Observations: Table Present? des capillary fring ribe Recorded Date	B2) 34) n Aerial Im Concave	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or V Other (Exp	ina (B 3) c Plants (B14 c Plan	c) C1) on Living Roo on (C4) Tilled Soils) ks)	ots (C3) [(C6) [Surface S Drainage Dry-Seas Crayfish Saturatic Stunted Geomor FAC-Neu	Soil Cracks (B0) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Image or Stressed Plants (D1) phic Position (D2) utral Test (D5)	ry (C9)

oject/Site: 7821 IL Route 71	City/Cou	inty: Yorkvill	e / Keridali	Sampling Date: 5/29/19
oject/Site: 7821 iL Route 71 opplicant/Owner: Smrz, Ron			State:	IL Sampling Point: C
plicant/Owner: Smrz, Ron	9.079253	T Do	ngo: \$35 T3	7N R7E
vestigator(s) R. Van Herik & S. Milano	Section,	Township, ixa	inge	
andform (hillslope, terrace, etc.): Agricultural Fie	ld Depression	Loca	Relief (conca	ve, convex, none): Concave
lope (%):0% Lat:41.642			3551	
		1		NWI classification: None
oil Map Unit Name: Mayville silt loam, 0 to 2 per	rcent slopes (193A)	57.11	□ /// ne ovol	oin in remarks)
re climatic / hydrologic conditions on the site typical fo	r this time of year?	Yes 🛛 No	(II no expi	an in remains)
re vegetation 🛛 Soil 🖾 Hydrology 🖾	significantly dist	turbed?		circumstances present? Yes ☐ No ☒
	naturally proble	matic?	(If needed,	explain any answers in Remarks.)
re vederation 11 300 L 113			t locations	transects, important features, etc.
UMMARY OF FINDINGS – Attach site ma	p showing san	npling poli	it locations	, transcere, mp
Hydrophytic Vegetation Present? Yes ☐ No ☒		1-41-0	ampled Area V	Vithin a Wetland? Yes ☐ No ☒
Yes No		Is the Sa	ampieu Area v	Vitalia di Vitalia di Li
Netland Hydrology Present? Yes ☐ No ☒ Remarks: Tilled and tiled for agriculture.				
Remarks. Third die meets 15				
EGETATION - Use scientific names of plan	nts.			T Assemble to
LOZIMION	Absolute	Dominant	Indicator	Dominance Test worksheet:
	21.0	- Carl C	Status	
Tree Stratum (Plot size: 30')	% Cover 15	Species?	Status FAC	Number of Dominant Species
1. Acer rubrum	15	Species? Y	FAC	That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant
1. Acer rubrum 2.	15	Species? Y	FAC	Number of Dominant Species That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 2 (B)
1. Acer rubrum 2. 3. 4	15	Species? Y	FAC	That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species
1. Acer rubrum 2. 3. 4. 5.	15	Species? Y	FAC	That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That are OBL,FACW, or FAC 50% (A/B)
1. Acer rubrum 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size; 15')	15	Species? Y	FAC	That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That are OBL,FACW, or FAC 50% (A/B) Prevalence Index worksheet:
1. Acer rubrum 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size; 15') 1.	15	Species? Y	FAC	That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That are OBL,FACW, or FAC 50% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species: x 1 =
1. Acer rubrum 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size; 15') 1. 2. 3. 4. 4. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	15	Species? Y = Total Cove	FAC	That are OBL,FACW, or FAC: _1 _ (A) Total Number of Dominant Species Across All Strata: _2 _ (B) Percent of Dominant Species That are OBL,FACW, or FAC _50% _ (A/B) Prevalence Index worksheet:
1. Acer rubrum 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size; 15') 1. 2. 3. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	15	Species? Y = Total Cove	FAC	That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That are OBL,FACW, or FAC 50% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species: x1= FACW species: x2= FAC species: x3= FACU species: x4= FACU species: x4=
1. Acer rubrum 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size; 15') 1. 2.	15	Species? Y = Total Cove	FAC	That are OBL,FACW, or FAC: _1 _ (A) Total Number of Dominant Species Across All Strata: _2 _ (B) Percent of Dominant Species That are OBL,FACW, or FAC _50% _ (A/B) Prevalence Index worksheet:
1. Acer rubrum 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size; 15') 1. 2. 3. 4. 5. 5. 5.	15	= Total Cove	FAC	That are OBL,FACW, or FAC: _1 _ (A) Total Number of Dominant Species Across All Strata: _2 _ (B) Percent of Dominant Species That are OBL,FACW, or FAC _50% _ (A/B) Prevalence Index worksheet:
1. Acer rubrum 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size; 15') 1. 2. 3. 4. 5. Herb Stratum (Plot size: 5') 1. Cirsium arvense	15 15 0 30	Species? Y = Total Cove	FACU FACU FAC	That are OBL,FACW, or FAC: _1 _ (A) Total Number of Dominant Species Across All Strata: _2 _ (B) Percent of Dominant Species That are OBL,FACW, or FAC _50% _ (A/B) Prevalence Index worksheet:
1. Acer rubrum 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size; 15') 1. 2. 3. 4. 5. Stratum (Plot size; 15') 1. Cirsium arvense 2. Rumex crispus	15 15 0 30 5 5	= Total Cove = Total Cove Y N N	FACU FACU FACU FACU	That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That are OBL,FACW, or FAC 50% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species: x 1 =
1. Acer rubrum 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size; 15') 1. 2. 3. 4. 5. Stratum (Plot size: 5') 1. Cirsium arvense 2. Rumex crispus 3. Matricaria discoidea	15 15 0 30 5	= Total Cove	FACU FACU FAC	That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That are OBL,FACW, or FAC 50% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species: x1 = FACW species: x2 = FACW species: x3 = FACU species: x3 = FACU species: x4 = UPL species: x5 = Column Totals (A) Prevalence Index =B/A = Hydrophytic Vegetation Indicators:
1. Acer rubrum 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size; 15') 1. 2. 3. 4. 5. Stratum (Plot size: 5') 1. Cirsium arvense 2. Rumex crispus 3. Matricaria discoidea 4. Bromus inermis 5.	15 0 30 5 5 2	= Total Cove = Total Cove Y N N	FACU FACU FACU FACU	That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That are OBL,FACW, or FAC 50% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species: x1 = FACW species: x2 = FACW species: x3 = FACU species: x4 = UPL species: x5 = Column Totals (A) Prevalence Index =B/A = Hydrophytic Vegetation
1. Acer rubrum 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size; 15') 1. 2. 3. 4. 5. Stratum (Plot size: 5') 1. Cirsium arvense 2. Rumex crispus 3. Matricaria discoidea 4. Bromus inermis 5.	15 15 0 30 5 5 5	= Total Cove Total Cove Y N N N	FACU FACU FACU FACU	That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That are OBL,FACW, or FAC 50% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species: x1 =
1. Acer rubrum 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size; 15') 1. 2. 3. 4. 5. Stratum (Plot size: 5') 1. Cirsium arvense 2. Rumex crispus 3. Matricaria discoidea 4. Bromus inermis 5. 6. 7.	15 15 0 30 5 5 2	= Total Cove = Total Cove Y N N	FACU FACU FACU FACU	That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That are OBL,FACW, or FAC 50% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species: x 1 =
1. Acer rubrum 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size; 15') 1. 2. 3. 4. 5. Stratum (Plot size: 5') 1. Cirsium arvense 2. Rumex crispus 3. Matricaria discoidea 4. Bromus inermis 5. 6. 7. 8. 9	15 15 0 30 5 5 2	= Total Cove = Total Cove Y N N	FACU FACU FACU FACU	That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That are OBL,FACW, or FAC 50% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species: x1 =
1. Acer rubrum 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size: 15') 1. 2. 3. 4. 5. Stratum (Plot size: 5') 1. Cirsium arvense 2. Rumex crispus 3. Matricaria discoidea 4. Bromus inermis 5. 6. 7. 8. 9. 10.	15 15 0 30 5 5 2	= Total Cove = Total Cove Y N N	FACU FACU FACU FACU	That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That are OBL,FACW, or FAC 50% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species: x1 = FACW species: x2 = FACW species: x3 = FACU species: x4 = UPL species: x5 = Column Totals (A) Prevalence Index =B/A = Hydrophytic Vegetation Dominance Test is >50% Prevalence Index is ≤ 3.0¹ Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) Indicators of hydrop soil and wetland hydrology metals are problematic Hydrophytic Vegetation (Explain)
1. Acer rubrum 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size; 15') 1. 2. 3. 4. 5. Stratum (Plot size: 5') 1. Cirsium arvense 2. Rumex crispus 3. Matricaria discoidea 4. Bromus inermis 5. 6. 7. 8. 9. 10. Woody Vine Stratum (Plot size: 30')	15 15 0 30 5 5 2	= Total Cove Y N N N	FACU FACU FACU FACU	That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That are OBL,FACW, or FAC 50% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species: x1 =
1. Acer rubrum 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size; 15') 1. 2. 3. 4. 5. Stratum (Plot size: 5') 1. Cirsium arvense 2. Rumex crispus 3. Matricaria discoidea 4. Bromus inermis 5. 6. 7. 8. 9. 10.	15 15 0 30 5 5 2	= Total Cove Y N N N	FACU FACU FACU FACU FACU	That are OBL,FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That are OBL,FACW, or FAC 50% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species: x1 =

IL					indicator of	r confirm the	e absence	of indicato	15		1
file Des	scription: (Desc	ribe the de	epth needed to d	dox Features	indicator of	Commission			Do	marks	-
epth	Matrix		Color (Moist)	%	Type ¹	Loc	Levini		IN.	Harks	
ches)	Color (Moist)	_%_		10	C	M	SiCL				
)-20	10YR 3/1	80	7.5YR 4/3		D	M					
			10YR 5/2	10 5	D	M	SiCL				
0-24	10YR 2/1	95	10YR 4/1	5	브	100	-				
0-24	101112	-		1		-	3-22-22				
_						-	9				
		-	-				-				
			-					21	DI -Pore	Lining, M = M	atrix
		1-2	ion, RM = Reduce	d Matrix. CS	= Covered or	r Coated San	d Grains	*Locatori	Jamatic H	lydric Soils ³	
ype: C =	 Concentration, 	D= Depleti	IOII, KIVI - NEGGOO	G Money			Indicato	st Prairie Re	doy (A16)	Juliu -	
vdric Sc	oil Indicators		□ Sand	y Gleyed Ma	trix (S4)		1 1 0 0 2 5	raine Ke	7)		
Histos	ol (A1)		□ Sand	y Redox (S5))		☐ Dark	Surface (S	Morros	(F12)	
1 Histic I	Epipedon (A2)		C String	ned Matrix (S	6)		☐ Iron-	Manganes Shallow Da	e Masses	(TF12)	
1 Black	Histic (A3)			y Mucky Mir	eral (F1)		☐ Very	Shallow D	Domarks	0)	
1 Hydro	gen Sulfide (A4)		Loan	ny Gleyed Ma	atrix (F2)		☐ Othe	er (Explain i	Remains	.)	
7 Stratifi	ied Layers (A5)		I Don	eted Matrix (F	F3)						
7 2 am 1	Muck (A10)	Sumi		ox Dark Surfa	ce (F6)				anhytic ver	getation and w	etland
7 Denle	ted below Dark S	surface (A)	(1) Depl	eted Dark Su	rface (F7)		3 Indica	tors of nyur	opriyic ve	unless disturbe	d or
7 Thick	Dark Surface (A)	12)	□ Dept	ox Depressio	ns (F8)		hydrol	ogy must b	e present	1111000 01010	
7 Sandy	Mucky Mineral	(S1)	□ Ven	OX Depressis	1.5 /2 < 2		proble	ematic.			
7 5 cm	Mucky Peat or P	eat (53)									
Restricti	ive Layer (if obs	erved)						A 60-211.71	10 Var	M No I	
Type:							Hydric	Soil Prese	nt? Tes	s⊠ No□	
Denth							1				
Remark	s:										
HYDR	s: OLOGY								instars (mi	nimum of two	equired
HYDR	oLOGY	icators:	in animal about	ok all that app	oly)		Sec	condary Ind	icators (mi	nimum of two	equired
HYDR Wetland	OLOGY d Hydrology Ind	icators:	e is required: chec	ok all that app	oly) ed Leaves (B	9)		7 Surface S	oil Cracks	(DO)	equired
HYDR Wetland	OLOGY d Hydrology Ind	icators:	e is required: chec	Aquatic Fau	na (B 3)			Surface S	Patterns ((B0) B10)	equired
HYDR Wetland Primary ⊠ Surf	OLOGY d Hydrology Ind / Indicators (Minimace Water (A1)	icators:	e is required: chec	Aquatic Fau	na (B 3) c Plants (B14	1)		Surface S Drainage Dry-Seas	Patterns ((B6) B10) Table (C2)	
HYDR Wetland Primary Surf High	coLOGY d Hydrology Ind r Indicators (Minir ace Water (A1) Water Table (A:	icators:	e is required: chec	Aquatic Fau True Aquati	na (B 3) c Plants (B14	I) C1)		Surface S Drainage Dry-Seas	Patterns ((B6) B10) Table (C2)	
HYDR Wetland Primary Surf High Satu	OLOGY d Hydrology Ind v Indicators (Minir ace Water (A1) 1 Water Table (A2) ver Marks (B1)	icators: num of one	e is required: chec	Aquatic Fau True Aquati Hydrogen S	ina (B 3) c Plants (B14 sulfide Odor (C nizospheres o	l) C1) on Living Roo		Surface S Drainage Dry-Seas Crayfish	Patterns (on Water S Burrows (Con Visible of	(B6) B10) Table (C2) (8) n Aerial Image	
HYDR Wetland Primary Surf High Satu Wat	OLOGY d Hydrology Ind v Indicators (Minir ace Water (A1) n Water Table (A: uration (A3) eir Marks (B1)	icators: num of one	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ina (B 3) c Plants (B14 culfide Odor (C nizospheres of f Raduced Iro	() C1) on Living Roo	[[[[Surface S Drainage Dry-Seas Crayfish Saturatio	Patterns (Patterns (on Water Burrows (C n Visible on Stressed	(B6) B10) Table (C2) C8) n Aerial Image d Plants (D1)	
HYDR Wetland Primary Surf High Satu Wat	OLOGY d Hydrology Ind Indicators (Minin ace Water (A1) Water Table (A) Uration (A3) Ler Marks (B1) Liment Deposits (Indicators) The Deposits (B3)	icators: num of one 2) B2)	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o	ina (B 3) c Plants (B14 culfide Odor (Ginizospheres of Reduced Iron Reduction in	l) C1) on Living Roo on (C4) n Tilled Soils	ots (C3) [Surface S Drainage Dry-Seas Crayfish Saturatio Stunted	Patterns (on Water Burrows (C n Visible of Stressed	(B6) B10) Fable (C2) C8) n Aerial Image d Plants (D1) on (D2)	
HYDR Wetland Primary Surf High Satu Sed	OLOGY d Hydrology Ind Indicators (Minin ace Water (A1) Water Table (A) Uration (A3) Iter Marks (B1) Itiment Deposits (B3) al Mat or Crust (B	icators: num of one 2) B2)	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron	ina (B 3) c Plants (B14 culfide Odor (Conizospheres of Reduced Iron Reduction in Surface (C7)	(i) C1) on Living Roo on (C4) on Tilled Soils	ots (C3) [Surface S Drainage Dry-Seas Crayfish Saturatio	Patterns (on Water Burrows (C n Visible of Stressed	(B6) B10) Fable (C2) C8) n Aerial Image d Plants (D1) on (D2)	
HYDR Wetland Primary Surf High Satu Uset Driff Alga Iron	OLOGY d Hydrology Ind r Indicators (Minir ace Water (A1) water Table (A) uration (A3) liment Deposits (I t Deposits (B3) al Mat or Crust (B1) n Deposits (B5)	icators: num of one 2) B2)	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron Thin Muck	na (B 3) c Plants (B14 culfide Odor (G nizospheres of f Reduced Iro Reduction in Surface (C7) Vell Data (D9	() C1) on Living Roo on (C4) on Tilled Soils	ots (C3) [Surface S Drainage Dry-Seas Crayfish Saturatio Stunted	Patterns (on Water Burrows (C n Visible of Stressed	(B6) B10) Fable (C2) C8) n Aerial Image d Plants (D1) on (D2)	
HYDR Wetland Primary Surf High Satu Uset Driff Alga Iron	OLOGY d Hydrology Ind r Indicators (Minir ace Water (A1) water Table (A) uration (A3) liment Deposits (I t Deposits (B3) al Mat or Crust (B1) n Deposits (B5)	icators: num of one 2) B2)	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron Thin Muck	na (B 3) c Plants (B14 culfide Odor (G nizospheres of f Reduced Iro Reduction in Surface (C7) Vell Data (D9	() C1) on Living Roo on (C4) on Tilled Soils	ots (C3) [Surface S Drainage Dry-Seas Crayfish Saturatio Stunted	Patterns (on Water Burrows (C n Visible of Stressed	(B6) B10) Fable (C2) C8) n Aerial Image d Plants (D1) on (D2)	
HYDR Wetland Primary Surf Surf Sed Driff Alga Iron	OLOGY d Hydrology Ind Indicators (Minir ace Water (A1) Water Table (A) Uration (A3) Iter Marks (B1) Itement Deposits (B3) Ind Mat or Crust (B1) Ind Deposits (B5) Indation Visible of Indation Visible On Indation Visible On Inda	icators: num of one 2) B2)	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron Thin Muck	ina (B 3) c Plants (B14 culfide Odor (Conizospheres of Reduced Iron Reduction in Surface (C7)	() C1) on Living Roo on (C4) on Tilled Soils	ots (C3) [Surface S Drainage Dry-Seas Crayfish Saturatio Stunted	Patterns (on Water Burrows (C n Visible of Stressed	(B6) B10) Fable (C2) C8) n Aerial Image d Plants (D1) on (D2)	
HYDR Wetland Primary Surf Surf Sed Driff Alga Iron	OLOGY d Hydrology Ind r Indicators (Minir ace Water (A1) water Table (A) uration (A3) liment Deposits (I t Deposits (B3) al Mat or Crust (B1) n Deposits (B5)	icators: num of one 2) B2) B4) n Aerial Im Concave S	e is required: ched	Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or V Other (Exp	na (B 3) c Plants (B14 sulfide Odor (C nizospheres of f Reduced Iro n Reduction in Surface (C7) Vell Data (D9) lain in Remar	() C1) on Living Roo on (C4) on Tilled Soils	ots (C3) [Surface S Drainage Dry-Seas Crayfish Saturatio Stunted	Patterns (on Water Burrows (C n Visible of Stressed	(B6) B10) Fable (C2) C8) n Aerial Image d Plants (D1) on (D2)	
HYDR Wetland Primary Surf High Satu Onifi Inon Inon Spa Field (OLOGY d Hydrology Ind v Indicators (Minir ace Water (A1) n Water Table (A: uration (A3) ter Marks (B1) timent Deposits (B3) al Mat or Crust (B1 n Deposits (B5) ndation Visible or arsely Vegetated Observations:	icators: num of one 2) B2) B4) Aerial Im Concave S	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron Thin Muck Gauge or V Other (Exp	na (B 3) c Plants (B14 sulfide Odor (C nizospheres of f Reduced Iro n Reduction in Surface (C7) Vell Data (D9) lain in Remar	() C1) on Living Roo on (C4) on Tilled Soils	Control Cont	Surface S Drainage Dry-Seas Crayfish Saturatio Stunted Geomory FAC-Neu	Patterns (On Water On Visible of Stressed On Stressed On The Stressed	(B6) B10) Table (C2) C8) n Aerial Image d Plants (D1) on (D2) D5)	
HYDR Wetland Primary Surf High Satu Onif Alga Iron Inu Spa Field C	OLOGY d Hydrology Ind r Indicators (Minir face Water (A1) n Water Table (A) aration (A3) for Marks (B1) liment Deposits (I) t Deposits (B3) al Mat or Crust (B1) n Deposits (B5) ndation Visible of arsely Vegetated Observations:	icators: num of one 2) B2) B4) Aerial Im Concave S	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron Thin Muck Gauge or V Other (Exp	ina (B 3) c Plants (B14 c Plants (B14 fulfide Odor (C nizospheres of f Reduced Iro n Reduction in Surface (C7) Vell Data (D9) lain in Remar	() C1) on Living Roo on (C4) on Tilled Soils	Control Cont	Surface S Drainage Dry-Seas Crayfish Saturatio Stunted Geomory FAC-Neu	Patterns (On Water On Visible of Stressed On Stressed On The Stressed	(B6) B10) Table (C2) C8) n Aerial Image d Plants (D1) on (D2) D5)	
HYDR Wetland Primary Surf High Satu One High Satu One I non I non Spa Field (Surfact Water	OLOGY d Hydrology Ind Indicators (Minin face Water (A1) Water Table (A) Indicators (B1) Indicators (B1) Indicators (B3) Indicator (B3) Indic	icators: num of one 2) B2) B4) Aerial Im Concave S	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron Thin Muck Gauge or V Other (Exp	ina (B 3) c Plants (B14 c Plants (B14 fulfide Odor (C nizospheres of f Reduced Iro n Reduction in Surface (C7) Vell Data (D9) lain in Remar	() C1) on Living Roo on (C4) on Tilled Soils	Control Cont	Surface S Drainage Dry-Seas Crayfish Saturatio Stunted Geomory FAC-Neu	Patterns (On Water On Visible of Stressed On Stressed On The Stressed	(B6) B10) Fable (C2) C8) n Aerial Image d Plants (D1) on (D2)	
HYDR Wetland Primary Surf Surf Sed Driff Alga Inu Spa Field (Surfac Water	OLOGY d Hydrology Ind Indicators (Minin ace Water (A1) Water Table (A) Unation (A3) Indicators (B1) Indicators (B1) Indicator (B3) Indicator (B3) Indicator (B3) Indicator (B3) Indicator (B3) Indicator (B3) Indicator (B4) Indicator	icators: num of one 2) B2) Aerial Im Concave S Ye Ye Ye	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron Thin Muck Gauge or V Other (Exp	na (B 3) c Plants (B14 sulfide Odor (C nizospheres of f Reduced Iro f Reduction in Surface (C7) Vell Data (D9 lain in Remar	(i) C1) on Living Roo on (C4) of Tilled Soils (characteristics)	ots (C3) [(C6) [(Wetland I	Surface S Drainage Dry-Seas Crayfish Saturatio Stunted G Geomory FAC-Neu	Patterns (On Water On Visible of Stressed On Stressed On The Stressed	(B6) B10) Table (C2) C8) n Aerial Image d Plants (D1) on (D2) D5)	
HYDR Wetland Primary Surf Surf Sed Driff Alga Inu Spa Field (Surfac Water	OLOGY d Hydrology Ind Indicators (Minin ace Water (A1) Water Table (A) Unation (A3) Indicators (B1) Indicators (B1) Indicator (B3) Indicator (B3) Indicator (B3) Indicator (B3) Indicator (B3) Indicator (B3) Indicator (B4) Indicator	icators: num of one 2) B2) Aerial Im Concave S Ye Ye Ye	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron Thin Muck Gauge or V Other (Exp	na (B 3) c Plants (B14 sulfide Odor (C nizospheres of f Reduced Iro f Reduction in Surface (C7) Vell Data (D9) lain in Remar	(i) C1) on Living Roo on (C4) of Tilled Soils (characteristics)	ots (C3) [(C6) [Wetland I	Surface S Drainage Dry-Seas Crayfish Saturatio Stunted G Geomory FAC-Neu	Patterns (On Water On Visible of Stressed On Stressed On The Stressed	(B6) B10) Table (C2) C8) n Aerial Image d Plants (D1) on (D2) D5)	
HYDR Wetland Primary Surf Surf Sed Driff Alga Inu Spa Field (Surfac Water	OLOGY d Hydrology Ind Indicators (Minin ace Water (A1) Water Table (A) Unation (A3) Indicators (B1) Indicators (B1) Indicator (B3) Indicator (B3) Indicator (B3) Indicator (B3) Indicator (B3) Indicator (B3) Indicator (B4) Indicator	icators: num of one 2) B2) Aerial Im Concave S Ye Ye Ye	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron Thin Muck Gauge or V Other (Exp	na (B 3) c Plants (B14 sulfide Odor (C nizospheres of f Reduced Iro f Reduction in Surface (C7) Vell Data (D9) lain in Remar	(i) C1) on Living Roo on (C4) of Tilled Soils (characteristics)	ots (C3) [(C6) [Wetland I	Surface S Drainage Dry-Seas Crayfish Saturatio Stunted G Geomory FAC-Neu	Patterns (On Water No Visible of Stressed On Stressed On The Stressed	(B6) B10) Table (C2) C8) n Aerial Image d Plants (D1) on (D2) D5)	
HYDR Wetland Primary Surf High Satu Sed Driff Alga Innu Spa Field (Surfact Water	OLOGY d Hydrology Ind Indicators (Minin ace Water (A1) Water Table (A) Unation (A3) Indicators (B1) Indicators (B1) Indicator (B3) Indicator (B3) Indicator (B3) Indicator (B3) Indicator (B3) Indicator (B3) Indicator (B4) Indicator	icators: num of one 2) B2) Aerial Im Concave S Ye Ye Ye	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron Thin Muck Gauge or V Other (Exp	na (B 3) c Plants (B14 sulfide Odor (C nizospheres of f Reduced Iro f Reduction in Surface (C7) Vell Data (D9) lain in Remar	(i) C1) on Living Roo on (C4) of Tilled Soils (characteristics)	ots (C3) [(C6) [Wetland I	Surface S Drainage Dry-Seas Crayfish Saturatio Stunted G Geomory FAC-Neu	Patterns (On Water No Visible of Stressed On Stressed On The Stressed	(B6) B10) Table (C2) C8) n Aerial Image d Plants (D1) on (D2) D5)	
HYDR Wetland Primary Surf Surf Sed Driff Alga Iron Inun Spa Field 0 Surfac Water Satura (include Descri	OLOGY d Hydrology Ind Indicators (Minimace Water (A1) Water Table (A) Itiment Deposits (B1) Itiment Deposits (B3) Itiment Deposits (B5) Indicator (R3) Itiment Deposits (B5) Indicator (R5) Indic	icators: num of one 2) B2) Aerial Im Concave S Ye Ye Ye ye le)	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron Thin Muck Gauge or V Other (Exp h (inches) _0 th (inches) _0 g well, aerial	na (B 3) c Plants (B14 sulfide Odor (G nizospheres of Reduced Iro Reduction in Surface (C7) Vell Data (D9) lain in Remar	(i) C1) on Living Roo on (C4) on Tilled Soils (i) rks)	ots (C3) [(C6) [Wetland I	Surface S Drainage Dry-Seas Crayfish Saturatio Stunted G Geomory FAC-Neu	Patterns (on Water Burrows (on Visible o or Stressed shic Positic tral Test (Yes No 🗵	
HYDR Wetland Primary Surf High Sed Driff Alga Iron Inun Spa Field 0 Surfac Water Satura (include Descri	OLOGY d Hydrology Ind Indicators (Minimace Water (A1) Water Table (A) Itiment Deposits (B1) Itiment Deposits (B3) Itiment Deposits (B5) Indicator (R3) Itiment Deposits (B5) Indicator (R5) Indic	icators: num of one 2) B2) Aerial Im Concave S Ye Ye Ye ye le)	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron Thin Muck Gauge or V Other (Exp h (inches) _0 th (inches) _0 g well, aerial	na (B 3) c Plants (B14 sulfide Odor (G nizospheres of Reduced Iro Reduction in Surface (C7) Vell Data (D9) lain in Remar	(i) C1) on Living Roo on (C4) on Tilled Soils (i) rks)	ots (C3) [(C6) [Wetland I	Surface S Drainage Dry-Seas Crayfish Saturatio Stunted G Geomory FAC-Neu	Patterns (on Water Burrows (on Visible o or Stressed shic Positic tral Test (Yes No 🗵	
HYDR Wetland Primary Surf High Sed Driff Alga Iron Inun Spa Field 0 Surfac Water Satura (include Descri	OLOGY d Hydrology Ind Indicators (Minimace Water (A1) Water Table (A) Itiment Deposits (B1) Itiment Deposits (B3) Itiment Deposits (B5) Indicator (R3) Itiment Deposits (B5) Indicator (R5) Indic	icators: num of one 2) B2) Aerial Im Concave S Ye Ye Ye ye le)	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron Thin Muck Gauge or V Other (Exp h (inches) _0 th (inches) _0 g well, aerial	na (B 3) c Plants (B14 sulfide Odor (G nizospheres of Reduced Iro Reduction in Surface (C7) Vell Data (D9) lain in Remar	(i) C1) on Living Roo on (C4) on Tilled Soils (i) rks)	ots (C3) [(C6) [Wetland I	Surface S Drainage Dry-Seas Crayfish Saturatio Stunted G Geomory FAC-Neu	Patterns (on Water Burrows (on Visible o or Stressed shic Positic tral Test (Yes No 🗵	
HYDR Wetland Primary Surf High Sed Driff Alga Iron Inun Spa Field 0 Surfac Water Satura (include Descri	OLOGY d Hydrology Ind Indicators (Minimace Water (A1) Water Table (A) Itiment Deposits (B1) Itiment Deposits (B3) Itiment Deposits (B5) Indicator (R3) Itiment Deposits (B5) Indicator (R5) Indic	icators: num of one 2) B2) Aerial Im Concave S Ye Ye Ye ye le)	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron Thin Muck Gauge or V Other (Exp h (inches) _0 th (inches) _0 g well, aerial	na (B 3) c Plants (B14 sulfide Odor (G nizospheres of Reduced Iro Reduction in Surface (C7) Vell Data (D9) lain in Remar	(i) C1) on Living Roo on (C4) on Tilled Soils (i) rks)	ots (C3) [(C6) [Wetland I	Surface S Drainage Dry-Seas Crayfish Saturatio Stunted G Geomory FAC-Neu	Patterns (on Water Burrows (on Visible o or Stressed shic Positic tral Test (Yes No 🗵	
HYDR Wetland Primary Surf High Sed Driff Alga Iron Inun Spa Field 0 Surfac Water Satura (include Descri	OLOGY d Hydrology Ind Indicators (Minimace Water (A1) Water Table (A) Itiment Deposits (B1) Itiment Deposits (B3) Itiment Deposits (B5) Indicator (R3) Itiment Deposits (B5) Indicator (R5) Indic	icators: num of one 2) B2) Aerial Im Concave S Ye Ye Ye ye le)	e is required: chec	Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron Thin Muck Gauge or V Other (Exp h (inches) _0 th (inches) _0 g well, aerial	na (B 3) c Plants (B14 sulfide Odor (G nizospheres of Reduced Iro Reduction in Surface (C7) Vell Data (D9) lain in Remar	(i) C1) on Living Roo on (C4) on Tilled Soils (i) rks)	ots (C3) [(C6) [Wetland I	Surface S Drainage Dry-Seas Crayfish Saturatio Stunted G Geomory FAC-Neu	Patterns (on Water Burrows (on Visible o or Stressed shic Positic tral Test (Yes No 🗵	

roject/Site: 7821 IL Route 71	City/Co	ounty: Yorkvii	10 / 10/10	iaii	
noticent/Owner: Smrz Ron				State: IL	Sampling Point: D
vestigator(s) R Van Herik & S. Milano	Section	n, Township, Ra	inge: _S	335 T37N R7E	
andform (hillslope, terrace, etc.): Depression		Loca	Relief (concave, convex	(, none): Concave
Slope (%): Lat:41.64258	2 L	ong: -88.406	6551	Datum	: Investigated Area 2
10 10 10 10 10 10 10 10 10 10 10 10 10 1	ent slones (193	Α)			NWI classification: None
oil Map Unit Name: Mayville silt loam, 0 to 2 perce	ti-ti	2 Vec 🕅 No	□ (If n	o explain in rema	arks)
re climatic / hydrologic conditions on the site typical for t			Aro n	ormal circumsta	nces present? Yes ⊠ No □
re vegetation Soil Hydrology	significantly d				y answers in Remarks.)
re vegetation Soil Hydrology	naturally prob				
UMMARY OF FINDINGS – Attach site map	showing sa	mpling poir	nt locat	tions, transe	cts, important features, etc.
Hydric Soils Present? Yes ☐ No ☒		Is the Sa	ampled A	Area Within a W	etland? Yes ☐ No ☒
Wetland Hydrology Present? Yes ☒ No ☐ Remarks:					
Remarks.					
EGETATION - Use scientific names of plant	s.				
EGETATION - Use scientific flames of plant					- Laborato
	Absolute	Dominant Species?	Indica	ıs	ance Test worksheet:
Tree Stratum (Plot size: 30')	Absolute <u>% Cover</u>	Species?	Statu	us Numbe	r of Dominant Species
Tree Stratum (Plot size: 30') 1. 2.	Absolute <u>% Cover</u>	Species?	Statu	Numbe That ar	r of Dominant Species e OBL,FACW, or FAC: _2 (A) umber of Dominant
Tree Stratum (Plot size: <u>30'</u>) 1. 2. 3.	Absolute % Cover	Species?	Statu	Numbe That ar Total N Specie	r of Dominant Species e OBL,FACW, or FAC: 2 (A) umber of Dominant s Across All Strata: 2 (B)
Tree Stratum (Plot size: 30') 1. 2. 3. 4. 5.	Absolute % Cover	Species?	Statu	Numbe That ar Total N Specie Percen That ar	r of Dominant Species e OBL,FACW, or FAC: _2_ (A) umber of Dominant s Across All Strata: _2_ (B) it of Dominant Species re OBL,FACW, or FAC100% (A/B)
Tree Stratum (Plot size: 30') 1. 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size: 15')	Absolute % Cover	Species? = Total Cove	Statu	Numbe That ar Total N Specie Percen That al	r of Dominant Species e OBL,FACW, or FAC: 2 (A) umber of Dominant s Across All Strata: 2 (B) It of Dominant Species e OBL,FACW, or FAC 100% (A/B) ence Index worksheet:
Tree Stratum (Plot size: 30') 1. 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size: 15') 1.	Absolute % Cover	Species? = Total Cove	Statu	Numbe That ar Total N Specie Percen That an Preval Tota OBL si	r of Dominant Species e OBL,FACW, or FAC: _2_ (A) umber of Dominant s Across All Strata: _2_ (B) it of Dominant Species e OBL,FACW, or FAC100% (A/B) ence Index worksheet: il % Cover of: Multiply by: pecies: x 1 =
Tree Stratum (Plot size: 30') 1. 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size: 15') 1. 2. 3. 4. 4. 5.	Absolute % Cover	Species? = Total Cove	<u>Statu</u>	Number That ar Total N Specie Percent That ar Preval Total OBL species FACW FAC species of the second seco	r of Dominant Species e OBL,FACW, or FAC: _2 (A) umber of Dominant s Across All Strata: _2 (B) It of Dominant Species re OBL,FACW, or FAC _100% (A/B) ence Index worksheet: Il % Cover of: Multiply by: Decies: x 1 = Species: x 2 = Decies: x 3 =
Tree Stratum (Plot size: 30') 1. 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size: 15') 1. 2.	Absolute % Cover	Species? = Total Cove	Statu	Number That ar Total N Specie Percen That ar Preval Total OBL since FACW FAC since FACU UPL s	r of Dominant Species e OBL,FACW, or FAC: _2_ (A) umber of Dominant s Across All Strata: _2_ (B) It of Dominant Species ee OBL,FACW, or FAC100% (A/B) ence Index worksheet:
Tree Stratum (Plot size: 30') 1. 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size: 15') 1. 2. 3. 4. 5. 5.	Absolute % Cover	Species? = Total Cove	<u>Statu</u>	Number That ar Total N Specie: Percent That an Preval Total OBL stranger FACW FAC stranger FACU UPL stranger Total Columnia Colu	r of Dominant Species e OBL,FACW, or FAC: _2_ (A) umber of Dominant s Across All Strata: _2_ (B) It of Dominant Species e OBL,FACW, or FAC
Tree Stratum (Plot size: 30') 1. 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size: 15') 1. 2. 3. 4. 5. Herb Stratum (Plot size: 5') 1. Typha angustifolia	Absolute % Cover	Species? = Total Cove	Statu-	Number That ar Total N Specie Percent That ar Preval Total OBL SI FACW FAC SI FACU UPL SI Column	r of Dominant Species e OBL,FACW, or FAC: _2_ (A) umber of Dominant s Across All Strata: _2_ (B) It of Dominant Species ee OBL,FACW, or FAC100% (A/B) ence Index worksheet:
Tree Stratum (Plot size: 30') 1. 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size: 15') 1. 2. 3. 4. 5. Stratum (Plot size: 5') 1. Typha angustifolia 2. Rumex crispus 3. Schedonorus pratensis	0 0 20 15 10	= Total Cove = Total Cove Y Y N	Statu er OE FA	Number That ar Total N Specie Percent That ar Total R Specie R Speci	r of Dominant Species e OBL,FACW, or FAC: _2_ (A) umber of Dominant s Across All Strata: _2_ (B) It of Dominant Species e OBL,FACW, or FAC
Tree Stratum (Plot size: 30') 1. 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size: 15') 1. 2. 3. 4. 5. Herb Stratum (Plot size: 5') 1. Typha angustifolia 2. Rumex crispus 3. Schedonorus pratensis 4. Cirsium arvense	0 20 15	= Total Cove = Total Cove	Statu er OE FA	Number That ar Total N Specie Percen That an Preval Total OBL sy FACW FAC sy FACU UPL sy Column BL CU Hydro	r of Dominant Species e OBL,FACW, or FAC: _2_ (A) umber of Dominant s Across All Strata: _2_ (B) It of Dominant Species re OBL,FACW, or FAC _100% (A/B) ence Index worksheet: If % Cover of:
Tree Stratum (Plot size: 30') 1. 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size: 15') 1. 2. 3. 4. 5. Herb Stratum (Plot size: 5') 1. Typha angustifolia 2. Rumex crispus 3. Schedonorus pratensis 4. Cirsium arvense 5.	0 20 15 10	= Total Cove = Total Cove Y Y N	Statu er OE FA	Number That ar Total N Specie Percenthat ar Preval Total OBL SI FACW FAC SI FACU UPL SI Column BL CC CU Hydro Ra Do	r of Dominant Species e OBL,FACW, or FAC: _2_ (A) umber of Dominant s Across All Strata: _2_ (B) It of Dominant Species e OBL,FACW, or FAC
Tree Stratum (Plot size: 30') 1. 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size: 15') 1. 2. 3. 4. 5. Herb Stratum (Plot size: 5') 1. Typha angustifolia 2. Rumex crispus 3. Schedonorus pratensis 4. Cirsium arvense 5. 6. 7. 8	0 20 15 10	=Total Cove =Total Cove Y N N	Statu er OE FA	Number That ar Total N Specie Percenthat ar Preval Total OBL SI FACW FAC SI FACU UPL SI Column BL CC CU Hydro Ra Do	r of Dominant Species e OBL,FACW, or FAC: _2_ (A) umber of Dominant s Across All Strata: _2_ (B) It of Dominant Species the OBL,FACW, or FAC
Tree Stratum (Plot size: 30') 1. 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size: 15') 1. 2. 3. 4. 5. Stratum (Plot size: 5') 1. Typha angustifolia 2. Rumex crispus 3. Schedonorus pratensis 4. Cirsium arvense 5. 6. 7. 8. 9.	0 0 20 15 10 10	=Total Cove Total Cove Y N N	Statu er OE FA	Number That ar Total N Specie: Percent That ar Total N Specie: Proval Total N Specie: Read Specie: Proval Total N Specie: Read Specie: Proval Total N Specie: Read Specie: Proval Total N Specie: Proval Total N Specie: Read Specie: Proval Total N Specie: Read Specie: Proval Total N Specie: Proval Total	r of Dominant Species e OBL,FACW, or FAC: 2 (A) umber of Dominant s Across All Strata: 2 (B) It of Dominant Species e OBL,FACW, or FAC 100% (A/B) ence Index worksheet: If % Cover of: Multiply by: Decies: x 1 = Species: x 2 = Decies: x 4 = Species: x 4 = Species: x 5 = In Totals (A) Prevalence Index = B/A = Ophytic Vegetation Indicators: In Totals Test for Hydrophytic Vegetation Species Index is ≥ 3.01 In Tophological Adaptations (Provide supportion data in Remarks or on a separate sheet) Species Hydrophytic Vegetation (Explain)
Tree Stratum (Plot size: 30') 1. 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size: 15') 1. 2. 3. 4. 5. Herb Stratum (Plot size: 5') 1. Typha angustifolia 2. Rumex crispus 3. Schedonorus pratensis 4. Cirsium arvense 5. 6. 7. 8. 9. 10.	0 20 15 10	=Total Cove =Total Cove Y N N	Statu er OE FA	Number That ar Total N Specie Percen That an Preval Total N Specie Percen That an Preval Total N Specie Percen That an Preval Total N Specie Proval Total N Specie Proval Total N Specie Proval Total N Species Rability Total N Species Proval Total N Species Prova	r of Dominant Species e OBL,FACW, or FAC: _2_ (A) umber of Dominant s Across All Strata: _2_ (B) It of Dominant Species re OBL,FACW, or FAC
Tree Stratum (Plot size: 30') 1. 2. 3. 4. 5. Sapling/Shrub Stratum (Plot size: 15') 1. 2. 3. 4. 5. Stratum (Plot size: 5') 1. Typha angustifolia 2. Rumex crispus 3. Schedonorus pratensis 4. Cirsium arvense 5. 6. 7. 8. 9.	0 0 20 15 10 10	=Total Cove Total Cove Y N N	Statu er OE FA	Number That ar Total N Specie: Percent That ar Total N Specie: Preval Total N Specie: Preval Total N Specie: Pract Specie: BL CU Hydro CU Hydro Ra Do Do Dr Indiction on The Indiction on Th	r of Dominant Species e OBL,FACW, or FAC: 2 (A) umber of Dominant s Across All Strata: 2 (B) It of Dominant Species e OBL,FACW, or FAC 100% (A/B) ence Index worksheet: If % Cover of: Multiply by: Decies: x 1 = Species: x 2 = Decies: x 4 = Species: x 4 = Species: x 5 = In Totals (A) Prevalence Index = B/A = Ophytic Vegetation Indicators: In Totals Test for Hydrophytic Vegetation Species Index is ≥ 3.01 In Tophological Adaptations (Provide supportion data in Remarks or on a separate sheet) Species Hydrophytic Vegetation (Explain)

m a		The second secon	Indiantaras	confirm the	e absence of in	dicators
tile Description, (Describe i	the depth needed to	document the	indicator or	commin un	e abscilos o	A14.70.70
enth Matrix		OCION I GOLLEN		Loc2	Texture	Remarks
ches) Color (Moist) 9/	6 Color (Moist)	_%_	_Type ¹	LUC	SiCL	
0-2 10YR 3/1 10				-	OIOL	
J-2 1011X 01-1						
		_		200		
		-	_	-		
			-	-		
		1				
						D. D. Lining M Matrix
ype: C = Concentration, D= De	DM - Doduc	od Matrix CS	= Covered or	Coated San	d Grains ² Lo	ocaton: PL =Pore Lining, M = Matrix
ype: C = Concentration, D= De	epietion, Rivi - Reduc	ed Matrix, 00			Indicators fo	or Problematic Hydric Soils ³
dric Soil Indicators		dy Gleyed Mat			Coast Pra	nirie Redox (A16)
Histosol (A1)	☐ San	dy Gleyeu Mat	IIX (OH)		☐ Dark Surf	ace (S7)
Histic Epipedon (A2)	∐ San	dy Redox (S5)	C)		□ Iron- Man	ganese Masses (F12)
Black Histic (A3)	☐ Strip	pped Matrix (Se	0)		☐ Very Sha	llow Dark Surface (TF12)
Hydrogen Sulfide (A4)	☐ Loa	my Mucky Mine	eral (F1)		Other (Ex	plain in Remarks)
Stratified Layers (A5)	☐ Loa	my Gleyed Ma	trix (F2)		Chouse (Ex	plaia in trement
Stratified Layers (A3)	□ Den	leted Matrix (F	3)			
2 cm Muck (A10)	o (A11) Rec	lox Dark Surface	ce (F6)		71.0.00000	of hydrophytic vegetation and wetland
Depleted below Dark Surfac	Der Der	leted Dark Sur	rface (F7)		Indicators of	nust be present unless disturbed or
Thick Dark Surface (A12)	D Bee	dox Depression	ns (F8)		hydrology r	nust be present unless distarbed of
Sandy Mucky Mineral (S1)		ON Depression	10 (1 -1		problemation	0.
1.5 cm Mucky Peat or Peat (S	(3)					
estrictive Layer (if observed	1)					
Type: Rock Fill					Hydric Soil	Present? Yes ☐ No ☒
Depth: 2"					117	1
Depart						
HYDROLOGY						
Wetland Hydrology Indicator	rs:				2.000	- Indicators (minimum of two required
Wetland Hydrology Indicator	f and is required; the	ck all that appl	(v)		Seconda	ary Indicators (minimum of two required
Primary Indicators (Minimum o	f and is required; the	ck all that appl	ly) ed Leaves (B9)		□ Sur	face Soil Cracks (B6)
Primary Indicators (Minimum o	of one is required: che				☐ Sur	face Soil Cracks (86) sinage Patterns (810)
Primary Indicators (Minimum o ☐ Surface Water (A1) ☐ High Water Table (A2)	of one is required: che	Aquatic Faun	na (B 3)		☐ Sur 図 Dra	face Soil Cracks (B6) inage Patterns (B10) r-Season Water Table (C2)
Primary Indicators (Minimum o ☐ Surface Water (A1) ☐ High Water Table (A2) ☑ Saturation (A3)	of one is required: che C C	Aquatic Faun	na (B 3) Plants (B14)		☐ Sur ☑ Dra ☐ Dry	face Soil Cracks (B6) iinage Patterns (B10) -Season Water Table (C2) outlish Burrows (C8)
Primary Indicators (Minimum o ☐ Surface Water (A1) ☐ High Water Table (A2) ☑ Saturation (A3)	of one is required: che	Aquatic Faun True Aquatic	na (B 3) Plants (B14)	1)	☐ Sur ☐ Dra ☐ Dry ☐ Cra	face Soil Cracks (B6) inage Patterns (B10) '-Season Water Table (C2) ayfish Burrows (C8) buration Visible on Aerial Imagery (C9)
Primary Indicators (Minimum o ☐ Surface Water (A1) ☐ High Water Table (A2) ☑ Saturation (A3) ☐ Water Marks (B1)	of one is required: che	Aquatic Faun True Aquatic Hydrogen Su	na (B 3) : Plants (B14) ulfide Odor (C izospheres on	I) Living Root	Sur Sur Dra Dry Cra ts (C3) Sar	face Soil Cracks (B6) inage Patterns (B10) r-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	of one is required: che	Aquatic Faun True Aquatic Hydrogen Su Oxidized Rhi	na (B 3) : Plants (B14) ulfide Odor (C' izospheres on Reduced Iron	I) Living Root (C4)	Sur Sur Dra Dry Cra ts (C3) Sat	face Soil Cracks (B6) inage Patterns (B10) r-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	of one is required: che	Aquatic Faun True Aquatic Hydrogen Su Oxidized Rhi Presence of	na (B 3) Plants (B14) Ulfide Odor (C' izospheres on Reduced Iron Reduction in	I) Living Root (C4)	Sur Dra Dry Cra ts (C3) Sar Stu	face Soil Cracks (B6) inage Patterns (B10) r-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) iomorphic Position (D2)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	of one is required: che	Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron	na (B 3) Plants (B14) Ulfide Odor (Cizospheres on Reduced Iron Reduction in Surface (C7)	I) Living Root (C4)	Sur Dra Dry Cra ts (C3) Sar Stu	face Soil Cracks (B6) inage Patterns (B10) r-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	of one is required: che	Aquatic Faura True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S	na (B 3) Plants (B14) Ilfide Odor (C' izospheres on Reduced Iron Reduction in 1 Surface (C7) ell Data (D9)	l) Living Root (C4) Tilled Soils (Sur Dra Dry Cra ts (C3) Sar Stu	face Soil Cracks (B6) inage Patterns (B10) r-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) comorphic Position (D2)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	of one is required: che	Aquatic Faura True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S	na (B 3) Plants (B14) Ilfide Odor (C' izospheres on Reduced Iron Reduction in 1 Surface (C7) ell Data (D9)	l) Living Root (C4) Tilled Soils (Sur Dra Dry Cra ts (C3) Sar Stu	face Soil Cracks (B6) inage Patterns (B10) r-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) iomorphic Position (D2)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeria	of one is required: che	Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron	na (B 3) Plants (B14) Ilfide Odor (C' izospheres on Reduced Iron Reduction in 1 Surface (C7) ell Data (D9)	l) Living Root (C4) Tilled Soils (Sur Dra Dry Cra ts (C3) Sar Stu	face Soil Cracks (B6) inage Patterns (B10) r-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) iomorphic Position (D2)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeria	of one is required: che	Aquatic Faura True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S	na (B 3) Plants (B14) Ilfide Odor (C' izospheres on Reduced Iron Reduction in 1 Surface (C7) ell Data (D9)	l) Living Root (C4) Tilled Soils (Sur Dra Dry Cra ts (C3) Sar Stu	face Soil Cracks (B6) inage Patterns (B10) r-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) iomorphic Position (D2)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeria Sparsely Vegetated Conca	of one is required: che	Aquatic Faun True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	na (B 3) Plants (B14) Ulfide Odor (Crizospheres on Reduced Iron Surface (C7) ell Data (D9) sin in Remarks	I) Living Root (C4) Tilled Soils (Sur Dra Dry Cra ts (C3) Sar Stu	face Soil Cracks (B6) inage Patterns (B10) r-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) iomorphic Position (D2)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeria Sparsely Vegetated Conca	of one is required: che	Aquatic Faur Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	na (B 3) Plants (B14) Iffide Odor (Crizospheres on Reduced Iron Reduction in Tourface (C7) Iffil Data (D9) In Remarks	Living Root (C4) (Cilled Soils (□ Sur □ Dry □ Crats (C3) □ Stu □ Stu □ Stu □ Stu □ Stu □ Stu □ FAC	face Soil Cracks (B6) inage Patterns (B10) v-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) unted or Stressed Plants (D1) comorphic Position (D2) C-Neutral Test (D5)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeric Sparsely Vegetated Conceried Observations: Surface Water Present? Water Table Present?	of one is required: che	Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	na (B 3) Plants (B14) Plants (B	Living Root (C4) (Cilled Soils (□ Sur □ Dry □ Crats (C3) □ Stu □ Stu □ Stu □ Stu □ Stu □ Stu □ FAC	face Soil Cracks (B6) inage Patterns (B10) v-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) unted or Stressed Plants (D1) comorphic Position (D2) C-Neutral Test (D5)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeria Sparsely Vegetated Concafield Observations: Surface Water Present? Water Table Present?	of one is required: che	Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	na (B 3) Plants (B14) Plants (B	Living Root (C4) (Cilled Soils (□ Sur □ Dry □ Crats (C3) □ Stu □ Stu □ Stu □ Stu □ Stu □ Stu □ FAC	face Soil Cracks (B6) inage Patterns (B10) r-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) comorphic Position (D2)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeric Sparsely Vegetated Conceried Observations: Surface Water Present? Water Table Present? Saturation Present?	of one is required: che	Aquatic Faun True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	na (B 3) Plants (B14) Ulfide Odor (C- izospheres on Reduced Iron Reduction in 1 Surface (C7) ell Data (D9) ain in Remarks	Living Root (C4) Tilled Soils (Sur Sur Dra Dry Cra ts (C3) Stu C6) SG SAC Wetland Hydro	face Soil Cracks (B6) inage Patterns (B10) c-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) comorphic Position (D2) C-Neutral Test (D5)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeric Sparsely Vegetated Conceried Observations: Surface Water Present? Water Table Present? Saturation Present?	of one is required: che	Aquatic Faun True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	na (B 3) Plants (B14) Ulfide Odor (C- izospheres on Reduced Iron Reduction in 1 Surface (C7) ell Data (D9) ain in Remarks	Living Root (C4) Tilled Soils (Sur Sur Dra Dry Cra ts (C3) Stu C6) SG SAC Wetland Hydro	face Soil Cracks (B6) inage Patterns (B10) c-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) comorphic Position (D2) C-Neutral Test (D5)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeria Sparsely Vegetated Concafield Observations: Surface Water Present? Water Table Present?	of one is required: che	Aquatic Faun True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	na (B 3) Plants (B14) Ulfide Odor (C- izospheres on Reduced Iron Reduction in 1 Surface (C7) ell Data (D9) ain in Remarks	Living Root (C4) Tilled Soils (Sur Sur Dra Dry Cra ts (C3) Stu C6) SG SAC Wetland Hydro	face Soil Cracks (B6) inage Patterns (B10) c-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) comorphic Position (D2) C-Neutral Test (D5)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeric Sparsely Vegetated Conceried Observations: Surface Water Present? Water Table Present? Saturation Present?	of one is required: che	Aquatic Faun True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	na (B 3) Plants (B14) Ulfide Odor (C- izospheres on Reduced Iron Reduction in 1 Surface (C7) ell Data (D9) ain in Remarks	Living Root (C4) Tilled Soils (Sur Sur Dra Dry Cra ts (C3) Stu C6) SG SAC Wetland Hydro	face Soil Cracks (B6) inage Patterns (B10) c-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) comorphic Position (D2) C-Neutral Test (D5)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeric Sparsely Vegetated Conceried Observations: Surface Water Present? Water Table Present? Saturation Present?	of one is required: che	Aquatic Faun True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	na (B 3) Plants (B14) Ulfide Odor (C- izospheres on Reduced Iron Reduction in 1 Surface (C7) ell Data (D9) ain in Remarks	Living Root (C4) Tilled Soils (Sur Sur Dra Dry Cra ts (C3) Stu C6) SG SAC Wetland Hydro	face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) comorphic Position (D2) C-Neutral Test (D5)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeria Sparsely Vegetated Concafield Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (str	of one is required: che	Aquatic Faun True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	na (B 3) Plants (B14) Ulfide Odor (C- izospheres on Reduced Iron Reduction in 1 Surface (C7) ell Data (D9) ain in Remarks	Living Root (C4) Tilled Soils (Sur Sur Dra Dry Cra ts (C3) Stu C6) SG SAC Wetland Hydro	face Soil Cracks (B6) inage Patterns (B10) c-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) comorphic Position (D2) C-Neutral Test (D5)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeric Sparsely Vegetated Conceried Observations: Surface Water Present? Water Table Present? Saturation Present?	of one is required: che	Aquatic Faun True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	na (B 3) Plants (B14) Ulfide Odor (C- izospheres on Reduced Iron Reduction in 1 Surface (C7) ell Data (D9) ain in Remarks	Living Root (C4) Tilled Soils (Sur Sur Dra Dry Cra ts (C3) Stu C6) SG SAC Wetland Hydro	face Soil Cracks (B6) inage Patterns (B10) c-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) comorphic Position (D2) C-Neutral Test (D5)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeria Sparsely Vegetated Concafield Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (str	of one is required: che	Aquatic Faun True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	na (B 3) Plants (B14) Ulfide Odor (C- izospheres on Reduced Iron Reduction in 1 Surface (C7) ell Data (D9) ain in Remarks	Living Root (C4) Tilled Soils (Sur Sur Dra Dry Cra ts (C3) Stu C6) SG SAC Wetland Hydro	face Soil Cracks (B6) inage Patterns (B10) c-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) comorphic Position (D2) C-Neutral Test (D5)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeria Sparsely Vegetated Concafield Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (str	of one is required: che	Aquatic Faun True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	na (B 3) Plants (B14) Ulfide Odor (C- izospheres on Reduced Iron Reduction in 1 Surface (C7) ell Data (D9) ain in Remarks	Living Root (C4) Tilled Soils (Sur Sur Dra Dry Cra ts (C3) Stu C6) SG SAC Wetland Hydro	face Soil Cracks (B6) inage Patterns (B10) c-Season Water Table (C2) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9) inted or Stressed Plants (D1) comorphic Position (D2) C-Neutral Test (D5)

Site Photographs

PHOTOGRAPH 1

DESCRIPTION:

7821 Route 71 / Smrz, Ron

Farmed Wetland 1 – Sample Point A

Facing West

DATE PHOTO TAKEN:

May 29, 2019



PHOTOGRAPH 2

DESCRIPTION:

7821 Route 71 / Smrz, Ron

Farmed Wetland 1 – Upland Sample Point B

Facing South

DATE PHOTO TAKEN:

May 29, 2019



ENCAP, Inc.

PHOTOGRAPH 3

DESCRIPTION:

7821 Route 71 / Smrz, Ron

Farmed Wetland 1 – Pipe Connection

Facing Northwest

DATE PHOTO TAKEN:

May 29, 2019



PHOTOGRAPH 4

DESCRIPTION:

7821 Route 71 / Smrz, Ron

Farmed Wetland 1 – Pipe Connection

Facing West

DATE PHOTO TAKEN:

May 29, 2019



ENCAP, Inc.

PHOTOGRAPH 5

DESCRIPTION:

7821 Route 71 / Smrz, Ron

Farmed Wetland 1 - Overview

Facing West



DATE PHOTO TAKEN:

May 29, 2019

PHOTOGRAPH 6

DESCRIPTION:

7821 Route 71 / Smrz, Ron

Farmed Wetland 1 – Overview

Facing East



DATE PHOTO TAKEN:

May 29, 2019

ENCAP, Inc.

DESCRIPTION:

7821 Route 71 / Smrz, Ron

Investigated Area 1 – Sample Point C

Facing East

DATE PHOTO TAKEN:

May 29, 2019



PHOTOGRAPH 8

DESCRIPTION:

7821 Route 71 / Smrz, Ron

Investigated Area 2 – Sample Point D

Facing East

DATE PHOTO TAKEN:

May 29, 2019



DESCRIPTION:

7821 Route 71 / Smrz, Ron

Site Overview – Route

Facing South



DATE PHOTO TAKEN:

May 29, 2019

PHOTOGRAPH 10

DESCRIPTION:

7821 Route 71 / Smrz, Ron

Site Overview – Route

Facing North

DATE PHOTO TAKEN:

May 29, 2019



DESCRIPTION:

7821 Route 71 / Smrz, Ron

Site Overview

Facing South



DATE PHOTO TAKEN:

May 29, 2019

PHOTOGRAPH 12

DESCRIPTION:

7821 Route 71 / Smrz, Ron

Site Overview

Facing West



DATE PHOTO TAKEN:

May 29, 2019

DESCRIPTION:

7821 Route 71 / Smrz, Ron

Site Overview

Facing North



DATE PHOTO TAKEN:

May 29, 2019

PHOTOGRAPH 14

DESCRIPTION:

7821 Route 71 / Smrz, Ron

Site Overview

Facing East



DATE PHOTO TAKEN:

May 29, 2019

DESCRIPTION:

7821 Route 71 / Smrz, Ron

Site Overview

Facing Northwest



May 29, 2019



PHOTOGRAPH 16

DESCRIPTION:

7821 Route 71 / Smrz, Ron

Site Overview

Facing East

DATE PHOTO TAKEN:

May 29, 2019



DESCRIPTION:

7821 Route 71 / Smrz, Ron

Site Overview

Facing East

DATE PHOTO TAKEN:

May 29, 2019



PHOTOGRAPH 18

DESCRIPTION:

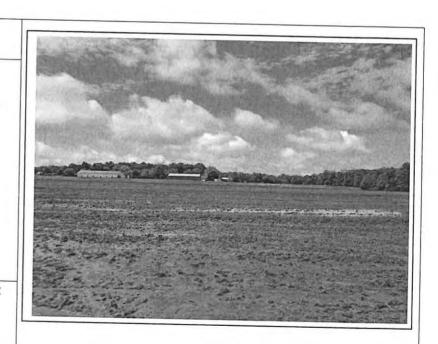
7821 Route 71 / Smrz, Ron

Site Overview

Facing South

DATE PHOTO TAKEN:

May 29, 2019



DESCRIPTION:

7821 Route 71 / Smrz, Ron

Site Overview

Facing Southeast

DATE PHOTO TAKEN:

May 29, 2019



PHOTOGRAPH 20

DESCRIPTION:

7821 Route 71 / Smrz, Ron

Site Overview

Facing East

DATE PHOTO TAKEN:

May 29, 2019



WETS Station Data

Aurora_IL0338 Kane County FORM

	Average	<30%	>30%_ CLIMATIC EVALUATION OF PRECIPITATION								DATE					
oril	3.88	2.79	4.59			THS BEF		ERIAL CF	ROP					COUN		
ay	3.91	2.7	4.65		HISTO	RY SLIDE	ES							TRAC	OWNER	k;
ine	4.34	3.04 2.76	5.14												ARED B	V·
ily	4.55	2.70	3,3	1										TINEIT	AI VED E	
	April Percip-	Type of		THE RESERVE WAS	EDETAL UNKNOWN	Type of	The state of the s						Type of	1387	Best	RECORD OF WETLAND SIGNATURES OBSERVED OF
ear	itation	Month	itation	Month	itation	Month	itation	Month	1X	2X	3X	Year	Year	Year	Years	AERIAL PHOTOGRAPHY
78	5.14	Wet	4.85	Wet	3.65	Normal	8.56	Wet	3	6	6	15	WET	78	70	
79	6.06	Wet	2.6	Dry	5.34	Wet	3.68	Normal	3	2	9	14	NORMAL	79	79	
30	3.26	Normal	2.7	Normal		Normal	3.81	Normal	2	4	6	12	NORMAL	80	80	
31	5.82	Wet	5.09	Wet	6.44	Wet	3.97	Normal	3	6	9	18	WET	81		
82	3.25	Normal	3.64	Normal	T. C. Contraction	Dry	6.34	Wet	2	4	3	9	DRY	82		
83	6.59	Wet	4.22	Normal	Name and Address of the Owner, where	Normal	6.97	Wet	3	4	6	13	NORMAL	83	83	
84	4.02	Normal	4.12	Normal	5.78	Wet	1.83	Dry	2	4	9	15	WET	84		
85	1.93	Dry	2.63	Dry	2.7	Dry	3.26	Normal	1	2	3	6	DRY	85		
86	1.75	Dry	3.23	Normal	4.19	Normal	3.25	Normal	1	4	6	11	NORMAL	86	86	
87	2.49	Dry	5.14	Wet	5.83	Wet	3.78	Normal	1	6	9	16	WET	87		
88	3.18	Normal	1.86	Dry	0.95	Dry	3.4	Normal	2	2	3	7	DRY	88		
89	1.12	Dry	1.94	Dry	4.29	Normal	6.63	Wet	1	2	6	9	DRY	89		
90	1.89	Dry	8	Wet	6.31	Wet	4.41	Normal	1	6	9	16	WET	90		
91	4.47	Normal	5.8	Wet	1	Dry	1.45	Dry	2	6	3	11	NORMAL	91	91	
92	3.31	Normal	0.75	Dry	2.22	Dry	4.45	Normal	2	2	3	7	DRY	92		
93	4.66	Wet	2.03	Dry	9.56	Wet	2.34	Dry	3	2	9	14	NORMAL	93	93	
94	1.98	Dry	1.57	Dry	6.03	Wet	2.46	Dry	1	2	9	12	NORMAL	94	94	
95	5.8	Wet	4.54	Normal	3.01	Dry	3.73	Normal	3	4	3	10	NORMAL	95	95	
96	2.69	Dry	4.64	Normal	5.63	Wet	21.5	Wet	1	4	9	14	NORMAL	96	96	
97	2.59	Dry	3.96	Normal	2.25	Dry	1.53	Dry	1	4	3	8	DRY	97		
98	5.6	Wet	3.08	Normal		Wet	3.24	Normal		4	9	16	WET	98		
99	5.74	Wet	4.21	Normal		Normal		Normal		4	6	13	NORMAL	99	99	
0	5	Wet	3.76	Normal	1000	Wet	4.47	Normal		4	9	16	WET	0		
1	3.63	Normal	3.15	Normal		Normal		Dry	2	4	6	12	NORMAL	1	1	
2	4.94	Wet	4.62	Normal		Normal		Dry	3	4	6	13	NORMAL	2	2	
3	2.52	Dry	7.91	Wet	1.99	Dry	7.83	Wet	1	6	3	10	NORMAL	3	3	
4	0.94	Dry	6.6	Wet	6.19	Wet	2.7	Dry	1	6	9	16	WET	4	-	
5	2.12	Dry	2.65	Dry	1.11	Dry	2.36	Dry	1	2	3	6	DRY	5		
	4.23	Normal		Normal		Normal		Dry	2	4	6	12	NORMAL	6	6	
6	3.86	Normal		Dry	2.92	Dry	5.02	Normal		2	3	7	DRY	7	-	
8	3.22			Wet	3.63	Normal		Norma		6	6	14	NORMAL	8	8	
		Normal				Normal			3	4	6	13	NORMAL	9	9	
9	5.68	Wet	4.22	Norma				Dry				100		10	3	
10	2.31	Dry	6.61	Wet	7.75	Wet	6.45	Wet	1	6	9	16 18	WET	11	-	
11	5.26	Wet	5.13	Wet	5.89	Wet	4.57	Norma		6	9		A STATE OF THE STA		-	
12	2.29	Dry	1.98	Dry	1.75	Dry	2.35	Dry	1	2	3	6	DRY	12	-	
13	10.44	Wet	4.77	Wet	6.04	Wet	1.74	Dry	3	6	9	18	WET	13	-	
14	3.23	Norma	5.35	Wet	8.16	Wet	4.82	Norma	1 2	6	9	17	WET	14		
CO		-			OF YEA 6 to 9	K	* Into	lata is on	dy uso	d if the	nhoto	annon	rs to have an unu	sually high r	umber	of surface water signatures
Dry = Normal =		2		Dry =	10 to 1	14										e it is assumed that the photo wa
	Wet =	3			15 to 1								at of July's precipi			The second secon

Next 1	Wheaton 3 SE IL9221 DuPage County	
Next 2	Elgin_IL2736_Kane County	
Next 3	Joliet Brandon RD DAM_IL4530_Will County	
Next Closest Site Next 4		

Normal = Wet = COMMENTS:

Historical Aerial Slide Photographs: 1993, 2002, 2006, 2008, 2009, 2010 - Wet

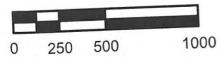
Year: 1993 Slide #: N10NAPPW05763175

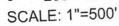


SCALE: 1"=500'



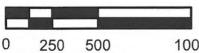










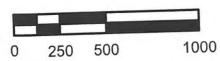


SCALE: 1"=500'

1000







SCALE: 1"=500'







0 250 500 SCALE: 1"=500' 1000



Year: 2010-WET

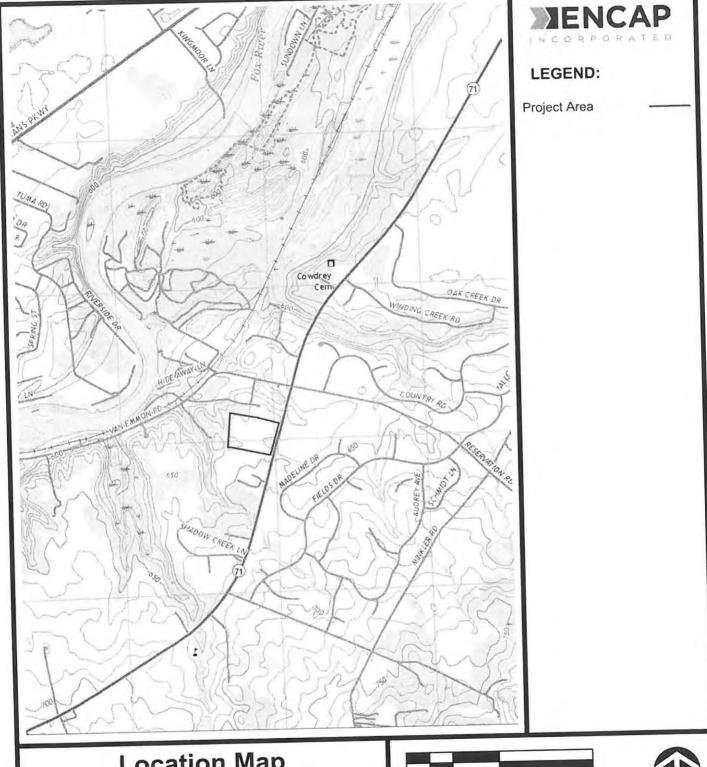




0 250 500 SCALE: 1"=500' 1000



Exhibits A - G



Location Map

Source: U.S. Geological Survey Section 35 T37N R7E Latitude:41.642582 Longitude: -88.406551

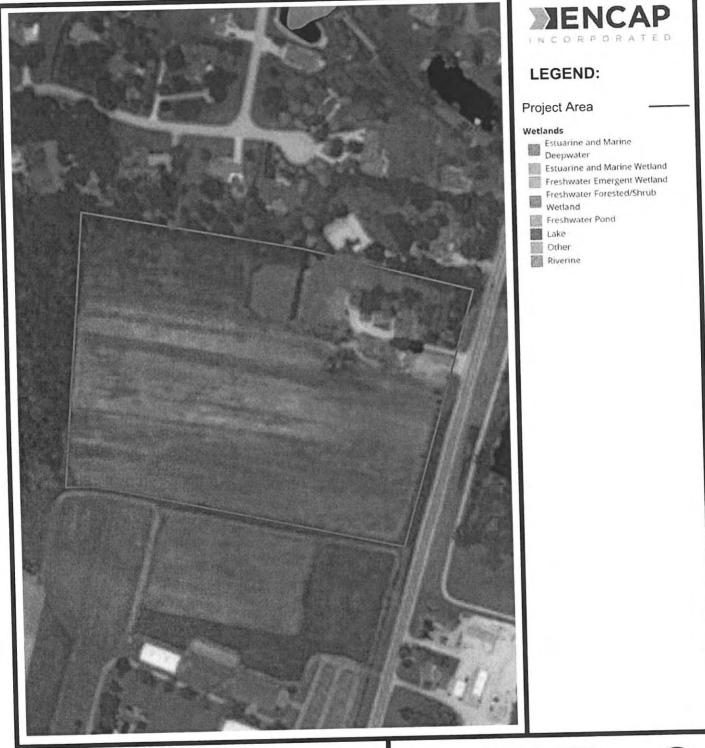
7821 IL Route 71, Yorkville
Project Number: 19-0516A
Smrz, Ron



1000 2000 SCALE: 1"= 2000' 4000



Exhibit A



National Wetlands Inventory

Source: U.S. Fish & Wildlife Service

7821 IL Route 71, Yorkville
Project Number: 19-0516A

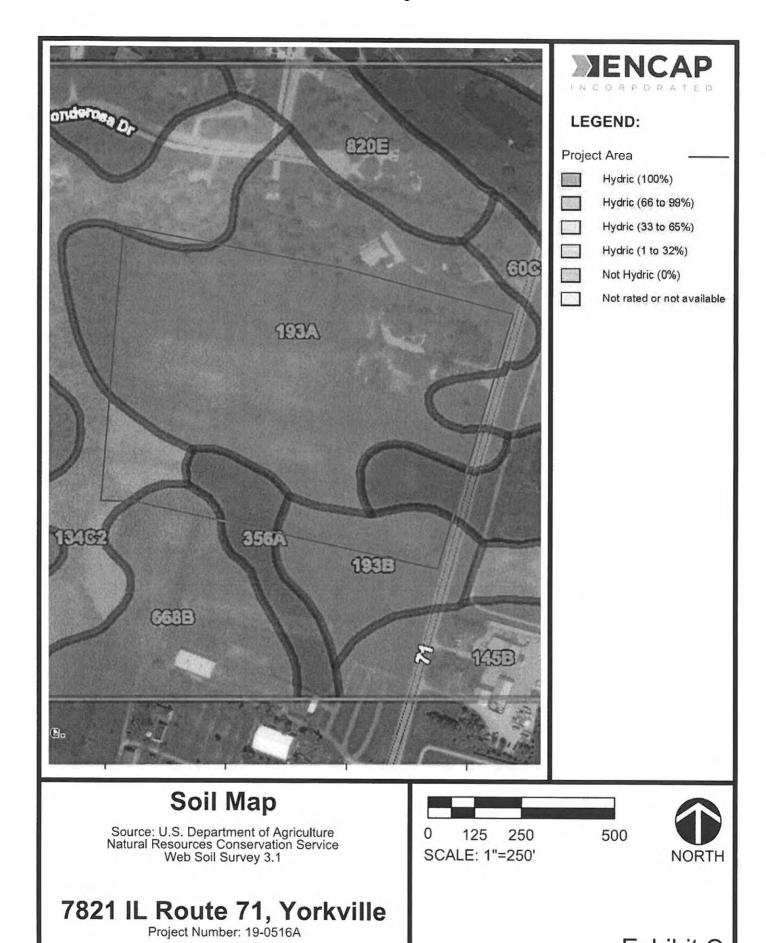
Smrz, Ron

500 250 125

SCALE: 1"=250'

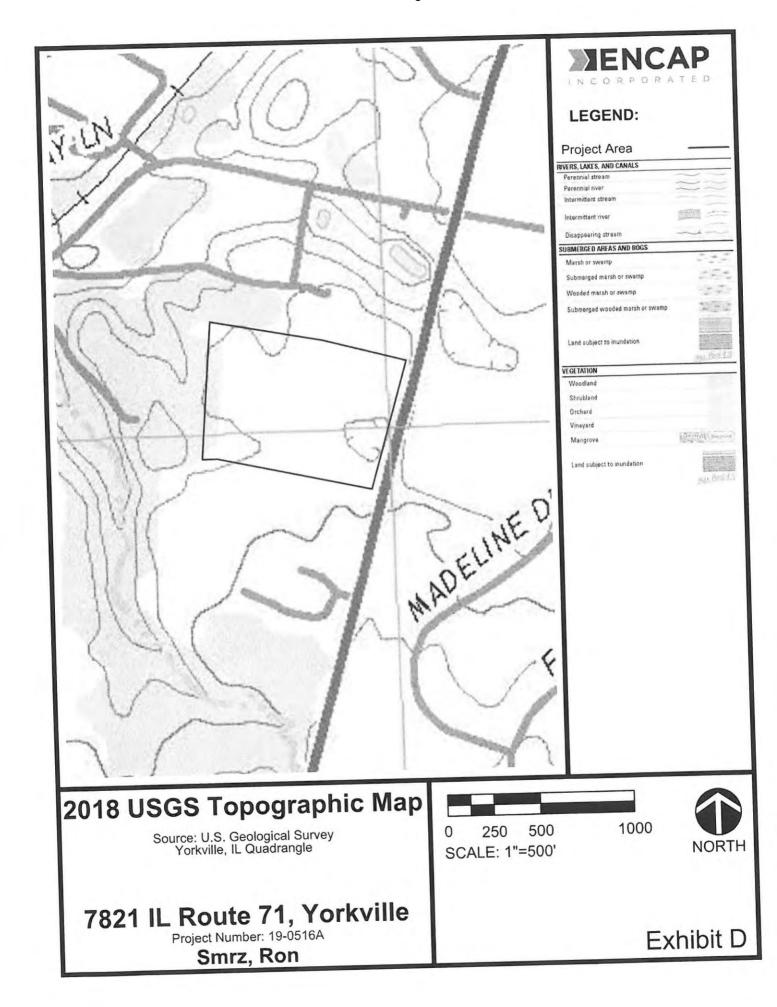
NORTH

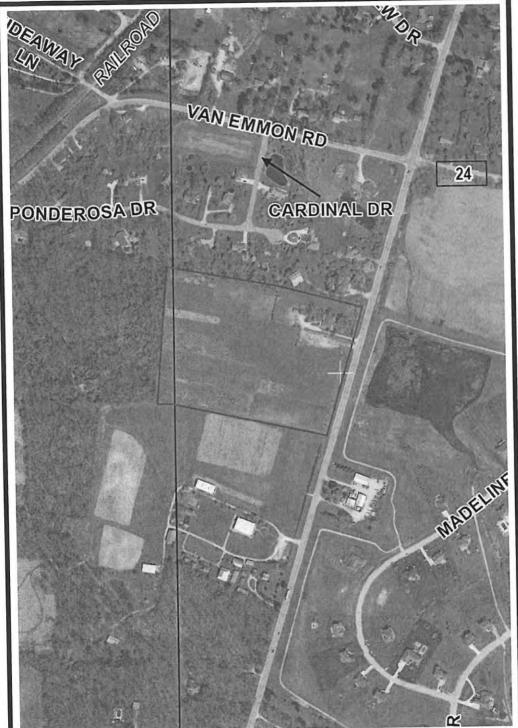
Exhibit B

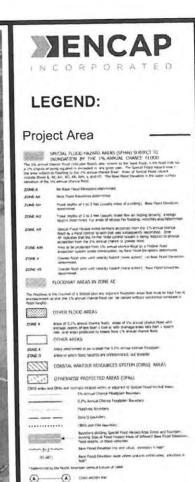


Smrz, Ron

Exhibit C







Flood Insurance Rate Map

Source: Federal Emergency Management Agency (FEMA)
Panel Number: 0045H
Effective Date: January 8, 2014

7821 IL Route 71, Yorkville
Project Number: 19-0516A

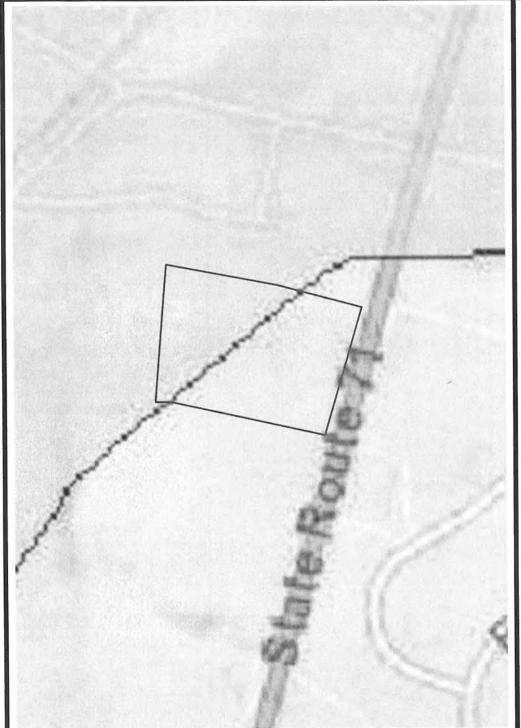
oject Number: 19-0516A Smrz, Ron



0 250 500 SCALE: 1"=500' 1000



Exhibit E



MENCAP

LEGEND:

Project Area

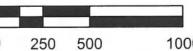
- ▲ Determined eligible for the NR
- ▲ Entered in the NR
- A Part of a NR Historic District
- A Part of a NR Historic District contributing
- Part of a NR Historic District non-contribu
- ▲ Undetermined
- High Probability Archeology

Historic Architectural Resources Geographic Information System

Source: Illinois Historic Preservation Agency

7821 IL Route 71, Yorkville
Project Number: 19-0516A

Smrz, Ron



SCALE: 1"=500'

1000



Exhibit F



MENCAP

LEGEND:

Project Area

Approximate Off-site Wetland Boundary

On-site Farmed Wetland Boundary

Sample Points A-D

Aerial Photograph

Image Courtesy of Google Earth 2018

7821 IL Route 71, Yorkville
Project Number: 19-0516A

Smrz, Ron

125 250 50

0 125 250 50 SCALE: 1"=250'

500



Exhibit G





Applicant: ENCAP, Inc.

Contact: Susan Rowley

Address: 2585 Wagner Court

DeKalb, IL 60115

Project: 7821 IL Route 71

Address: 7821 IL Toure 71, Yorkville

Description: Development for RV Storage

IDNR Project Number:2004996Date:12/23/2019Alternate Number:1911645

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Fox River INAI Site Yorkville Seep INAI Site

An IDNR staff member will evaluate this information and contact you to request additional information or to terminate consultation if adverse effects are unlikely.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Kendall

Township, Range, Section:

37N, 7E, 34 37N, 7E, 35

IL Department of Natural Resources Contact

Adam Rawe 217-785-5500

Division of Ecosystems & Environment



Government Jurisdiction

Kendall County Planning, Building & Zoning Matt Asselmeier 111 West Fox Street Yorkville, Illinois 60560

Disclaimer

The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

Terms of Use

By using this website, you acknowledge that you have read and agree to these terms. These terms may be revised by IDNR as necessary. If you continue to use the EcoCAT application after we post changes to these terms, it will mean that you accept such changes. If at any time you do not accept the Terms of Use, you may not continue to use the website.

- 1. The IDNR EcoCAT website was developed so that units of local government, state agencies and the public could request information or begin natural resource consultations on-line for the Illinois Endangered Species Protection Act, Illinois Natural Areas Preservation Act, and Illinois Interagency Wetland Policy Act. EcoCAT uses databases, Geographic Information System mapping, and a set of programmed decision rules to determine if proposed actions are in the vicinity of protected natural resources. By indicating your agreement to the Terms of Use for this application, you warrant that you will not use this web site for any other purpose.
- 2. Unauthorized attempts to upload, download, or change information on this website are strictly prohibited and may be punishable under the Computer Fraud and Abuse Act of 1986 and/or the National Information Infrastructure Protection Act.
- 3. IDNR reserves the right to enhance, modify, alter, or suspend the website at any time without notice, or to terminate or restrict access.

Security

EcoCAT operates on a state of Illinois computer system. We may use software to monitor traffic and to identify unauthorized attempts to upload, download, or change information, to cause harm or otherwise to damage this site. Unauthorized attempts to upload, download, or change information on this server is strictly prohibited by law.

Unauthorized use, tampering with or modification of this system, including supporting hardware or software, may subject the violator to criminal and civil penalties. In the event of unauthorized intrusion, all relevant information regarding possible violation of law may be provided to law enforcement officials.

Privacy

EcoCAT generates a public record subject to disclosure under the Freedom of Information Act. Otherwise, IDNR uses the information submitted to EcoCAT solely for internal tracking purposes.





EcoCAT Receipt

Project Code 2004996

APPLICANT DATE

ENCAP, Inc. Susan Rowley 2585 Wagner Court DeKalb, IL 60115 12/23/2019

DESCRIPTION	FEE	CONVENIENCE FEE	TOTAL PAID
EcoCAT Consultation	\$ 125.00	\$ 2.81	\$ 127.81

TOTAL PAID \$ 127.81

Illinois Department of Natural Resources One Natural Resources Way Springfield, IL 62702 217-785-5500 dnr.ecocat@illinois.gov



JB Pritzker, Governor

Colleen Callahan, Director

December 23, 2019

Susan Rowley ENCAP, Inc. 2585 Wagner Court DeKalb, IL 60115

RE: 7821 IL Route 71

Project Number(s): 2004996 [1911645]

County: Kendall

Dear Applicant:

This letter is in reference to the project you recently submitted for consultation. The natural resource review provided by EcoCAT identified protected resources that may be in the vicinity of the proposed action. The Department has evaluated this information and concluded that adverse effects are unlikely. Therefore, consultation under 17 Ill. Adm. Code Part 1075 is terminated.

This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database at the time of the project submittal, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, you must comply with the applicable statutes and regulations. Also, note that termination does not imply IDNR's authorization or endorsement of the proposed action.

Please contact me if you have questions regarding this review.

Adam Rawe Division of Ecosystems and Environment 217-785-5500











Matt Asselmeier

From: Broviak, David E <David.Broviak@illinois.gov>
Sent: Thursday, September 19, 2019 2:53 PM

To: Matt Asselmeier

Cc: Fran Klaas; Phillips, Wayne L; Magolan, Thomas J

Subject: [External]RE: 7821 Route 71 Question

Attachments: Scanned from a Xerox Multifunction Printer.pdf; Site Plan.pdf

Matt,

Thank you for your email. IDOT has no concerns regarding this type of business operating at this location. The developer will be required to apply to IDOT for an access permit because of the proposed change in use at the location. At that time we will likely notify them that there is a proposed improvement along IL 71 which will require the Department to acquire ROW along IL 71.

I've included a DRAFT plan sheet for the location.

Here is a link to the study website http://idot.illinois.gov/projects/IL-71-Study

Thank you,
Dave Broviak P.E.
District 3 Studies & Plans Engineer
Illinois Department of Transportation
700 East Norris Drive
Ottawa, IL 61350

Ph 815-434-8423

From: Matt Asselmeier < masselmeier@co.kendall.il.us>

Sent: Thursday, September 19, 2019 12:13 PM
To: Broviak, David E < David. Broviak@illinois.gov>
Cc: Klaas, Francis < fklaas@co.kendall.il.us>

Subject: [External] 7821 Route 71 Question

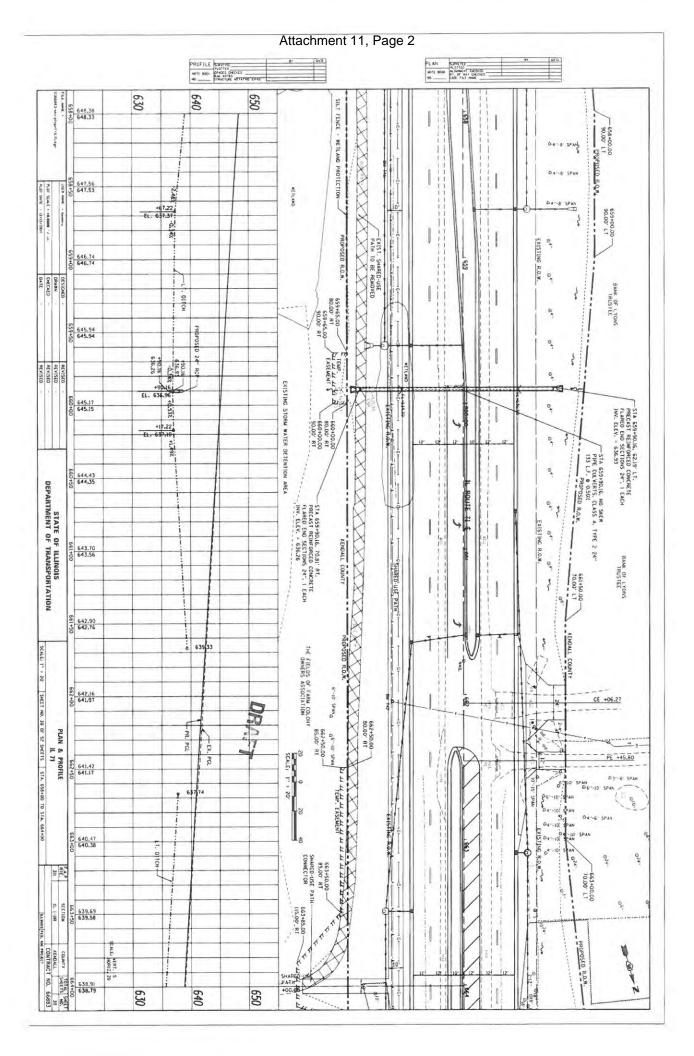
Dave:

Kendall County received a request for a special use permit for a motor vehicle, boat, and trailer storage business at 7821 Route 71. Does IDOT have any concerns regarding this type of business operating at this location?

The proposed site plan is attached.

Thanks,

Matthew H. Asselmeier, AICP Senior Planner Kendall County Planning, Building & Zoning 111 West Fox Street Yorkville, IL 60560-1498



ZONING, PLATTING & ADVISORY COMMITTEE (ZPAC) October 1, 2019 – Meeting Minutes

PBZ Chairman Matthew Prochaska called the meeting to order at 9:00 a.m.

Present:

Megan Andrews – Soil and Water Conservation District Matt Asselmeier – PBZ Department David Guritz – Forest Preserve Fran Klaas – Highway Department Commander Jason Langston – Sheriff's Department Matthew Prochaska – PBZ Committee Chair Aaron Rybski – Health Department

Absent:

Meagan Briganti – GIS Greg Chismark – WBK Engineering, LLC Brian Holdiman – PBZ Department

Audience:

John Sharkey, Ronald Smrz, Caitlin Paloian, and Laura Gay

AGENDA

Mr. Guritz made a motion, seconded by Mr. Klaas, to approve the agenda as presented. With a voice vote of all ayes, the motion carried unanimously.

MINUTES

Mr. Guritz made a motion, seconded by Ms. Andrews, to approve the September 3, 2019, meeting minutes. With a voice vote of all ayes, the motion carried unanimously.

PETITIONS

Petition 19-32 John and Erin Sharkey and Theodore Parks

Mr. Asselmeier summarized the request.

John and Erin Sharkey and Theodore Parks would like to vacate the ten foot (10') public utility and drainage easement that runs along and parallel the northern lot lines of Lots 1 and 4 in Highgrove Subdivision. The Petitioners own the property immediately north of the subdivision and would like to construct buildings inside the current easement.

After submitting the application to vacate the easement in question, the Petitioners agreed to relocate the easement to the northern boundary of PINs 09-07-200-034 and 09-07-200-033.

The property is located at 13315D and 13315A Grove Road in Seward Township.

The property is zoned R-2 One Family Residential. The current land use is one-family residential. The future land use is rural residential. There are no floodplains or wetlands on the property. The adjacent land uses are agricultural, single-family residential, farmstead, and park. The adjacent zonings are A-1, RPD-2, and R-2. The Land Resource Management Plan calls for the entire area to be rural residential.

Seward Township was emailed information on September 23, 2019, and did not submit any comments.

The Petitioners originally wanted to vacate the ten foot (10') public utility and drainage easement that runs along and parallel the northern lot lines of Lots 1 and 4 in Highgrove Subdivision. The Petitioners own the property immediately north of the subdivision and would like to construct buildings inside the current easement.

On September 6, 2019, Fran Klaas sent an email expressing no opposition to the proposal on the condition that no public utilities were located in the easement and that the easement be relocated to the north portion of the Petitioners' respective properties (09-07-200-034 and 09-07-200-033).

Also on September 6, 2019, Greg Chismark submitted comments concurring with Fran Klaas. Mr. Chismark also requested that the easement be extended north along the eastern property line of Lot 1 to the new easement location.

The emails from Fran Klaas and Greg Chismark were provided.

The Petitioners contacted JULIE to determine no utilities would be impacted by vacating the easement. The JULIE information was provided.

As of September 9, 2019, the Petitioners agreed to the requests of the County and had their engineer prepare an updated plat showing the relocated and extended easements.

Mr. Guritz asked about drainage facilities in the current easement. Mr. Asselmeier said that no existing drainage facilities are located in the existing easement.

Mr. Rybski asked about the plans for the lots to the north of the subject property. Mr. Asselmeier said that the lots are planned to be used residentially as part of the Petitioners' yards.

Mr. Guritz made a motion, seconded by Mr. Klaas, to recommend approval of the requested easement vacation and relocation.

Ayes (7): Andrews, Asselmeier, Guritz, Klaas, Langston, Prochaska, and Rybski

Nays (0): None Present (0): None

Absent (3): Briganti, Chismark, and Holdiman

The motion passed. This proposal will go to the Kendall County Planning, Building and Zoning Committee on October 7, 2019, at 6:30 p.m.

Petition 19-34 Ronald Smrz on Behalf of the Ronald Smrz Trust

Mr. Asselmeier summarized the request.

Ron Smrz, on behalf of the Ronald Smrz Trust, would like to establish a storage business for boats and RVs at the subject property.

The property is located at 7821 Route 71. The property is approximately seventeen (17) acres in size and the original proposed area for the special use permit was approximately two (2) acres in size.

The current land use is agricultural. The future land use is rural residential. Route 71 is a State maintained highway and is considered a Scenic Route at the subject property. Yorkville has a trail planned along Route 71. There is a farmable wetland on the property consisting of approximately a tenth (0.1) of an acre. The adjacent land uses are agricultural, single-family residential, and farmstead. The adjacent zonings are A-1, A-1 SU, R-1, R-3, and R-3 PUD. The Land Resource Management Plan calls for the area to be rural residential. The nearby zonings are A-1, A-1 SU, A-1 BP, R-3, RPD-2, and R-3 PUD.

The subject property has a special use permit for a landscaping business.

The special use permit to the north is for a campground. The special use permit to the east is for a landscaping business.

Lyon Farm is located south of the subject property.

The Richard Young and Lyon Forest Preserves are in the vicinity.

The aerial of the property and other pictures of the property were provided.

EcoCat submitted on June 6, 2019, as part the Wetland Delineation Report and found the Fox River INAI Site and Yorkville Seep INAI Site in the area. The entire Wetland Delineation Report was provided.

NRI application submitted on August 2, 2019.

Oswego Township was emailed information on September 24, 2019.

The Bristol-Kendall Fire Protection District was emailed information on September 24, 2019.

The United City of Yorkville was emailed information on September 24, 2019.

According to the information provided to the County, the Petitioner originally planned to offer rental space for two hundred (200) rental units. The Petitioner would offer year-round storage access twenty-four (24) hours a day, seven (7) days a week. The Petitioner reduced the size of the operation to avoid having to provide onsite stormwater detention.

Prospective renters would meet with the Petitioner at the property at a pre-arranged time to view the property, sign a contract, and receive their access code. The Petitioner plans to use the existing storage building shown in Attachment 6 as the office for the business.

The Petitioner and his wife would be the only employees of the business.

No new structures are planned for the property. A new occupancy permit might be required for the existing storage building.

The location of the well was shown on the proposed site plan south of the existing house. No bathrooms or potable water sources would be available to patrons of the storage business.

The Petitioner indicated that the storage area would have a gravel base.

The property fronts Route 71 and an existing access point off of Route 71 exists.

The Illinois Department of Transportation provided comments regarding this proposal. A new access permit will be required.

Parking will occur in the gravel areas east of the existing building shown. The Petitioner originally proposed having fifteen (15) parking spaces. Per the Americans with Disabilities Act, at least one (1) of these spaces must be handicapped accessible. The Petitioner may change the parking layout.

The Petitioner plans to install lighting on the exterior of the shed.

The Petitioner plans to install a sign along Route 71. The sign must meet all of requirements of the Kendall County Zoning Ordinance and must not be illuminated.

The Petitioner plans to remove the three (3) existing Norway Spruce trees. The Petitioner originally planned to plant forty (40) evergreens that will be between approximately four feet and six feet (4'-6') in height at the time of planting. The evergreens were to be placed to the north and east of the storage area. The Petitioner may change the number of evergreen depending on the revised site plan. The evergreens would be planted by the end of May 2020.

The Petitioner indicated that the storage area will have a chain-link fence around the storage area. The fence is planned to be six feet (6') in height.

There will be a twenty foot (20') wide automatic gate on the east side of the storage area to control access to the area. The gate will be adjacent to the shed.

A security monitoring system will also be installed with cameras on the shed.

No information was provided regarding noise control.

No new odors are foreseen.

While very little trash or litter is expected to be generated by the proposed, no plans for litter control were provided.

If approved, this would be the fifth active special use permit for this type of storage in unincorporated Kendall County.

The Petitioner currently resides in the house on the property.

The Petitioner agreed that all items stored on the property would remain licensed and in good working order. The Petitioner agreed to follow the Kendall County Inoperable Vehicle Ordinance and the Junk and Debris Ordinance. The Petitioner also agreed that none of the vehicles stored as part of the special use permit would be for agricultural purposes.

A revised site plan was submitted with a smaller project footprint in order to not have to install onsite storage of stormwater.

Mr. Guritz asked about the threshold for stormwater. Mr. Asselmeier read the threshold from the Stormwater Management Ordinance.

Commander Langston asked about size limitations for vehicles stored on the property. Mr. Smrz responded that the maximum would be approximately thirty-nine feet (39'). Commander Langston expressed concerns regarding larger vehicles accessing the property. Mr. Smrz noted that the State has plans to widen Route 71. Mr. Smrz will ask the State to see if a larger entrance is necessary.

Ms. Andrews noted that the Kendall County Soil and Water Conservation District reviewed the proposal last month and will forward her report.

Mr. Rybski noted the locations of the existing well and septic and expressed no concerns related to the Health Department.

Mr. Asselmeier asked about a plan to address leaks such as motor oil leaks. Mr. Smrz said that he would check the site daily for leaks and will have spill pad clean-up kits available. Contaminated gravel will be disposed of properly.

Discussion occurred regarding the stormwater requirements. The Petitioner expressed concerns about the retention area across Route 71. Mr. Klaas suggested that a variance could be pursued.

The Petitioner stated that he wanted to examine his site plan to see what type of stormwater variance would be necessary and to see the costs associated with the project.

Mr. Rybski made a motion, seconded by Mr. Klaas, to postpone the Petition until the Petitioner supplies an updated site plan or makes a decision regarding the Stormwater Management Ordinance requirements. With a voice vote of all ayes, the motion carried unanimously.

Petition 19-35 John and Laura Gay

Mr. Asselmeier summarized the request.

John and Laura Gay would like to establish a kennel, The Pets Home Pet Resort and Spa, at the subject property which they own at 3601 Plainfield Road. They are also requesting a variance to allow the kennel to be approximately thirty feet, six and one half inches (30'-6 ½") from property zoned other than residential at the kennel's closest point with neighboring property.

The property is approximately five (5) acres in size and the special use area is approximately four point seven (4.7) acres in size.

The existing land use is agricultural and single-family residential. The future land use is suburban residential. There are no trails planned in the area. There are no floodplains or wetlands on the property, but Morgan Creek runs along the northern boundary of the property.

The adjacent land uses are agricultural, farmstead, and single-family residential. The adjacent zoning is A-1. The Land Resource Management Plan calls for the area to be suburban residential with commercial to the south of the property. The adjacent zonings are A-1 and R-1 in the County and R-2 inside the Village of Oswego.

The Ashcroft Place subdivision is located within one half mile (1/2) to the north.

The Deerpath Trails and Morgan Crossing subdivisions are located within one half (1/2) mile to the west.

EcoCat submitted on July 22, 2019, and found no protection species or sites in the vicinity.

NRI application submitted on September 12, 2019.

Oswego Township was emailed information on September 23, 2019.

Oswego Fire Protection District was emailed information on September 23, 2019. They requested the building to be fire alarmed. They requested the building to be sprinkled. They also requested turn-around capabilities for fire apparatus on the subject property.

The Village of Oswego was emailed information on September 23, 2019.

The Petitioners currently reside in the one-story frame house on the property.

Because of the shape of the property, a variance is required to the distance from the kennel to non-residentially zoned property.

According to the information provided to the County, the Petitioners plan to offer pet daycare, boarding, and grooming services. The proposed hours of operation are Monday through Friday from 6:00 a.m. until 6:00 p.m. The Petitioners plan to hire five (5) employees. The maximum number of dogs planned for the site is one hundred (100). Per the Kendall County Zoning Ordinance, all animals will be indoors by sunset. The Petitioners believe the area is lacking this type of service.

As noted in the site plan, the Petitioners plan to construct an approximately four thousand, one hundred fifty (4,150) square foot building southeast of the existing home on the property. The building shall consist of fourteen (14) rooms including a lobby, manager's office, restroom, bathroom, break room, laundry, dog bathing room, three (3) pet suites, and pet areas for small, medium, and large dogs. A six foot (6') tall wood fence would be located approximately fifteen feet (15') from the building to the southeast and northeast. The fenced area would be approximately six hundred twenty (620) square feet in size and serve as a play area for the dogs.

Building and Occupancy Permits will be required for the new building.

The Petitioner indicated that they are working with the Health Department regarding well and septic facilities.

The property fronts Plainfield Road and curb cut already exists for the proposed driveway for the kennel. The Petitioners are going to remove an existing driveway connection on the property. If this removal occurs, there would be one (1) dedicated entrance for the residence and one (1) dedicated entrance for the kennel.

The Petitioners believe most of the traffic generated by the proposed business will occur in the morning and early evening when patrons drop-off and pick-up their pets.

The Petitioners propose to install an eleven (11) spot parking lot. One (1) of the spaces would be handicapped accessible. The parking lot would access Plainfield Road through a twenty-two foot (22') wide asphalt driveway.

The Petitioners plan to installed three (3) lights along the driveway and in the parking lot. These lights are twelve feet (12') in height. Two (2) wall pack will be installed along the east side of the building. Four (4) wall lights will be installed on the building; three (3) will be on the north side of the building and one (1) will be on the east side of the building. The description of the types of lighting that might be installed were provided. The exact light fixtures are not known.

The Petitioners plan to have one (1) sign along Plainfield Road.

The Petitioners plan to install eight (8) canopy trees, six (6) deciduous shrubs, twenty-eight (28) evergreen shrubs, and six (6) groundcovers, grass, and perennials. The specific location of the plants can be found on the site plan.

The Petitioners believe the distance of their facility to existing houses combined with having the dogs indoors by sunset will prevent any noise issues.

The Petitioners plan to install an eight foot by ten foot (8' X 10') refuse enclosure at the northeastern end of the parking lot. The enclosure is proposed to be six feet (6') tall surrounded by brick with a steel gate for access. Refuse will be picked up weekly.

If approved, this would be the fifth active special use permit for a kennel in unincorporated Kendall County.

Chairman Prochaska asked if the Petitioners were agreeable to the requests of the Oswego Fire Protection District. Ms. Paloian responded that her clients are going through a cost estimate related to the sprinkling and alarming requirements. Ms. Paloian asked about the requirements regarding the turn-around. Mr. Asselmeier said that the Oswego Fire

Attachment 12, Page 6

Protection District would have to be contacted regarding their specifications. The property is on well and septic and a new well and septic will be installed for the special use permit.

Mr. Rybski noted that the wash water from the dogs is also domestic waste. He encouraged the Petitioners to meet with the Health Department before any well and septic permits are issued. Refuse needs to be picked up as frequently to prevent overflow.

Commander Langston asked about peak capacity and the impacts on traffic on Plainfield Road. The Petitioners anticipate most traffic occurring in the mornings and evenings when customers pick-up and drop-off their dogs. The Petitioners do not foresee a large amount of traffic.

Mr. Asselmeier asked about weekend hours of operation. Ms. Paloian responded that the Petitioners will be onsite to handle dogs boarded over the weekend, but there will not be any drop-offs or pick-ups over the weekend. The dogs will not be outside for play during the weekend. The Petitioners will apply for a sign permit after a special use is issued.

Ms. Andrews stated that she is working on the NRI Report.

Mr. Klaas asked if the special use permit goes with the property. Mr. Asselmeier responded that this special use permit would go with the property.

Mr. Klaas asked about estimate traffic generation per day. The exact number was unknown, but was not planned to exceed one hundred (100) new trips per day. Ms. Gay noted that they pick-up some dogs as part of the kennel business.

Mr. Klaas requested a fifteen foot (15') right-of-way dedication for Plainfield Road.

Ms. Andrews made a motion, seconded by Mr. Klaas, to recommended approval of the Petition.

Ayes (7): Andrews, Asselmeier, Guritz, Klaas, Langston, Prochaska, and Rybski

Nays (0): None Present (0): None

Absent (3): Briganti, Chismark, and Holdiman

The motion passed. The proposal will go to the Kendall County Regional Planning Commission on October 23, 2019, at 7:00 p.m.

REVIEW OF PETITIONS THAT WENT TO COUNTY BOARD

None

OLD BUSINESS/NEW BUSINESS

Approval of Fiscal Year 2019-2020 Meeting Calendar

Mr. Asselmeier made a motion, seconded by Ms. Andrews, to approve the meeting calendar. With a voice vote of all ayes, the motion carried unanimously.

CORRESPONDENCE

None

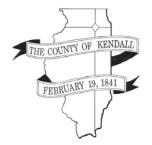
PUBLIC COMMENT

None

ADJOURNMENT

Mr. Guritz made a motion, seconded by Mr. Rybski, to adjourn. With a voice vote of all ayes, the motion carried. The ZPAC, at 9:47 a.m., adjourned.

Respectfully Submitted, Matthew H. Asselmeier, AICP Senior Planner



DEPARTMENT OF PLANNING, BUILDING & ZONING

111 West Fox Street • Room 204 Yorkville, IL • 60560 (630) 553-4141 Fax (630) 553-4179

MEMORANDUM

To: Kendall County Zoning Board of Appeals From: Matthew H. Asselmeier, AICP, Senior Planner

Date: January 24, 2020

Re: Petition 19-34 Request for a Special Use Permit for Outdoor Storage at 7821 Route 71 in

Oswego Township- Petitioner Requests a Layover

Ron Smrz, on behalf of Bank of Lyon Trust, applied for a special use permit for outdoor storage of motor vehicles, boats, trailers, and other recreational vehicles at 7821 Route 71.

At the January 22, 2020, Kendall County Regional Planning Commission meeting, six (6) neighbors expressed opposition to the proposal. They were concerned about increased lighting, traffic safety on Route 71, the desire to keep the area rural, leaks of motor vehicle related fuels and oils, the impact of leaks on local wells, a lack of screening or buffering, and concerns about abandoned vehicles on the property. The Kendall County Regional Planning Commission recommended denial of the proposal with all seven (7) members present voting against the proposal; two (2) members of the Commission were absent.

As noted in the attached email, the Petitioner would like to work with neighbors to address their concerns. The Petitioner requested that the hearing be continued until the March 2, 2020 Kendall County Zoning Board of Appeals meeting.

Staff has no objections to this request.

If you have any questions regarding this request, please let me know.

Thanks.

MHA

Enc.: January 23, 2020 Smrz Email Redacted

Matt Asselmeier

Ron Smrz

From:

Sent: To: Subject:	Thursday, January 23, 2020 3:12 PM Matt Asselmeier [External]Re: [Extern
Maria	
	questing an extension for petition 19-34 for the ZBA meeting on Jan 27,2020 to the e to make changes to my site plan by my engineer. I will present my changes to you
- C	as i get them from my engineer. The changes will be to the landscape and lighting ald Smrz
Matt: I apprecia making resolves any iss with flat tires and trashe	
	happen per county regulations that i have agreed to all vehicles in good repair and s, cargo trailers of any kind which you did explain and i appreciated very much. There
confusion detailed explanation of shorten the hours from 6	even though you read the details and we have a site plan. I will have a more visual my plan at the next meetings to eliminate the misunderstandings. I am willing to 6:30am
1994, 19 5	due to the lighting requirements by the county. I am willing to abide by all county to permit. Thank you Ron
Matt: We will g	at 10:10 PM Ron Smrz < who wrote: go with non-motorized camp vehicles only, eliminating any fuel or oil issues. Still keep ave daylight hours from sunrise to sunset. Can we eliminate the lights all together if i
during da ft high. I believe this w know and if there are, i have accomplished ev next meetings to get m have fulfilled the requi	aylight hours?. I will plant evergreen trees around entire 1 acre parcel 20 ft apart 4 to 8 will resolve all the neighbors issues. If there are any issues with these please let me who i need to contact with the county to get this resolved. I believe verything required of me by the county and the neighbors issues to move forward at the y permit passes. Please allow me to make these changes due to i rements of the county and i have accommodated the neighbors wishes. Thank you Ronge in contact with you Monday. I will take these changes to the next meetings.
	t 9:23 AM Ron Smrz < > wrote: > wrote: > wrote:
On Fri, Jan 17, 2020 a	at 10:31 AM Matt Asselmeier < masselmeier@co.kendall.il.us > wrote:
Ron:	•
Here is the link to the	Report that was sent to the Regional Planning Commission this morning,

https://www.co.kendall.il.us/wp-content/uploads/Petition-19-34.pdf.

MINUTES – UNOFFICIAL UNTIL APPROVED KENDALL COUNTY

ZONING BOARD OF APPEALS MEETING

111 WEST FOX STREET, Room 209 and 210 YORKVILLE, IL 60560 January 27, 2020 – 7:00 p.m.

CALL TO ORDER

Chairman Randy Mohr called the Zoning Board of Appeals meeting to order at 7:00 p.m.

ROLL CALL:

Members Present: Scott Cherry, Karen Clementi, Cliff Fox, Tom LeCuyer, Randy Mohr, and Dick

Whitfield

Members Absent: Dick Thompson

Staff Present: Matthew Asselmeier, AICP, Senior Planner

Others Present: Dan Kramer, Emily Hoffmann, Michael Cook, Deb Chow, and Pat Colaric

PETITIONS

The Zoning Board of Appeals started their review of Petition 19-34 at 7:00 p.m.

Petition 19 – 34 – Ronald Smrz on Behalf of the Bank of Lyon Trust

Request: Special Use Permit for a Storage of Motor Vehicles, Boats, Trailers, and Other

Recreational Vehicle Business

PINs: 02-35-151-003

Location: 7821 Route 71, Oswego Township

Purpose: Petitioner Wants to Operate a Storage Business on the Subject Property;

Property is Zoned A-1 with a Special Use Permit

Mr. Asselmeier summarized the request.

Ron Smrz, on behalf of Bank of Lyon Trust, applied for a special use permit for outdoor storage of motor vehicles, boats, trailers, and other recreational vehicles at 7821 Route 71.

At the January 22, 2020, Kendall County Regional Planning Commission meeting, six (6) neighbors expressed opposition to the proposal. They were concerned about increased lighting, traffic safety on Route 71, the desire to keep the area rural, leaks of motor vehicle related fuels and oils, the impact of leaks on local wells, a lack of screening or buffering, and concerns about abandoned vehicles on the property. The Kendall County Regional Planning Commission recommended denial of the proposal with all seven (7) members present voting against the proposal; two (2) members of the Commission were absent.

The Petitioner would like to work with neighbors to address their concerns. The Petitioner requested that the hearing be continued until the March 2, 2020 Kendall County Zoning Board of Appeals meeting.

Staff has no objections to this request.

Mr. Asselmeier noted that this proposal will be reviewed by the Yorkville Planning Commission on February 12, 2020.

Chairman Mohr opened the public hearing at 7:02 p.m.

Member Clementi made a motion, seconded by Member LeCuyer, to lay over this Petition to March 2, 2020.

The votes were as follows:

Ayes (6): Cherry, Clementi, Fox, LeCuyer, Mohr, and Whitfield

Nays (0): None Absent (1): Thompson

The motion passed.

Chairman Mohr recessed the public hearing at 7:02 p.m.

The Zoning Board of Appeals completed their review of Petition 19-34 at 7:02 p.m.

ADJOURNMENT OF THE ZONING BOARD OF APPEALS

Member Cherry made a motion, seconded by Member Fox, to adjourn. With a voice vote of six (6) ayes, the motion passed. The Zoning Board of Appeals meeting adjourned at 8:17 p.m.

The next hearing/meeting will be on March 2, 2020.

Respectfully submitted by, Matthew H. Asselmeier, AICP Senior Planner

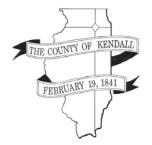
Exhibits

- 1. Memo on Petition 19-34 Dated January 24, 2020
- 2. Certificate of Publication and Mailings for Petition 19-34 (Not Included with Report but on file in Planning, Building and Zoning Office).

KENDALL COUNTY ZONING BOARD OF APPEALS JANUARY 27, 2020

In order to be allowed to present any testimony, make any comment, engage in cross-examination, or ask any question during this public hearing, you must enter your name, address, and signature on this form prior to the commencement of the public hearing. By signing this registration sheet, you agree that you understand that anything you say will be considered sworn testimony, and that you will tell the truth, the whole truth and nothing but the truth.

but the truth.			
NAME	ADDRESS	\wedge	SIGNATURE
Dan Kromen	19-37/19-38/15-39		
MIKE COOK			•
	12		



DEPARTMENT OF PLANNING, BUILDING & ZONING

111 West Fox Street • Room 204 Yorkville, IL • 60560 (630) 553-4141 Fax (630) 553-4179

MEMORANDUM

To: Kendall County Zoning Board of Appeals From: Matthew H. Asselmeier, AICP, Senior Planner

Date: January 24, 2020

Re: Petition 19-34 Request for a Special Use Permit for Outdoor Storage at 7821 Route 71 in

Oswego Township- Petitioner Requests a Layover

Ron Smrz, on behalf of Bank of Lyon Trust, applied for a special use permit for outdoor storage of motor vehicles, boats, trailers, and other recreational vehicles at 7821 Route 71.

At the January 22, 2020, Kendall County Regional Planning Commission meeting, six (6) neighbors expressed opposition to the proposal. They were concerned about increased lighting, traffic safety on Route 71, the desire to keep the area rural, leaks of motor vehicle related fuels and oils, the impact of leaks on local wells, a lack of screening or buffering, and concerns about abandoned vehicles on the property. The Kendall County Regional Planning Commission recommended denial of the proposal with all seven (7) members present voting against the proposal; two (2) members of the Commission were absent.

As noted in the attached email, the Petitioner would like to work with neighbors to address their concerns. The Petitioner requested that the hearing be continued until the March 2, 2020 Kendall County Zoning Board of Appeals meeting.

Staff has no objections to this request.

If you have any questions regarding this request, please let me know.

Thanks.

MHA

Enc.: January 23, 2020 Smrz Email Redacted

Matt Asselmeier

Ron Smrz

From:

Sent: To: Subject:	Thursday, January 23, 2020 3:12 PM Matt Asselmeier [External]Re: [Extern
Maria	
	questing an extension for petition 19-34 for the ZBA meeting on Jan 27,2020 to the e to make changes to my site plan by my engineer. I will present my changes to you
- C	as i get them from my engineer. The changes will be to the landscape and lighting ald Smrz
Matt: I apprecia making resolves any iss with flat tires and trashe	
	happen per county regulations that i have agreed to all vehicles in good repair and s, cargo trailers of any kind which you did explain and i appreciated very much. There
confusion detailed explanation of shorten the hours from 6	even though you read the details and we have a site plan. I will have a more visual my plan at the next meetings to eliminate the misunderstandings. I am willing to 6:30am
1994, 19 5	due to the lighting requirements by the county. I am willing to abide by all county to permit. Thank you Ron
Matt: We will g	at 10:10 PM Ron Smrz < who wrote: go with non-motorized camp vehicles only, eliminating any fuel or oil issues. Still keep ave daylight hours from sunrise to sunset. Can we eliminate the lights all together if i
during da ft high. I believe this w know and if there are, i have accomplished ev next meetings to get m have fulfilled the requi	aylight hours?. I will plant evergreen trees around entire 1 acre parcel 20 ft apart 4 to 8 will resolve all the neighbors issues. If there are any issues with these please let me who i need to contact with the county to get this resolved. I believe verything required of me by the county and the neighbors issues to move forward at the y permit passes. Please allow me to make these changes due to i rements of the county and i have accommodated the neighbors wishes. Thank you Ronge in contact with you Monday. I will take these changes to the next meetings.
	t 9:23 AM Ron Smrz < > wrote: > wrote: > wrote:
On Fri, Jan 17, 2020 a	at 10:31 AM Matt Asselmeier < masselmeier@co.kendall.il.us > wrote:
Ron:	•
Here is the link to the	Report that was sent to the Regional Planning Commission this morning,

https://www.co.kendall.il.us/wp-content/uploads/Petition-19-34.pdf.

KENDALL COUNTY REGIONAL PLANNING COMMISSION

Kendall County Office Building Rooms 209 & 210 111 W. Fox Street, Yorkville, Illinois

Unapproved - Meeting Minutes of January 22, 2020 - 7:00 p.m.

Chairman Ashton called the meeting to order at 7:01 p.m.

ROLL CALL

Members Present: Bill Ashton, Roger Bledsoe, Tom Casey, Bill Davis, Dave Hamman, Karin McCarthy-

Lange, Larry Nelson, and Claire Wilson

Members Absent: Karin McCarthy-Lange and Ruben Rodriguez

Staff Present: Matthew H. Asselmeier, Senior Planner

Others Present: Ron Smrz, Dan Kramer, Emily Hoffmann, Michael Cook, Deb Chow, Pat Colaric, Sylvia

Torto, Mike Torto, Len Pfaff, Laurie Pfaff, Ron Zier, Zach, Morerod, and Kyle Breyne

APPROVAL OF AGENDA

Member Bledsoe made a motion, seconded by Member Casey, to approve the agenda. With a voice vote of seven (7) ayes, the motion carried.

APPROVAL OF MINUTES

Member Bledsoe made a motion, seconded by Member Davis, to approve the minutes of the October 23, 2019 meeting. With a voice vote of seven (7) ayes, the motion carried.

PUBLIC HEARING

19-37 John Dollinger on Behalf of Hansel Ridge, LLC

The Kendall County Regional Planning Commission started their review of this Petition at 7:02 p.m.

Mr. Asselmeier summarized the Petition.

Hansel Ridge, LLC would like an amendment to the Future Land Use Map contained in the Land Resource Management Plan for approximately eighteen point seven more or less (18.7 +/-) acres located on the northern half of the property currently addressed as 195 Route 52. If approved, the Petitioner would like to rezone the property to allow an athletic facility and a storage business to be located on the property; both of these requests were submitted as separate petitions.

The application materials were provided. A map showing the property was provided; the northern portion of the property is the subject of this Petition.

The adjacent land uses were agricultural or agricultural related. The adjacent zonings were agricultural or agricultural with a special use permit. The Land Resource Management Plan calls for the area to be Suburban Residential and Public/Institutional. The zonings within one half (1/2) mile were agricultural or agricultural with a special use permit.

Pictures of the property were provided.

The property owner is not requesting a change in the Future Land Use Map for the southern twenty-one more or less (21 +/-) acres of their property. Their property will remain classified as Public/Institutional on the Future Land Use Map.

Minooka School District 111 owns the adjacent properties to the north and west of the subject property.

The A-1 special use to the north is for a church. The A-1 special use to the south is for a fertilizer and grain storage operation. The A-1 special use to the west appears to be for an airstrip. The property at 276 Route 52 has a special use permit for a landscaping business.

Seven (7) existing houses are within one half (1/2) mile of the subject property.

Petition information was sent to Seward Township on October 21, 2019. The Seward Township Planning Commission reviewed this request at their meeting on January 14, 2020. Concerns were expressed regarding traffic congestion and the potential for increased vehicular accidents. Discussion also occurred regarding drainage. The property's proximity to Shorewood and its location were the reasons for seeking the change to the Land Resource Management Plan and for the requested map amendments and special use permits. The Seward Township Planning Commission recommended approval of the request. The minutes of this meeting are included were provided.

The Seward Township Board reviewed this request at their meeting on January 14, 2020. They echoed the concerns of the Seward Township Planning Commission regarding traffic and drainage. The Seward Township Board recommended approval of the request. The minutes of this meeting were provided.

Petition information was sent to the Village of Shorewood on October 21, 2019. The Village of Shorewood submitted an email on January 6, 2020, stating that they were in discussions with the Petitioner and would have further review at the Village's February 5th Planning and Zoning Commission meeting. This email was provided.

The Troy Fire Protection District has no objections to commercial uses as this location.

ZPAC reviewed this proposal at their meetings on November 5, 2019, and January 7, 2020. At the November 5th meeting, discussion occurred regarding well and septic service at the site. The Petitioner agreed to a right-of-way dedication along the County Line Road frontage. At the January 7th meeting, the Petitioner provided updated septic information and updated traffic information. The final size of the detention pond had yet been determined. The Petitioner was working on a pre-annexation agreement with Shorewood that would allow the Village to annex the property when the property becomes contiguous to the Village. It was noted that the Village of Shorewood would like the special use to apply to only the storage portion of the property and that the acreage between the storage units and County Line Road be zoned business without a special use permit and that a formal subdivision occur. The Petitioner agreed to a sixty foot (60') right-of-way dedication as measured from the centerline of County Line Road including a ten foot (10') dedication for utilities. It was also noted that the Village of Shorewood requested the removal of some fencing and the reorientation of some of the storage buildings. It was noted that the landscaping plan and signage plan required more definition. ZPAC recommended forwarding the proposal to the Kendall County Regional Planning Commission without objection; two (2) members were absent. The minutes of these meetings were provided.

The Village of Shorewood's Future Land Use Map calls for this property to be Commercial and Government/Institutional.

Will County gives deference to the Village of Shorewood. Will County favors suburban development, whether that be commercial or residential, in this area.

The subject property was originally planned to be a future school location. The southern portion of the subject property and the property immediately to the north of the subject property are both planned to be Public/Institutional. In addition, the property to the west and the property to the north are both owned by the Minooka School District 111. A school could still be placed in the area. Therefore, uses that support and that are not in conflict with educational related uses, including many commercial uses, could be placed on the subject property.

Because commercial uses require site plan approval, because the Village of Shorewood's Comprehensive Plan calls for this property to be Commercial, and because many commercial uses could be placed on the subject property that would complement education uses, Staff recommends approval of the requested change.

Chairman Ashton opened the public hearing at 7:10 p.m.

Member Davis asked if any of the farm buildings would be removed. Dan Kramer, Attorney for the Petitioner, responded no; the farm buildings are not located on the portion of the property under consideration for the map change.

Pat Colaric, County Line Road, requested clarification of the request. Mr. Asselmeier explained that the existing Future Land Use Map calls for this property to be Public/Institutional. The Petitioner would like to rezone the property to commercial uses. One (1) of the criteria used to evaluate the rezoning from agricultural to business was consistency with the Land Resource Management Plan. The Petitioner needs the Future Land Use Map changed in order to have the rezoning request be consistent with the Land Resource Management Plan. Chairman Ashton said that the zoning portion of the request will occur later in the meeting. Mr. Colaric was concerned about commercial uses in the area because of traffic concerns.

Member Hamman asked if Minooka School District had any input on the proposal. Mr. Asselmeier responded that Minooka School District owns the property to the west and to the north of the subject property. The School District still has plans to use their property for educational purposes. The School District was notified of the hearing.

Dan Kramer, Attorney for the Petitioner, testified that the southern portion of the property would not be sold as part of the requested rezoning. Mr. Kramer explained the types of sports teams that would use the athletic facility. The athletic facility would have an indoor baseball field. The School District favors the idea. This facility would be four (4) times bigger than the facility on Galena Road. Mr. Kramer requested approval of the amendment to the Land Resource Management Plan.

Chairman Ashton adjourned the public hearing at 7:16 p.m.

Member Nelson made a motion, seconded by Member Casey, to recommend approval of Petition 19-37.

The votes were as follows:

Ayes (7): Ashton, Bledsoe, Casey, Davis, Hamman, Nelson, and Wilson

Nays (0): None

KCRPC Meeting Minutes 1.22.20

Absent (2): McCarthy-Lange and Rodriguez

The motion carried. The proposal goes to the Zoning Board of Appeals on January 27, 2020.

The Kendall County Regional Planning Commission concluded their review of Petition 19-37 at 7:17 p.m.

PETITIONS

19-34 Ronald Smrz on Behalf of the Bank of Lyon Trust

Mr. Asselmeier summarized the request.

Ron Smrz, on behalf of Bank of Lyon Trust, would like to establish a storage business for boats and RVs at the subject property. The application material and amended site plan were provided. The Petitioner updated the site plan in December to address stormwater management concerns.

The property was granted a special use permit for the retail sale of nursery stock through Ordinance 1985-10, a copy of which was provided. This proposal will not impact the existing special use permit.

The property is approximately seventeen (17) acres in size, but the special use area is approximately one (1) acre in size.

The current land use is agricultural. The future land use is rural residential. Route 71 is a State maintained highway and is considered a Scenic Route at the subject property. Yorkville has a trail planned along Route 71. There is a farmable wetland on the property consisting of approximately a tenth (0.1) of an acre. The adjacent land uses are agricultural, single-family residential, and farmstead. The adjacent zonings are A-1, A-1 SU, R-1, R-3, and R-3 PUD. The Land Resource Management Plan calls for the area to be rural residential. The nearby zonings are A-1, A-1 SU, A-1 BP, R-3, RPD-2, and R-3 PUD.

The special use permit to the north is for a campground. The special use permit to the east is for a landscaping business.

Lyon Farm is located south of the subject property.

The Richard Young and Lyon Forest Preserves are in the vicinity.

The aerial of the property was provided.

Pictures of the property were provided.

EcoCat submitted on June 6, 2019, as part of the Wetland Delineation Report and found the Fox River INAI Site and Yorkville Seep INAI Site in the area. The entire Wetland Delineation Report was provided. The Petitioner submitted a formal EcoCat on December 23, 2019, and no negative impacts were foreseen.

NRI application submitted on August 2, 2019. The NRI Report was not available.

Oswego Township was emailed the original information on September 24, 2019. The revised site plan was emailed on December 31, 2019.

The Bristol-Kendall Fire Protection District was emailed the original information on September 24, 2019. The revised site plan was emailed on December 31, 2019.

The United City of Yorkville was emailed the original information on September 24, 2019. The revised site plan was emailed on December 31, 2019. Yorkville will be reviewing this proposal at their February meetings.

ZPAC met on this proposal on October 1, 2019. Discussion occurred at that meeting regarding obtaining a variance to the Stormwater Management Ordinance. In the ensuing months, the Petitioner decided not to pursue the variance and amended the site plan to meet the requirements of the Kendall County Stormwater Management Ordinance. ZPAC reviewed the revised site plan at their meeting on January 7, 2020, and recommended approval of the proposal with no objections. The minutes of the October ZPAC meeting were provided. The minutes of the January ZPAC meeting were provided.

According to revised site plan, the Petitioner plans to offer rental space for fifty-one (51) parking stalls which is down from the two hundred (200) rental units in the original proposal. The proposed hours of operation are daily from 6:00 a.m. until 9:00 p.m.

Prospective renters would meet with the Petitioner at the property at a pre-arranged time to view the property, sign a contract, and receive their access code. The Petitioner plans to use the existing storage building as the office for the business.

The Petitioner and his wife would be the only employees of the business.

No new structures are planned for the property. A new occupancy permit might be required for the existing storage building.

The location of the well was shown on the proposed site plan south of the existing house. No bathrooms or potable water sources would be available to patrons of the storage business.

The Petitioner indicated that the storage area would have a gravel base.

The site plan shows the proposed use to be away from the farmable wetland.

The Petitioner plans to monitor the site for motor vehicle related leaks and would remove contaminated gravel from the property.

The property fronts Route 71 and an existing access point off of Route 71 exists.

The Illinois Department of Transportation provided comments regarding this proposal. A new access permit will be required.

Parking will occur in the gravel areas east of the existing building.

The Petitioner provided a lighting plan showing six (6) new light poles, each twenty feet (20') in height. The lighting plan was provided.

The Petitioner plans to install a sign along Route 71. The sign must meet all of requirements of the Kendall County Zoning Ordinance and must not be illuminated.

The Petitioner plans to remove the three (3) existing Norway Spruce trees. The Petitioner plans to plant seven (7) evergreens that will be between approximately four feet and six feet (4'-6') in height at the time of planting. The evergreens will be placed southeast of the parking area. The evergreens will be planted by the end of May 2020. A vegetative swale is also planned for south of the parking area.

The Petitioner indicated that the storage area will have a chain-link fence around the storage area. The fence is planned to be six feet (6') in height.

There will be a twenty foot (20') wide automatic gate on the east side of the storage area to control access to the area. The lock on the gate will be timed to prevent patrons from accessing the property during non-business hours. The gate will be adjacent to the shed.

A security monitoring system will also be installed with cameras on the shed shown.

The Petitioner agreed to provide the Sheriff's Department and Bristol-Kendall Fire Protection District with a passcode to access the gate.

No information was provided regarding noise control.

No new odors are foreseen.

While very little trash or litter is expected to be generated by the proposed, no plans for litter control were provided.

If approved, this would be the fifth active special use permit for this type of storage in unincorporated Kendall County.

The Petitioner currently resides in the house on the property.

The Petitioner agreed that all items stored on the property would remain licensed and in good working order.

The Petitioner agreed to follow the Kendall County Inoperable Vehicle Ordinance and the Junk and Debris Ordinance. The Petitioner also agreed that none of the vehicles stored as part of the special use permit would be for agricultural purposes.

The proposed Findings of Fact were as follows:

That the establishment, maintenance, or operation of the special use will not be detrimental to or endanger the public health, safety, morals, comfort, or general welfare. The operation of the special use will not be detrimental to the public health, safety, morals, comfort, or general welfare provided that the operator of the business allowed by this special use permit develops the site according to the submitted site plan, follows the agreed upon hours of operation, has a plan to address motor vehicle related leaks, and follows the Kendall County Inoperable Vehicle Ordinance and related ordinances.

That the special use will not be substantially injurious to the use and enjoyment of other property in the immediate vicinity for the purposes already permitted, nor substantially diminish and impair property values within the neighborhood. The Zoning classification of property within the general area of the property in question shall be considered in determining consistency with this standard. The proposed use shall make adequate provisions for appropriate buffers, landscaping, fencing, lighting, building materials, open space and other improvements necessary to insure that the proposed use does not adversely impact adjacent uses and is compatible with the surrounding area and/or the County as a whole. Provided that the business operates as proposed, no injury should occur to other property and property values should not be negatively impacted.

That adequate utilities, access roads and points of ingress and egress, drainage, and/or other necessary facilities have been or are being provided. This is true. The Illinois Department of Transportation has not expressed any

concerns regarding this use locating at this property. The business will not have any restroom facilities or drinking water facilities for patrons. The Petitioner will have to secure a stormwater management permit.

That the special use shall in all other respects conform to the applicable regulations of the district in which it is located, except as such regulations may in each instance be modified by the County Board pursuant to the recommendation of the Zoning Board of Appeals. This is true.

That the special use is consistent with the purpose and objectives of the Land Resource Management Plan and other adopted County or municipal plans and policies. True, the proposed use in consistent with an objective found on Page 6-34 of the Kendall County Land Resource Management Plan which calls for "a strong base of agricultural, commercial and industrial uses that provide a broad range of job opportunities, a healthy tax base, and improved quality of services to County residents" through the encouragement ". . . of locally owned businesses."

Staff recommends approval of the requested special use permit for a storage facility for motor vehicles, boats, trailers, and other recreational vehicles subject to the following conditions and restrictions:

- 1. The site shall be developed substantially in accordance with the attached site plan, landscaping plan, and lighting plan.
- 2. The operator(s) of the business allowed by this special use permit shall plant the vegetation identified in the landscaping plan by the end of May 2020.
- 3. One (1) non-illuminated sign may be installed on the subject property in substantially the location shown on the site plan.
- 4. The motor vehicles, boats, trailers, and other recreational vehicles stored on the premises may be stored outdoors.
- 5. None of the motor vehicles, boats, trailers or other recreational vehicles stored on premises shall be considered agricultural equipment as they relate to the business allowed by this special use permit.
- 6. All of the motor vehicles, boats, trailers, and other recreational vehicles stored on the premises shall be maintained in good working order and shall be licensed.
- 7. The hours of operation for the business allowed by this special use permit shall be daily from 6:00 a.m. until 9:00 p.m. The operator(s) of the business allowed by this special use permit may reduce these hours of operation.
- 8. The maximum number of employees for the business allowed by this special use permit shall be two (2), including the business owners.
- 9. The operator(s) of the business allowed by this special use permit shall diligently monitor the property for motor vehicle related leaks and shall promptly and properly dispose and replace any gravel contaminated by such leaks.
- 10. The operator(s) of the business allowed by this special use permit shall provide the Kendall County Sheriff's Department and Bristol-Kendall Fire Protection District with passcodes to the gate upon the request of these agencies.
- 11. The operator(s) of the business allowed by this special use permit acknowledge and agree to follow Kendall County's Right to Farm Clause.
- 12. The conditions and restrictions contained in Ordinance 1985-10 pertaining to the retail sale of nursery stock shall remain valid, enforceable, and separate from the conditions and restrictions for the special use permit for a storage facility for motor vehicles, boats, trailers, and other recreational vehicles.

- 13. The operator(s) of the business allowed by this special use permit shall follow all applicable Federal, State, and Local laws related to the operation of this type of business.
- 14. Failure to comply with one or more of the above conditions or restrictions could result in the amendment or revocation of the special use permit.
- 15. If one or more of the above conditions is declared invalid by a court of competent jurisdiction, the remaining conditions shall remain valid.

Member Hamman asked about the lights. Mr. Asselmeier responded the site plan shows six (6) lights, twenty feet (20') in height. Member Hamman asked if the lights would be on all the time. Ron Smrz, Petitioner, stated the lights would be turned off when the business is closed.

Member Wilson asked about the landscaping business. Mr. Smrz responded that the property still has a special use permit for a landscaping business, but he did not operate the business.

Member Wilson asked about the type of fence. Mr. Smrz responded a chain linked fence.

Member Wilson asked about the distance from neighbors. Mr. Smrz responded several hundred feet.

Mr. Smrz lives on the premises.

Discussion occurred regarding the County's lighting regulations. Mr. Asselmeier noted the light poles were proposed at the maximum height, no light would cross the property line, and no neighboring property owner would see the light source. Having the lights off when the business during non-operational hours will be added as a condition.

Member Hamman asked if the Historical Society. Mr. Smrz responded that the Historical Society was sent notices.

Sylvia Torto expressed concerns about the lights and the view of vehicles stored on the property. She also expressed concerns about vehicles pulling in and out of the property.

Len Pfaff did not want a commercial business in the area. He expressed concerns about fuel leaks and noise. He would like the area to stay rural.

Ron Zier loves the rural atmosphere of the area. He does not favor lights or vehicles at the property.

Zack Morerod expressed concerns about his ability to resell his property if the proposed use occurs at the subject property.

Mike Torto echoed the concerns of his fellow neighbors. He would like additional landscaping on the north side of the subject property.

Mr. Smrz proposed to install additional trees. The original plan called for more trees, but they were removed as part of the stormwater control of the site.

Member Hamman asked about Route 71 improvements. Mr. Smrz stated that he would have full access at his property. The existing perimeter trees would be removed by the Illinois Department of Transportation and Mr. Smrz would request that the removed trees be replaced.

Mr. Smrz noted that his original proposal was much larger than what he is currently proposing.

Discussion occurred about installing a berm on the property.

Discussion occurred about the definitions of motor vehicles, recreational vehicle, and self-storage facility and mini-warehouse facility. Mr. Asselmeier read these definitions from the Zoning Ordinance. Member Wilson suggested a restriction not allowing semis, cargo containers, and the like not be stored on the property.

Member Wilson asked about leak control. Mr. Smrz described the method for soaking the leak and removing the gravel. Member Wilson expressed concerns that leaks might not be discovered immediately.

Mr. Asselmeier read the email from the Illinois Department of Transportation.

Concerns were expressed about derelict and abandoned vehicles, boats, and campers.

Zack Morerod asked if Commissioners would want this use in their backyards.

Laurie Pfaff expressed concerns about fuel leaks and well contamination. She also expressed concerns about increased lighting.

Chairman Ashton noted that the storage of recreational vehicles and boats are not allowed in some places in Kendall County.

Member Nelson suggested that the special use be tied to the Petitioner and not the land. Mr. Smrz opposed having the special use go away if he sold the property.

Discussion occurred about indoor storage. Upon review, none of the existing special use permits for this type of storage allows outside storage in the A-1 District.

Discussion occurred about the scenic route designation. The view shed area was not defined.

Chairman Ashton asked if the Petitioner wanted to table the request. The Petitioner asked for a vote.

Member Wilson made a motion, seconded by Member Nelson, to recommend approval of Petition 19-34.

The votes were as follows:

Ayes (0): None

Nays (7): Ashton, Bledsoe, Casey, Davis, Hamman, Nelson, and Wilson

Absent (2): McCarthy-Lange and Rodriguez

The motion failed. The proposal goes to the Zoning Board of Appeals on January 27, 2020.

Member Wilson voted no because she wished that the Petitioner had talked to his neighbors at the beginning of the process. She felt the use was more appropriate in an industrial or business park. She was also concerned about potential leaks at the site.

Chairman Ashton concurred with Member Wilson's reasons for recommending denial.

19-38 John Dollinger on Behalf of Hansel Ridge, LLC and Jason Shelley on Behalf of Goproball, LLC Mr. Asselmeier summarized the request.

Goproball, LLC would like to purchase the subject property and construct an indoor baseball and soccer facility on the subject property. The site plan was provided.

Based on the original information submitted to the County, the property owner, Hansel Ridge, LLC, would like to sell the northern eighteen point seven more or less (18.7 +/-) acres for the proposed athletic facility and for an indoor and outdoor storage facility. The proposed athletic facility would be located on approximately nine point one-nine (9.19) acres on the northwest side of the property with a strip of land providing access to Line Road.

County Line Road is a Township Road classified as an Arterial.

There are no trails or floodplains or wetlands on the subject property.

The adjacent land uses are agricultural with a fertilizer and grain operation at the southwest corner of Route 52 and County Line Road. The adjacent zonings and zonings within one half (1/2) mile are A-1 or A-1 SU. The Kendall County Land Resource Management Plan calls for the property to the north and south to be Public/Institution and Suburban Residential. The property to the west is classified as Suburban Residential. The Will County Land Resource Management Plan calls for the property to the east to be Suburban Development. The Village of Shorewood's Comprehensive Plan calls for this property to be Commercial and Government/Institutional. Minooka School District 111 owns the property to the north and west and plans to use that property for educational purposes.

The aerial of the property and pictures of the property were provided.

The A-1 special use to the north is for a church. The A-1 special use to the south is for a fertilizer and grain storage operation. The A-1 special use to the west appears to be for an airstrip. The property at 276 Route 52 has a special use permit for a landscaping business.

Seven (7) existing houses are within one half (1/2) mile of the subject property.

EcoCAT Report submitted and consultation was terminated.

The application for NRI was submitted on September 26, 2019. The NRI Report was not available.

Petition information was sent to Seward Township on October 21, 2019. The Seward Township Planning Commission reviewed this request at their meeting on January 14, 2020. Concerns were expressed regarding traffic congestion and the potential for increased vehicular accidents. Discussion also occurred regarding drainage. The property's proximity to Shorewood and its location were the reasons for seeking the change to the Land Resource Management Plan and for the requested map amendments and special use permits. The Seward Township Planning Commission recommended approval of the request. The minutes of this meeting were provided.

The Seward Township Board reviewed this request at their meeting on January 14, 2020. They echoed the concerns of the Seward Township Planning Commission regarding traffic and drainage. The Seward Township Board recommended approval of the request. The minutes of this meeting were provided.

Petition information was sent to the Village of Shorewood on October 21, 2019. The Village of Shorewood submitted an email on January 6, 2020, stating that they were in discussions with the Petitioner and would have

further review at the Village's February 5th Planning and Zoning Commission meeting. This email was provided.

The Troy Fire Protection District has no objections to commercial uses as this location.

ZPAC reviewed this proposal at their meetings on November 5, 2019, and January 7, 2020. At the November 5th meeting, discussion occurred regarding well and septic service at the site. The Petitioner agreed to a right-of-way dedication along the County Line Road frontage. At the January 7th meeting, the Petitioner provided updated septic information and updated traffic information. The final size of the detention pond had yet been determined. The Petitioner was working on a pre-annexation agreement with Shorewood that would allow the Village to annex the property when the property becomes contiguous to the Village. It was noted that the Village of Shorewood would like the special use to apply to only the storage portion of the property and that the acreage between the storage units and County Line Road be zoned business without a special use permit and that a formal subdivision occur. The Petitioner agreed to a sixty foot (60°) right-of-way dedication as measured from the centerline of County Line Road including a ten foot (10°) dedication for utilities. It was also noted that the Village of Shorewood requested the removal of some fencing and the reorientation of some of the storage buildings. It was noted that the landscaping plan and signage plan required more definition. ZPAC recommended forwarding the proposal to the Kendall County Regional Planning Commission without objection; two (2) members were absent. The minutes of these meetings were provided.

Per State law, map amendments cannot be conditioned. However, Section 13.10 of the Kendall County Zoning Ordinance requires that commercial site plans be approved by the Kendall County ZPAC.

The Petitioner desires the map amendment in order to construct an indoor athletic facility.

Goproball, LLC provided a business plan. As noted in the business plan, they would have between twenty (20) and forty (40) part-time employees with no more than four (4) to six (6) employees onsite. They have fifteen (15) existing traveling baseball teams and hope to expand to twenty-five (25) teams within the next five (5) years. They would also like to use the facility to attract other sports including girls soccer and softball. They would have a concession area and rehabilitation services would be provided onsite. The proposed hours of operation are between 8:00 a.m. and midnight. The proposed facility is approximately sixty-nine thousand, three hundred (69,300) square feet and will have a parking area to the east.

Any new structures would require applicable building permits.

The property will access County Line Road. County Line Road has an eighty thousand (80,000) pound weight restriction. Depending on the uses, additional right-of-way could be necessary and the Petitioner was agreeable to a right-of-way dedication as part of a special use permit.

No new odors are foreseen, but the site plan for future commercial activities on the site should be examined to address odors.

The parking lot will have lights. Security lighting will also be installed. Commercial establishments could have additional lights and illuminated signage on the building and associated with monument signage. The site plan of commercial establishments should be evaluated to address lighting.

Any fencing or buffering should be evaluated as part of the site plan review process.

The original site plan showed two detention ponds. The Petitioners indicated that the stormwater plans could be altered as part of the adjoining special use permit. Development on the site would require stormwater management permits.

Electricity is nearby. New well and septic information would have to be evaluated as part of the building permit process. The Petitioners provided septic plan information.

The proposed Findings of Fact were as follows:

Existing uses of property within the general area of the property in question. The surrounding properties are used agricultural or uses similar to agricultural uses such as farmsteads and fertilizer operations.

The Zoning classification of property within the general area of the property in question. The surrounding properties are zoned A-1 or A-1 with a special use.

The suitability of the property in question for the uses permitted under the existing zoning classification. The property is presently zoned A-1 and can be used for farming.

The trend of development, if any, in the general area of the property in question, including changes, if any, which may have taken place since the day the property in question was in its present zoning classification. The Zoning Board of Appeals shall not recommend the adoption of a proposed amendment unless it finds that the adoption of such an amendment is in the public interest and is not solely for the interest of the applicant. The Zoning Board of Appeals may recommend the adoption of an amendment changing the zoning classification of the property in question to any higher classification than that requested by the applicant. For the purpose of this paragraph the R-1 District shall be considered the highest classification and the M-2 District shall be considered the lowest classification. The trend of development in the area is stable with residential growth and special uses normally found in agricultural zoned areas.

Consistency with the purpose and objectives of the Land Resource Management Plan and other adopted County or municipal plans and policies. The Future Land Use Map in the Land Resource Management Plan classifies this property as Public/Institutional because Minooka School District #111 plans to construct a school on the property to the west. The Village of Shorewood's Future Land Use Map calls for this property to be Commercial and Government/Institutional. The property owner of the subject property submitted an application to reclassify the property as Commercial on the Future Land Use Map contained in the Kendall County Land Resource Management Plan. If this reclassification amendment to the Land Resource Management Plan is approved, then the proposed map amendment would be consistent with the purpose and objectives of the Land Resource Management Plan.

Provided that the amendment to the Land Resource Management Plan is approved reclassifying the subject property as Commercial, Staff recommended approval of this requested map amendment.

Dan Kramer, Attorney for the Petitioner, provided a history of the evolution of the project. He noted that the Health Department approved the well and septic plans. Mr. Kramer noted that a subdivision would occur at the site; there would be no additional access cuts on County Line Road. The stormwater detention ponds might be merged into one (1) pond.

Member Davis asked where the nearest sanitary sewer service was located. Mr. Kramer stated that the nearest sanitary sewer was at least one (1) mile away from the site.

Discussion occurred about the traffic safety at the intersection of Route 52 and County Line. Mr. Kramer clarified the minutes from Seward Township saying that the Petitioners cannot solve the traffic problem at the intersection. He noted that traffic for the athletic facility will be directed to Baltz Road.

Pat Colaric stated the proposal will exacerbate the traffic problems in the area. He would like to see the area stay rural. He would rather see the athletic facility than houses.

Member Nelson made a motion, seconded by Member Davis, to recommend approval of Petition 19-38.

The votes were as follows:

Ayes (7): Ashton, Bledsoe, Casey, Davis, Hamman, Nelson, and Wilson

Nays (0): None

Absent (2): McCarthy-Lange and Rodriguez

The motion carried. The proposal goes to the Zoning Board of Appeals on January 27, 2020.

19-39 John Dollinger on Behalf of Hansel Ridge, LLC, Jason Shelley on Behalf of Goproball, LLC, and James and Denise Maffeo

Dan Kramer, Attorney for the Petitioner, requested that the Petition be laid over until the February 26, 2020, meeting in order to obtain an updated site plan.

Without objection, the Commission laid over the Petition as requested.

19-47 Deb Chow on Behalf of Jade Restorations, Inc. and D. Howard on Behalf of Bullmastiff Construction Company, LTD

Mr. Asselmeier summarized the request.

Jade Restorations, Inc. is working with Bullmastiff Construction Company to construct a kennel and veterinary clinic at the subject property. At this time, Jade Restorations, Inc. has no plans to sell the subject property.

The application material was provided. The site plan, landscaping plan, photometric plan, and proposed building information were provided.

The property is approximately twenty (20) acres in size, but the special use portion would cover approximately eight point five (8.5) acres.

The future land use is commercial.

Ridge Road is a County Road classified as an Arterial Road. Bell Road is a Township Road classified as a Minor Collector. Minooka has a trail planned along Ridge Road. Shorewood has a trail planned along Bell Road.

The adjacent land uses are agricultural in all directions with a farmstead and landscaping business to the west.

The adjacent zonings are A-1 and A-1 SU. There is R-1 zoning within one half (1/2) mile to the east. There are twelve (12) homes located within one half (1/2) mile of the subject property. The special uses to the north and south are landing strips. The special use to the east is for natural gas compression. The special use to the west is for a landscaping business.

There are twelve (12) homes located within one half (1/2) mile of the subject property.

The special uses to the north and south are landing strips. The special use to the east is for natural gas compression. The special use to the west is for a landscaping business.

The aerial of the property was provided.

EcoCat submitted on December 5, 2019, and consultation was terminated.

NRI application submitted on December 18, 2019. The NRI Report was not available.

Seward Township was emailed information on December 31, 2019. The Seward Township Planning Commission reviewed this request at their meeting on January 14, 2020. Concerns were expressed regarding drainage and traffic. The property's location and availability were the reasons for seeking the special use permit. The Seward Township Planning Commission recommended approval of the request. The minutes of this meeting was provided.

The Seward Township Board reviewed this request at their meeting on January 14, 2020. They echoed the concerns of the Seward Township Planning Commission regarding traffic and drainage. The Seward Township Board recommended approval of the request. The minutes of this meeting was provided.

The Minooka Fire Protection District was emailed information on December 31, 2019. They wanted the Petitioners to be aware of the new State kennel regulations regarding staffing and sprinkling requirements. The Minooka Fire Protection District's email was provided.

The Village of Shorewood was emailed information on December 31, 2019. The Village of Shorewood expressed concerns about noise. The Village of Shorewood's email was provided.

The Village of Minooka was emailed information on December 31, 2019.

ZPAC reviewed this proposal at their meeting on January 7, 2020. Discussion occurred about the soil analysis in relation to the well and septic system. The Highway Department was satisfied with the proposed right-of-way dedication for Ridge Road. The Petitioner will finalize hours of operation, the timeline for landscaping installation, and frequency of refuse pick-up. ZPAC recommended forwarding the proposal to the Kendall County Regional Planning Commission without any objections. The minutes of this meeting were provided.

According to the information provided to the County, the Petitioners plan to offer veterinary services, pet daycare, boarding, and grooming services. The proposed normal hours of operation for both uses will be Monday through Friday from 6:00 a.m. until 7:00 p.m. and Saturday and Sunday from 7:00 a.m. until 7:00 p.m. The veterinary establishment may be open beyond these hours of operation to handle medical emergencies. The maximum number of employees will be seventy (70), including part-time employees. The kennel will be staffed at all times. Overlap in employees will occur. Grooming services will be provided as needed. The maximum number of animals planned for the kennel is eighty (80). Per the Kendall County Zoning Ordinance, all animals will be indoors by sunset.

As noted in the site plan, the Petitioners plan to construct an approximately eighteen thousand (18,000) square foot building facing south towards Bell Road. The proposed location of the building on the property was placed in accordance to the setback requirements of the Kendall County Zoning Ordinance.

Elevations of the building were provided. A rendering of the site was provided.

The building shall consist of waiting areas for grooming and exams, eight (8) exam rooms, a treatment room with pharmacy area, two (2) surgery rooms, an X-ray room, a recovery room, two (2) isolation rooms, a doctor's room, a staff room, a janitorial room, a cat boarding room, three (3) bathrooms, a laundry area, a

grooming area, a store, a storage area, a groom kennel, two (2) play areas, a pool, and a boarding kennel area. The building is planned to be slightly over twenty-three feet (23') tall at its highest point and made of metal.

Two (2) approximately twelve thousand (12,000) square foot outdoor play areas are planned on both sides of the kennel wing of the building. A six foot (6') tall cedar fence would be located around the outdoor play area.

Building and Occupancy Permits will be required for the new building.

The site plan shows one (1) raised septic field west of the building and parking lot and one (1) raised septic field south of the parking lot. The proposed well would be located east of the building.

The site plan shows two (2) wet detention ponds on the north side of the subject property. A dual-phase restricted stormwater detention outlet is planned to discharge stormwater at the northwest corner of the site into ditches along the east side of Ridge Road.

If the special use permit is approved, the Petitioners would need to secure a stormwater management permit from Kendall County.

The property fronts Bell Road and two (2) points of ingress/egress are planned from Bell Road.

The Petitioners plan to dedicate right-of-way for a depth of fifty feet (50') along the entire Bell Road frontage of the property and a depth of seventy-five feet (75') along the entire Ridge Road side of the property.

The Petitioners propose to install a fifty-two (52) stall parking lot to the south and east of the building. Three (3) of the spaces would be handicapped accessible.

The Petitioners plan to install six (6) lights along the driveway and in the parking lot. The lights will be LED and on poles a maximum twenty feet (20') in height. There will be an additional eight (8) building mounted lights at various locations around the exterior of the building. Lighting information can be found on the photometric plan.

The Petitioners plan to have one (1) monument sign along Bell Road and one (1) monument sign along Ridge Road. Both signs are planned to be four feet by eight feet (4'X8') and a maximum of eight feet (8') in height. Neither sign will be illuminated.

Per the landscaping plan, the Petitioners plan to install thirty-eight (38) shade trees of various types, seventy-eight (78) evergreen trees of various types, sixty-eight (68) evergreen shrubs of various types, two hundred eighty-two (282) deciduous shrubs of various types, and one hundred fifteen (115) perennials of various types. In addition, a wet-to-mesic prairie seed mix is planned around the stormwater detention ponds.

Berms are planned along the west, east, and southeast corner of the property. An additional berm is planned south of the parking lot. The berms will vary in height from three feet (3') to seven feet (7').

A topsoil stockpile area is planned east of the parking lot.

Noise will be addressed with soundproofing of the building, the fence mentioned previously, the installation of trees and berms, and having the animals indoors by sunset.

The Petitioners plan to install a refuse enclosure at the northern end of the eastern parking lot. The screening shall be either of wood or masonry construction at least seven feet (7') in height. The Petitioners also indicated that they may screen the refuse area with a chain link fence and dense plantings.

If approved, this would be the sixth active special use permit for a kennel and second active special use for a veterinary establishment in unincorporated Kendall County.

The proposed Findings of Fact were as follows:

That the establishment, maintenance, or operation of the special use will not be detrimental to or endanger the public health, safety, morals, comfort, or general welfare. The operation of the special use will not be detrimental to the public health, safety, morals, comfort, or general welfare. The immediately adjacent properties are also zoned A-1 or A-1 with a special use permit. In addition, the site plan shows a six foot (6') tall fence around the outdoor play area. The proposed building will be soundproofed. The proposed landscaping and berming should also reduce noise coming from the property. The Petitioners intend to follow the Kendall County Zoning Ordinance as it relates to having all pets inside by dusk.

That the special use will not be substantially injurious to the use and enjoyment of other property in the immediate vicinity for the purposes already permitted, nor substantially diminish and impair property values within the neighborhood. The Zoning classification of property within the general area of the property in question shall be considered in determining consistency with this standard. The proposed use shall make adequate provisions for appropriate buffers, landscaping, fencing, lighting, building materials, open space and other improvements necessary to insure that the proposed use does not adversely impact adjacent uses and is compatible with the surrounding area and/or the County as a whole. The Petitioners plan to install fencing and security lighting. The Petitioners agreed to have animals indoors by sunset. The proposed hours of operation will also prevent injury to neighboring land uses.

That adequate utilities, access roads and points of ingress and egress, drainage, and/or other necessary facilities have been or are being provided. This is true. Adequate ingress and egress will be provided off of Bell Road. The Petitioners will have to secure applicable permits related to stormwater, well, and septic systems.

That the special use shall in all other respects conform to the applicable regulations of the district in which it is located, except as such regulations may in each instance be modified by the County Board pursuant to the recommendation of the Zoning Board of Appeals. True, the Petitioners are not requesting any variances.

That the special use is consistent with the purpose and objectives of the Land Resource Management Plan and other adopted County or municipal plans and policies. True, the proposed use is consistent with an objective found on Page 6-34 of the Kendall County Land Resource Management Plan which calls for "a strong base of agricultural, commercial and industrial uses that provide a broad range of job opportunities, a healthy tax base, and improved quality of services to County residents" through the encouragement ". . . of locally owned businesses."

Staff recommended approval of the requested special use permit for a kennel and veterinary establishment subject to the following conditions and restrictions:

- 1. The site shall be developed substantially in accordance with the attached site plan, landscaping plan, and photometric plan.
- 2. Within sixty days (60) days of approval of this special use permit ordinance, the property owners shall convey land to Kendall County and Seward Township for Ridge Road and Bell Road right-of-way in the locations and depths shown on the Right-of-Way Plat of Dedication.

- 3. The use allowed by this special use permit shall be located a minimum of two hundred fifty feet (250') from the lot line of lots zoned residential or shown as Residential on the Land Resource Management Plan (LRMP) map and One Hundred Fifty Feet (150') from Lots Zoned Other Than Residential or Shown on the LRMP Map as non-residential.
- 4. Two (2) non-illuminated signs may be installed on the subject property in substantially the locations shown on the site plan.
- 5. All vegetation and berms shall be installed within six (6) months of the opening of either the kennel or veterinary establishment at the subject property. The businesses shall be considered open on the date when the Kendall County Planning, Building and Zoning Department issues a certificate of occupancy for the building. Damaged or dead vegetation shall be replaced on a timeframe approved by the Kendall County Planning, Building and Zoning Department.
- 6. A maximum of eighty (80) pets may be kenneled on the subject property at any time.
- 7. All pets shall be indoors between the hours of sunset and sunrise except for the purposes of owners dropping-off and picking-up pets.
- 8. In the event that the kennel operations cease at the property, the veterinary business allowed by this special use permit may not board animals overnight except for medical treatment and observations.
- 9. The normal hours of operation for the businesses allowed by this special use permit shall be Monday through Friday from 6:00 a.m. until 7:00 p.m. and Saturday and Sunday from 7:00 a.m. until 7:00 p.m. The operator(s) of the business allowed by this special use permit may reduce these hours of operation. Pets experiencing medical emergencies at the kennel may be tended to outside the hours of operation. The veterinary establishment may be open beyond the hours of operation listed to handle medical emergencies.
- 10. The maximum combined number of employees for the businesses allowed by this special use permit shall be seventy (70), including the business owners.
- 11. Refuse shall be removed from the subject property at least one (1) time per week or as necessary to prevent litter or odors from emanating from the subject property.
- 12. Any construction on the property related to the businesses allowed by this special use permit shall not be considered as agricultural purposes and shall secure applicable permits.
- 13. The operator(s) of the businesses allowed by this special use permit may sell ancillary items related to their operations.
- 14. The operator(s) of the businesses allowed by this special use permit acknowledge and agree to follow Kendall County's Right to Farm Clause.
- 15. The operator(s) of the businesses allowed by this special use permit shall follow all applicable Federal, State, and Local laws related to the operation of these types of businesses.
- 16. Failure to comply with one or more of the above conditions or restrictions could result in the amendment or revocation of the special use permit.
- 17. If one or more of the above conditions is declared invalid by a court of competent jurisdiction, the remaining conditions shall remain valid.

Chairman Ashton asked about the fire hydrant. Mike Cook, Cook Engineering Group, responded that wet basins north of the site would be used as the water source. The hydrant would be a dry hydrant; the suggestion was made to change the plans to reflect the hydrant as a dry hydrant. The building will be sprinklered.

Member Davis made a motion, seconded by Member Hamman, to recommend approval of Petition 19-39 with the conditions proposed by Staff.

Member Casey asked about the animals that will be served at the site. Deb Chow responded that a horse rescue was planned for the back of the property in addition to the dog daycare.

Member Wilson asked if any of the Petitioners were veterinarians. Ms. Chow responded that her son is in veterinary school.

Discussion occurred about animals being indoors by sunset. It was noted that the business would close at 7:00 p.m.

Member Davis made a motion, seconded by Member Hamman, to recommend approval of Petition 19-47 with the conditions proposed by Staff.

The votes were as follows:

Ayes (7): Ashton, Bledsoe, Casey, Davis, Hamman, Nelson, and Wilson

Nays (0): None

Absent (2): McCarthy-Lange and Rodriguez

The motion carried. The proposal goes to the Zoning Board of Appeals on January 27, 2020.

Discussion occurred about the number of employees and the traffic impacts of those employees.

CITIZENS TO BE HEARD/ PUBLIC COMMENT

None

NEW BUSINESS

Member Nelson made a motion, seconded by Member Casey, to nominate Bill Ashton for the position of Chairman. No additional nominees were presented. With a voice vote of seven (7) ayes, the motion carried.

Member Nelson made a motion, seconded by Chairman Ashton, to nominate Ruben Rodriguez for the position of Vice Chairman. No additional nominees were presented. With a voice vote of seven (7) ayes, the motion carried.

Member Wilson made a motion, seconded by Chairman Ashton, to nominate Larry Nelson for the positions of Treasurer and Secretary. No additional nominees were presented. With a voice vote of seven (7) ayes, the motion carried.

Member Nelson made a motion, seconded by Chairman Ashton, to nominate Matt Asselmeier for the position of Recording Secretary. No additional nominees were presented. With a voice vote of seven (7) ayes, the motion carried.

Appointments to Comprehensive Land Plan and Ordinance Committee

Chairman Ashton announced the appointments to the Comprehensive Land Plan and Ordinance Committee as follows: Larry Nelson (Chairman), Chairman of the Kendall County Regional Planning Commission or Their Designee (Bill Ashton), Chairman of the Kendall County Zoning Board of Appeals or Their Designee (Randy Mohr), Chairman of the Kendall County Board or Their Designee (Scott Gryder), Chairman of the Kendall County Planning, Building and Zoning Committee or Their Designee (Matthew Prochaska), Megan Andrews, and Jeff Wehrli.

Annual Meeting-February 1, 2020 at 9:00 a.m.

The Commission reviewed the draft agenda for the Annual Meeting.

OLD BUSINESS

Update on Zoning Ordinance Project

Mr. Asselmeier reported that Comprehensive Land Plan and Ordinance Committee has completed their review of the Zoning Ordinance and the proposal will be advanced in sections with the intention of having the entire proposal enacted on December 1st.

REVIEW OF PETITIONS THAT WENT TO COUNTY BOARD

Petition 19-26, regarding the landscaping business at 276 Route 52, was approved by the County Board. Several Commissioners noted that burning was occurring on the property and that the property owners were not taking care of the property.

Petition 19-31, regarding cannabis zoning regulations, was approved by the County Board.

Petition 19-35, regarding a kennel at 3601 Plainfield Road, was approved by the County Board.

OTHER BUSINESS/ANNOUNCEMENTS

Mr. Asselmeier reported that the text amendment to the Zoning Ordinance pertaining to citation authority, hearing officer, and fines will be on the February agenda. The owner of the property where ServPro was previously located submitted an application for a text amendment and special use permit for a trucking business at the property. However, the owner is also considering requesting a change to the Land Resource Management Plan and a map amendment at the property.

ADJOURNMENT

Member Casey made a motion, seconded by Member Hamman, to adjourn. With a voice vote of seven (7) ayes, the motion passed. The Kendall County Regional Plan Commission meeting adjourned at 9:35 p.m.

Respectfully submitted by, Matthew H. Asselmeier, AICP Senior Planner

Enc.

KENDALL COUNTY REGIONAL PLANNING COMMISSION JANUARY 22, 2020

IF YOU WOULD LIKE TO BE CONTACTED ON FUTURE MEETINGS REGARDING THIS TOPIC, PLEASE PROVIDE YOUR ADDRESS OR EMAIL ADDRESS

NAME	ADDRESS (OPTIONAL)	EMAIL ADDRESS (OPTIONAL)
Da Kramèr	1100 A S. Broke ST Gulble II. 60560	19-37 /A-38 /A-39
PAT COLARIE		
RON SMRZ		
By waterto	^	
Lei Pfyfi	1 . 1	
RON Ziés		
The More vol		
Mile		
Kyle Bronk		
Laurie Pfaff		

CITY OF YORKVILLE YEAR IN REVIEW 2019



Community Development Department February 12, 2020

Contents

- L. Executive Summary
- II. Building & Development
 - . Permits
 - **II.** Foreclosure Data
 - III. Current Development Projects
 - IV. Building Code Update
- III. Land Use Planning
 - . Applications & Petitions
 - II. Historic Analysis
- IV. Comprehensive Planning
 - Implementation Progress/Status
 - II. Downtown Overlay District
 - III. Neighborhood Design Manual
 - IV. Downtown Façade Program
 - V. Downtown Art Program
 - VI. Downtown Landscape Hill
 - VII. Unified Development Ordinance (UDO)
- V. Commissioner Training Series
- VI. Future Goals 2020

Executive Summary

Over the past year, the Community Development Department, which serves as the liaison between the City Council and the City's appointed boards/commissions that are tasked with reviewing development proposals and requests for certain relief of zoning standards, has had several major accomplishments to share. We also have worked to proactively address challenges that may have previously impeded the efficiency of the approval process for developers and remedy inconsistent or unduly burdensome regulations for our residents.

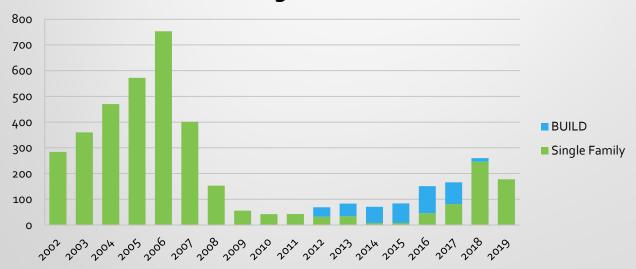
All efforts were done with an eye towards encouraging future growth and orderly development within Yorkville. Therefore, this report highlights the role the Planning and Zoning Commission (PZC) has had in achieving those accomplishments, as well as an introduction of goals for the year ahead which includes the following:

- There were a total of 2,143 Building Permits issued in 2019.
- **\$ 178 new residential housing starts.**
- Foreclosures continued a steady decline with 51 newly filed foreclosures in 2019.
- Large development projects recently approved, opened or under construction include: Holiday Inn Express, Martini Banquet Hall, Arby's, Morton Buildings and Lenny's Gas N Wash.
- There were 27 applications for various planning and zoning related requests filed in 2019.
- Continued implementation of the Comprehensive Plan with several projects underway, such as Downtown Art Program, Tactical Urbanism, Downtown Façade Program & Downtown Landscape Hill project.
- Unified Development Ordinance (UDO) Kick-Off
- 2018 International Council of Codes building code series adopted.

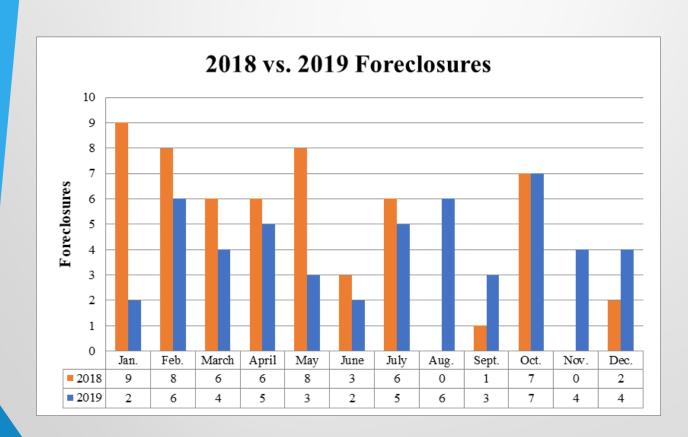
Buildings & Development

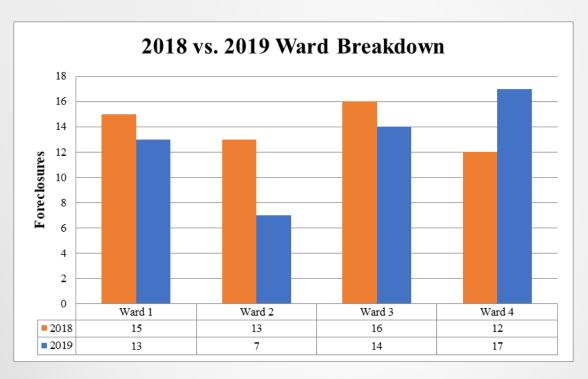
- Below are some highlights from the Community Development Department in calendar year 2019:
- Building permit figures:
 - 178 new housing starts (143 Single Family Detached and 35 Single Family Attached).
 - 2,143 total building permits issued in calendar year 2019.
 - Total permit fees collected (all types) \$1,857,999.71
 - Total Construction Value \$59,154,430.00
 - Average Single Family Detached permit construction value
 \$156,381.95

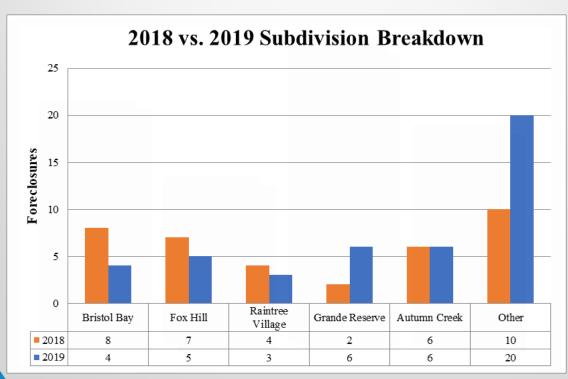
Building Permits Issued

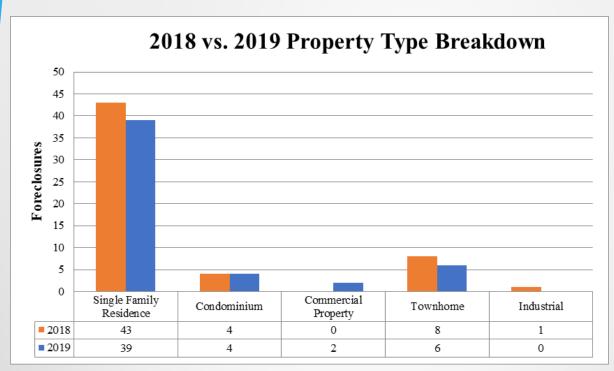


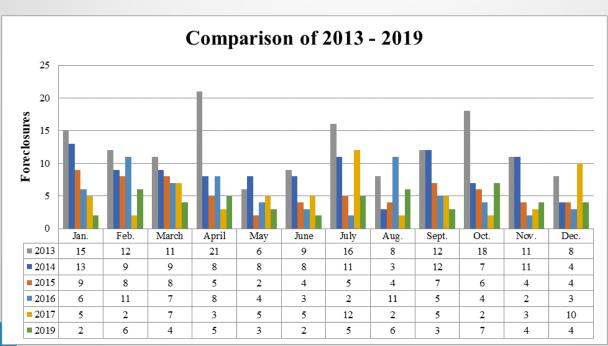
The number of total foreclosures from 2018 to 2019 decreased by approximately 9%. In total, there were 56 newly filed foreclosures in 2018 and 51 in 2019, a decrease by five (5) less filings. While this represents a marginal decline in new foreclosure filings, the overall effect appears to represent stabilization in the housing market for Yorkville.





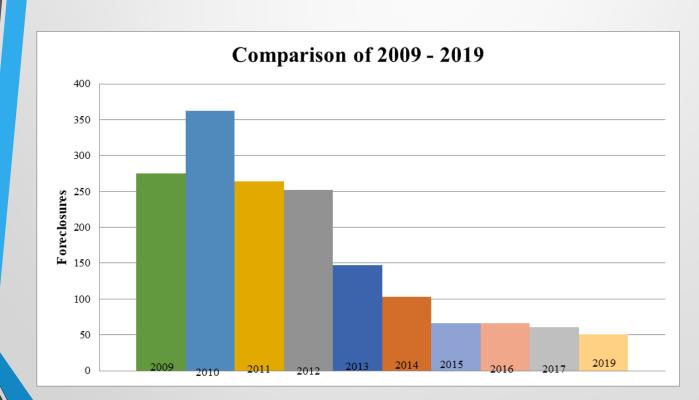






According to *RealtyTrac*, Illinois has a newly filed foreclosure rate of 1 in every 1,336 (down from 1 in every 1,420 in 2018). In 2019, Kendall County is no longer ranked in the top 5 counties with the highest rates of foreclosures in Illinois. While Kendall County had a newly filed foreclosure rate of 1 in every 840 homes, Yorkville faired slightly better with 1 foreclosure for every 872 homes, as of October 2019. Expectations are that the foreclosures will continue to level off or decrease in 2019. Below is a graph illustrating the trend of foreclosures in Yorkville for the past decade.

http://www.realtytrac.com/statsandtrends/foreclosuretrends/il



Current Development Projects

Holiday Inn Express

• Completion of the new four (4) story hotel occurred in winter 2019. The building consists of 93 rooms, meeting areas and indoor pool. Located within the Kendall Crossing development at the northwest corner of IL 47 (Bridge St) and US 34 (Veterans Pkwy), the hotel is part of the Countryside TIF.







Current Development Projects

Martini Banquet Hall

- A new two-story, 9,500 square foot banquet hall venue completed construction in late Summer 2019.
- The property consists of approximately 1.75 acres, and is generally located southwest of IL 71 (Stagecoach Trail) and Bridge Street (IL 47), in Yorkville, Illinois.





Arby's

A new 2,700 square foot fast food chain restaurant completed the approximately \$700,000 construction project in August 2019. The property is generally located northeast of US 34 (Veterans Parkway) and N. Bridge Street (IL 47), in Yorkville, Illinois.

Current Development Projects

Morton Buildings

• A new one-story, 7,000 square foot office and manufacturing building is was approved in 2019. The property consists of approximately 2 acres, and is located within the Yorkville Business District north of Boombah Boulevard, in Yorkville, Illinois.



Lenny's Gas N Wash

 Construction has begun on the recently approved 3.43-acre full-service gas station, car wash and convenience store project located north of Raging Waves at the northeast corner of N. Bridge Street (IL-47) and Waterpark Way, in Yorkville, Illinois.



Building Code Update

In Summer/Fall 2019, the update to the City's Building Code from the 2009 series of the International Code to the 2018 series was approved. The 2018 International Codes represent the most current comprehensive building standards available for the construction community.





2019 Applications & Petitions

During the calendar year of 2019, the United City of Yorkville's Plan Commission, Zoning Board of Appeal and now the Planning and Zoning Board reviewed a total of thirty-three (33) applications for various planning and zoning related requests.



APPLICATION FOR AGREEMENT AMENDMENT



APPLICATION FOR AGREEMENT AMENDMENT

STAGE 2: PLAN COUNCIL REVIEW

Petitioner may present the proposed amended plan to the of the Council include the Community Development Direct and Recreation, a Fire Department Representative, and a Provard to the Planning & Zoning Commission hearing.

STAGE 3: ECONOMIC DEVELOPMENT CO

Petitioner must present the proposed amendment agreer meets at 7:00 p.m. on the 1st Tuesday of each month in the to full Gity Council considerations and provide informal fee

STAGE 4: PLANNING & ZONING COMMI

Petitioner will attend a publichearing conducted by the Pla of the Month at 7:00pm. Notice will be placed in the Kend on the monitorial 200pin. Notice with property owners within thirty (30) days prior to the public hearing date. Twenty for the Community Development Department containing the Mailing Affidavit form is attached to this document and m

STAGE 5: CITY COUNCIL PUBLIC HEARIN

Petitioner will attend the City Council meeting where the 2nd and 4th Tuesdays of the month at 7:00pm. City Council

DORMANT APPLICATIONS

The Community Development Director shall determine if a the application is incomplete it will become dormant undo

- The petitioner has been notified of such deficienci
- The petitioner has not responded in writing to a rewithin six (6) months from the date of that request
- The petitioner has not responded to a request for l from the date of the request.

Withdiswal or termination of an application shall not afformed to the city. The balance of any funds deposited with 34,7-26-2011)

APPLICATION FOR AGREEMENT AMENDMENT

INTENT AND PURPOSE.

United City of Yorkville 800 Game Farm Road Yorkville, Illinois, 60560 Telephone: 630-553-7575 Website: www.yorkville.il.us

INTERLY AND PORTORS and Annual Institute of the Comment of the Comment of the Comments of the Comment of the Co original terms of the annexation or Planned Unit Development (PUD) Agreement occurs

This packet explains the process to successfully submit and complete an Application to Amend an Annecation or Planned Unit Development Agreement Hindurfes a detailed description of the process and the actual application itself. Flesse type the requied information in the application on your computer the application will need to be printed and signed by the petitioner. The only item that needs to be submitted to the City from this packet is the application. The creat of the packet is to help guide you through the process runs completion.

olete explanation of what is legally required throughout the Amendment process, please refer to "Title 10, Chapter 4, Section 10 Amendment of the Yorkville, Illinois Gty Code.

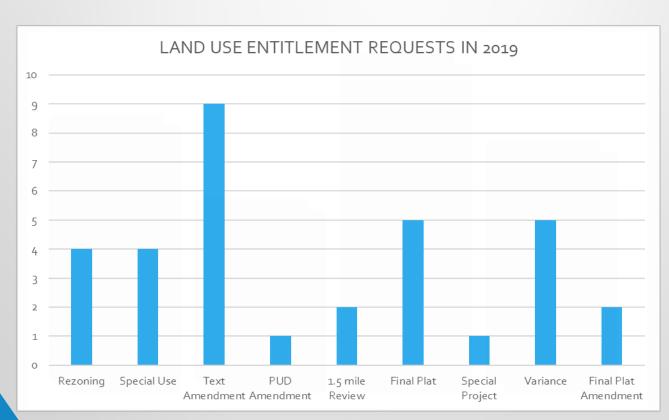
- · One (1) original signed application with legal description
- Three (3) 11"x 17" copies each of the exhibits, proposed drawings, location map, and site plan. Large items must be folded to fit in a 10"x 13" enve
- One (1) (D or portable USB drive containing one (1) electronic copy (pdf) of each of the following: signed application (complete with exhibits), pro
 posed drawings, location map, and site plan. A Microsoft World document with the legal description is also required.

Within one (1) week of submittal, the Community Development Department will determine if the aplication is complete or if additional information is needed. These materials must be submitted a minimum of forty five (45) days prior to the targeted Planning & Zoning Commission meeting. An incomplete

Petitioner will be responsible for payment of recording fees and public bearing costs, including written transcripts of the public hearing and outside consultant costs (i.e. legal review, land planner, zoning coordinator, environmental, et.s.). The petitioner will be required to establish a deposit account with the city to cover these fees. The Petitioner Deposit chround/Account/Accounted financial Repositability from is stated to this document and must be submitted.

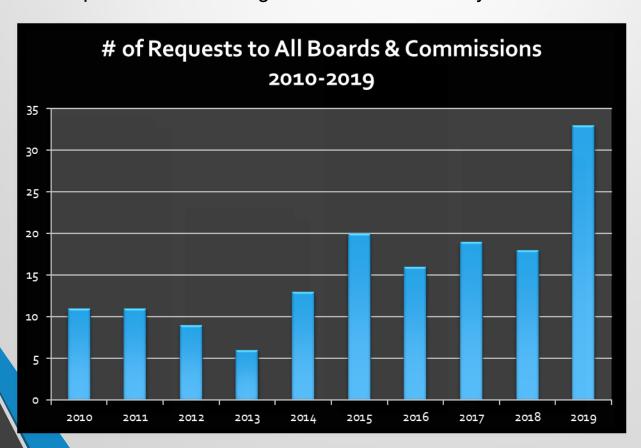
Number of Requests

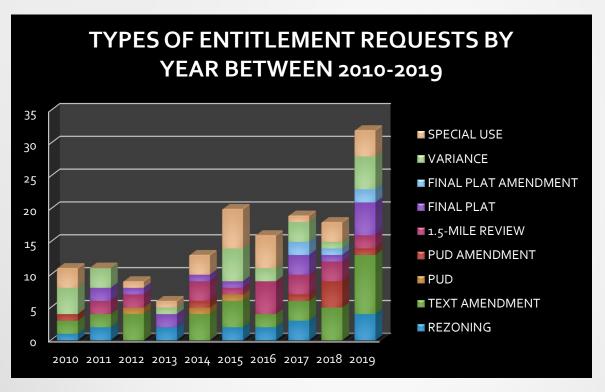
Over the past year, the Planning and Zoning Commission considered a totaled of 32 various land use entitlement requests and one (1) special project (Neighborhood Design Manual). The majority of these requests were text amendments (28%) which were primarily identification of new permitted uses (i.e., short-term rentals, accessory structures/uses, and adult-use cannabis) and creation of new regulations (i.e., Downtown Form-Based Code and Building Code Update).

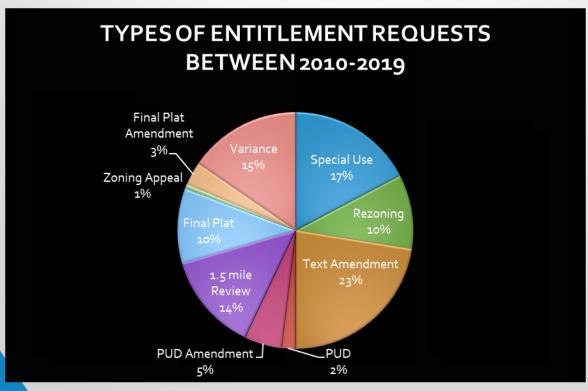


Historic Analysis of Entitlement Requests

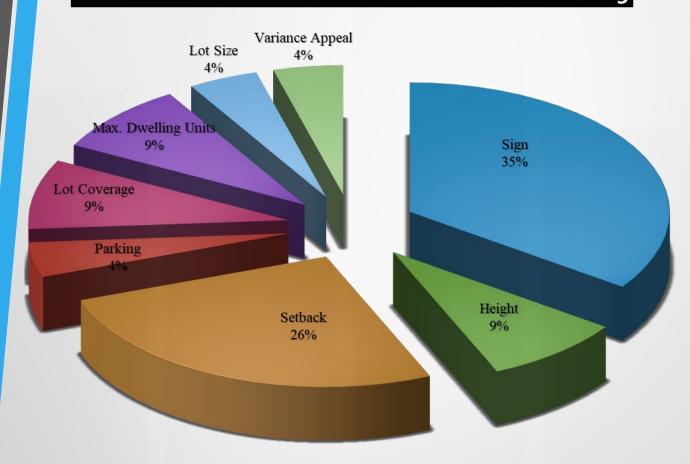
Staff undertook a historical analysis of the number and various types of entitlement requests applied for between 2006 and 2019 to see if there was any insight to be gained for future reference, such as the effectiveness of the most recent adoption of the Zoning Code update completed in November 2014 and preparation for the Unified Development Ordinance (UDO). There were a total of 156 cases reviewed by the various boards and commissions regarding land use entitlements during that period. The following data tables represents the findings of the historical analysis.





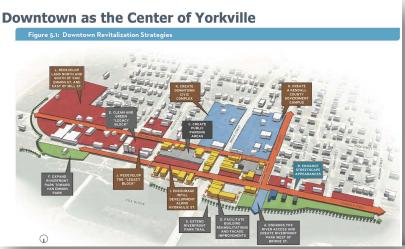


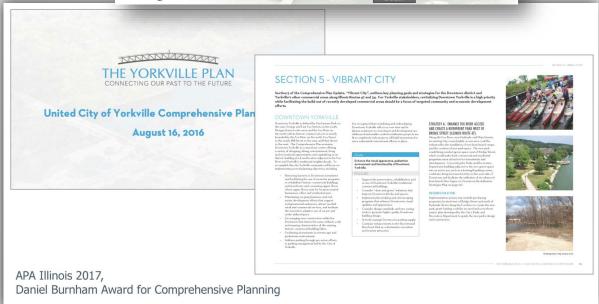
TYPE OF VARIANCE REQUESTS BETWEEN 2010-2019



Comprehensive Plan Implementation Update

As part of the 2016 Comprehensive Plan Update, several implementation goals were suggested to be completed within the first two (2) years as well as 3-10 years of adoption. Staff prepared a summary of those goals and their current status.





SECTION 9 - STEWARDSHIP AND IMPLEMENTATION

Implementation Chart: Vibrant City

Goal	Policies for Decisions Makers	Strategy/Initiative	Within 2 Years	3 - 10 Years +	Ongoing
	Support the preservation, rehabilitation, and re-use of Downtown Yorkville's traditional commercial buildings. Consider "clean and "green" initiatives that improve Downtown buildings, blocks and other spaces.	A. Enhance Fox River riverfront access and create a riverfront park west of Bridge Street (IL Route 47).	Х		X
		Enhance streetscape appearances and improve the walkability of Hydraulic, Main and Van Emmon Streets.	X		Χ
Enhance the visual appearance, pedestrian environment and functionality of Downtown Yorkville.	 Implement placemaking and streetscaping programs that enhance Downtown's visual 	C. Create public parking areas.	DOI	JE	Χ
TORNIUE.	qualities and appearance. Consider design standards and new zoning tools to promote higher quality Downtown building design. Actively manage Downtown's parking supply. Enhance Bicentennial Riverfront Park as a destination recreation and tourism attraction.	 Facilitate building rehabilitation and facade improvements. 	V DON	JE	Χ
		E. Clean and green the Legacy Block (Short- Term)	X		
		F. Expand Bicentennial Riverfront Park and Trail toward Van Emmon Park.	In-Pro	cess	
		G. Extend Bicentennial; Riverfront Park Trail.	In-Pro	cess	
		H. Create a Kendall County Government Campus.		Х	
Strengthen and promote Downtown Yorkville as the community's primary mixed-use shopping district.	Encourage and facilitate new commercial, institutional and mixed-use development on available opportunity sites. Address brownfield and environmental issues for targeted Downtown redevelopment sites. Manage Downtown Yorkville through effective business development and marketing efforts.	Facilitate infill development along Hydraulic Street.		Х	
		J. Redevelop the Legacy Block (Long-Term).		Х	
		Create a Downtown Civic Campus. Redevelop land north and south of Van Emmon Street East of Mill Street. M. Undertake active Downtown Yorkville management efforts		Х	
				, ·	
					Х
					X

ECTION 9 - STEWARDSHIP AND IMPLEMENTATION

Implementation Chart: Vibrant City

Goal	Policies for Decisions Makers	Strategy/Initiative	Within 2 Years	3 - 10 Years +	Ongoing
		Build out the Yorkville Marketplace Development.		Х	
Facilitate development of Yorkville's existing destination and neighborhood shopping areas.	 Facilitate commercial development on available sites and outparcels for both large format destination and neighborhood- 	Reposition Yorkville Crossing with a mix of destination commercial and residential uses.		Х	
	 scaled commercial activity. Consider alternative uses to retail on sites that are unlikely to be fully built-out as commercial centers. 	C. Develop remaining Kendall Marketplace outparcels.	In-Pro	cešs	Х
	Rezone for other uses remaining commercially-zoned land not likely to be	D. Facilitate development of the Parkway site.		Х	
	built out over the time horizon of this Comprehensive Plan. Encourage and facilitate high quality	E. Facilitate a grocery-anchored development near the Illinois Routes 47 and 71 intersection.		Х	
	building design and placemaking improvements in Yorkville's destination commercial areas.	F. Plan for neighborhood-oriented commercial development at the Illinois Route 47/Galena Road intersection.		Х	
	Plan for a future Metra Station TOD neighborhood.	 G. Plan for a Metra Station Transit-Oriented Development District. 	In-Pro	cess	Х
Attract new industries in existing and planned industrial areas.	Encourage infill industrial development in	A. Facilitate completion of the Yorkville Business Center Industrial Park.	√ 00l	٧E	
	existing industrial parks. Explore options for expanding and redeveloping existing Yorkville industrial	B. Encourage infill development within the Fox Industrial Park.			X
	 areas. Consider additional industrial areas along major transportation corridors. 	C. Redevelop and expand the Fox Industrial Park.		X	
	 Incorporate consistent urban design and placemaking elements as part of industrial developments in Yorkville. 	D. Develop the Lincoln Prairie industrial properties	In-Pro	cĕss	

SECTION 9 - STEWARDSHIP AND IMPLEMENTATION

		Implementation Chart: Yorkville Neighborho			
Goal	Policies for Decisions Makers	Strategy/Initiative	Years	3 - 10 Years +	Ongoing
	Support the maintenance and rehabilitation of Yorkville's traditional residential building stock.	A. Implement on-going neighborhood capital improvements.	In-Pr	ocess	X
Retain and enhance the character and livability of Yorkville's traditional neighborhoods.	Maintain and improve neighborhood infrastructure. Enhance connections to the Fox River	B. Prepare a neighborhood design manual.	V D(ONE	
	 Enhance connections to the Fox Kiver waterfront. Explore potential for landmarks and historic districts to brand Yorkville's historic residential center. 	 Explore a National Register District designation for Traditional Neighborhood areas. 	Х		
Facilitate completion of Yorkville subdivision developments in the Tiers 1 and 2 residential neighborhoods.	 Maintain an active inventory of shovel- ready lots with available infrastructure in the Tiers 1 and 2 subdivisions. 	A. Facilitate build out of Tier 1 subdivisions. B. Facilitate build out of Tier 2 subdivisions.	In:-Pr	ocess	X
	 Consider the creation of new and incentives to spur residential development activity in Tier 1 and 2 subdivisions. Recruit developers and contractors as necessary to complete active subdivisions. 		In-Pr	ocess	X
	Consider the re-platting of entitled subdivisions in Tier 3 and 4 subdivisions to with alternative subdivision design and housing products that meet local housing needs, including duplexes, townhomes, apartments, senior housing and conservation subdivisions. A. Reposition Tier 3 and 4 subdivisions to accommodate different land uses and housing accommodate different land uses and housing	Iň-P	roces	5 X	
Implement alternative land use and housing strategies in Tiers 3 and 4 residential neighborhoods		products.	In-Pr	ocess	X
	 Facilitate the re-zoning of certain Tier 3 and 4 subdivisions to lower density land uses, including open space and agricultural. 	product			

SECTION 9 - STEWARDSHIP AND IMPLEMENTATION

Implementation Chart: Yorkville Neighborhoods and Community Systems

Goal	Policies for Decisions Makers	Strategy/Initiative	Within 2 Years	3 - 10 Years +	Ongoing
Improve residential subdivision design and neighborhood physical appearances.	Update existing subdivision code and design standards.	A. Adopt conservation and estate residential subdivision codes.	In≚Pr	ocess	
	Adopt new subdivision design codes that encourage quality development and protect and preserve Yorkville's	Consider neo-traditional neighborhood design for certain residential neighborhoods.	In-Pr	ocess	X
	and protect and preserve Torkville's environmental assets.	Plan for future residential development in the Metra Station TOD District.	In-Pr	ocëss	
Maintain an efficient and functional Yorkville roadway network.	Continue building the community roadway network through new development and	Require developers to finance and construct new local and collector roadways in new developments.	In-Pr	ocess	Χ
	other state and local planned projects. • Monitor State and County-financed roadway projects for potential impacts on local land use.	Monitor planning for the future Eldamain Road Bridge and other planned State and County- owned roadway projects.	√ D(ONE	X
	 Update the bike trail plans to reflect near-term growth trends in residential development. 	A. Update the bike trail plan that consider on- street connections and bicycle facilities.	In≚Pr	ocess	
Yorkville transportation network accommodates various modes of transportation.	 Continue building the Yorkville trail system through a combination of both off and on- street paths. 	Conduct a comprehensive pedestrian crossings assessment, potentially as part of an updated bike trail plan.	In∗Pr	ocess	
	Enhance pedestrian crossings in key locations and continue installation of sidewalks in areas of need. Continue planning for a Metra Station TOD	C. Monitor Metra planning efforts regarding Yorkville station feasibility.	In-Pr	ocess	X

SECTION 9 - STEWARDSHIP AND IMPLEMENTATION

Implementation Chart; Community Systems

Goal	Policies for Decisions Makers	Strategy/Initiative	Within 2 Years 3 - 10 Years + Ongoing
Manage Downtown Yorkville's parking supply effectively and efficiently.	Assess and analyze Downtown parking conditions on a regular basis. Implement Downtown parking management initiatives that make more effective use of the existing parking supply while adding new public parking areas where and when needed.	Conduct a Downtown parking assessment and management study. Create Downtown parking facilities. C. Review and revise parking requirements.	✓DONE ✓DONE In*Process
Ensure City infrastructure systems are updated and modernized to meet the needs of current residents and future development.	Update the City water supply infrastructure plan. Coordinate sanitary system improvements with the Yorkville-Bristol Sanitary District Evaluate and plan for future sanitary line extensions in areas where future growth and development is expected.	A. Prepare an updated water supply infrastructure plan to accommodate system maintenance and future growth. B. Coordinate with the YBSD on preparation of a sanitary system and water main line expansion plan. C. Focus sanitary line extensions in areas of infill development and where growth is anticipated.	In-Process X In-Process X
Promote and implement an effective growth management practices.	Pursue new and updated boundary agreements with neighboring communities. Coordinate with Kendall County on annexations of subdivisions within Yorkville's extraterritorial jurisdiction.	Prepare and adopt boundary agreements with the Village of Millbrook and Joliet. Adopt a new planning boundary. Prepare an annexation plan for subdivisions within the extraterritorial jurisdiction.	In*Process DONE DONE X

SECTION 9 - STEWARDSHIP AND IMPLEMENTATION

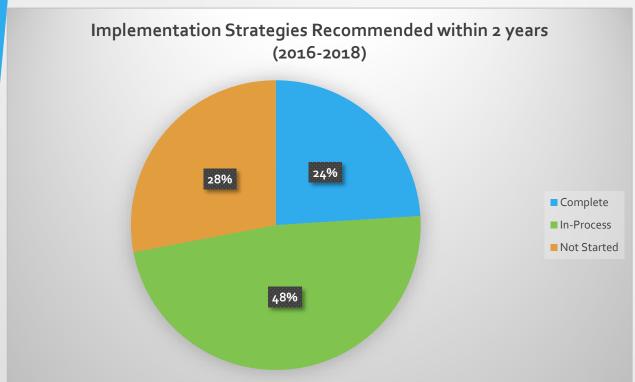
Implementation Chart: Community Systems and Corridors

Goal	Policies for Decisions Makers	Strategy/Initiative	Within 2 Years	3 - 10 Years +	Ongoing
Maintain an enhanced and well-preserved parks and open space system.		A. Update the Park and Recreation Department Master Plan.	X		
		B. Implement expansions to Bicentennial Riverfront Park.	X		
		C. Consider park and recreational facility expansion near the Raving Wave Water Park.	X		
	and recreational facilities that meet the needs of Yorkville residents. Integrate new park and open space elements wherever feasible in subdivision development. Consider establishment of a Yorkville Perk	possibilities in Yorkville's south side	In-Pr	ocess	Χ
			X		
		F. Explore public-private partnerships in the		Х	
		G. Institute a community gardens program.			X
		H. Establish a Yorkville Parks District.			Х

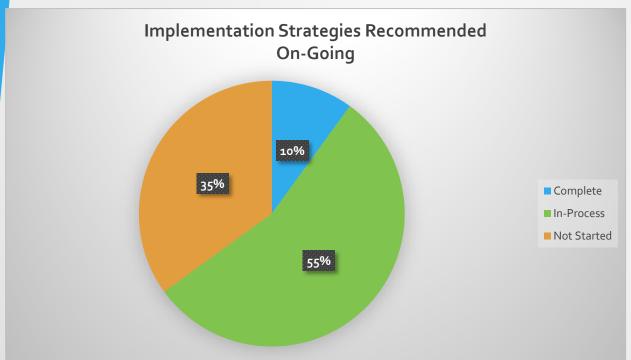
SECTION 9 - STEWARDSHIP AND IMPLEMENTATION

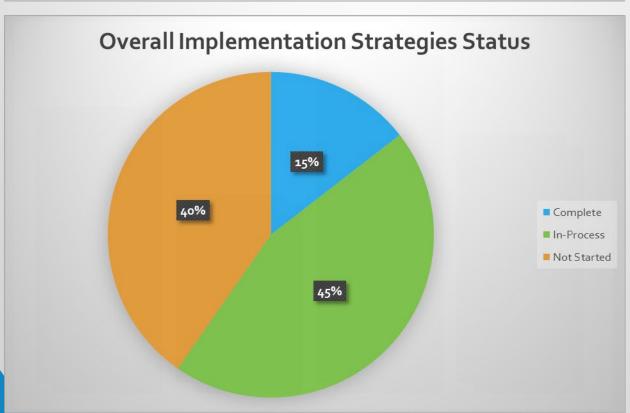
Implementation Chart: Corridors

Goal	Policies for Decisions Makers	Strategy/Initiative	Within 2 Years 3 - 10 Years +	Ongoing
	Concentrate new development in existing residential areas, commercial zones and		In-Process	X
Promote orderly growth along Illinois Route 47, and enhance and maintain the corridor's visual	industrial parks. Ensure that proposed new residential, business and industrial uses are compatible with surrounding areas and corridor character. Implement gateway, wayfinding, landscaping and other placemaking treatments. Promote high quality development design. Consider zoning overlays, new design		In-Process	X
environment and land use pattern. . Maintain the unique visual, scenic and			In*Process	X
environmental qualities of Eldamain Road while encouraging compatible development in appropriate locations.			In-Process	X
	standards or other tools to promote desired corridor character. Maintain the unique visual, scenic and • Support development options that enhance		In-Process	X
networks of open space, recreation, and environmentally-sensitive land.				X





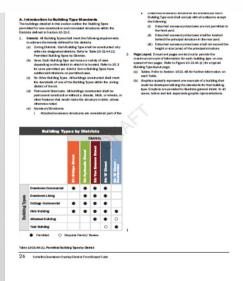


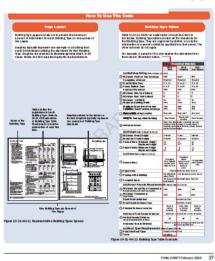


Downtown Overlay District

Creates concrete design guidelines and elements to enhance downtown redevelopment outcomes. Farr Associates hired to prepare the plan which begin in January 2018 and was adopted in Fall 2019.

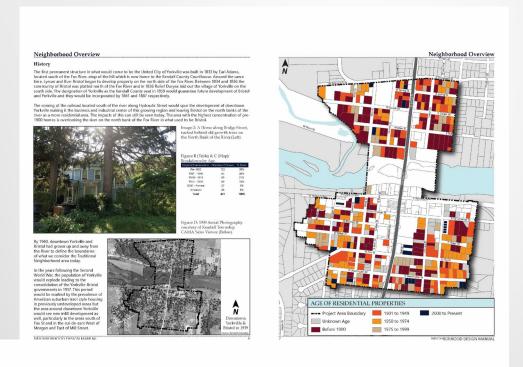




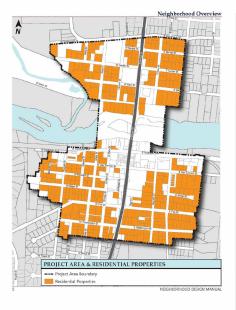


Neighborhood Design Manual

Manual encourages the conservation and preservation of the housing stock in the traditional neighborhood areas of Yorkville, as well as guide new housing construction that is in scale and character with adjacent housing.

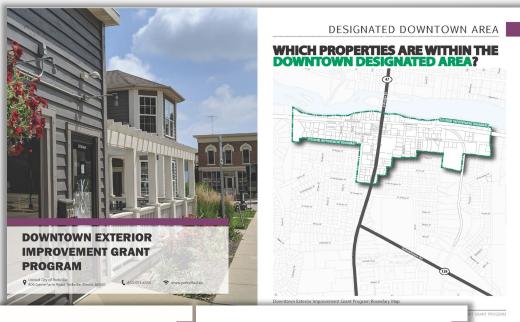


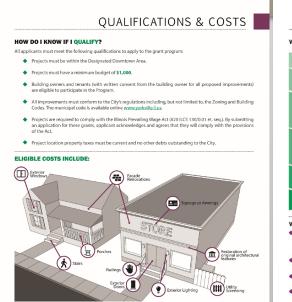




Downtown Façade Program

Grant program aimed at incentivizing property owners and businesses within the downtown to improve the exterior appearance of their buildings to help revitalize the area.





Payroll; Day-to-day operational costs (i.e. utilities, taxes); Refuse management; Production equipment; Any interio improvements; and Work completed before any program funds are approved

INFLIGIBLE COSTS INCLUDE:

APPLICATION & APPROVAL PROCESS IS THE APPLICATION PROCESS?

STEP 1

Contact the Community Development Department for program information and to determine project eligibility

Submit an application along with all other require documents. Applications will be accepted from January 1st to March 1st and be reviewed in the order in which they are received.

The Community Development Department will evaluate the application for compliance with program regulations. Upon completion, the City may request received in the community Development Department will evaluate the application for compliance with program regulations. Upon completion, the City may request received in the common shape been made, the application will be forwarded to the Economic Development Committee and City Council for consideration at the next available meetings of each.

Application is considered by the City Council meets the 2nd and 4th Tuesday of the application review process. The Economic Development Committee and City Council for International Programs and the City Council meets to the application review process. The Economic Development Committee and City Council for International Programs and the City Council meets the 2nd and 4th Tuesday of every month.

An agreement will be signed by the City Attorney for review by the applicant. This agreement will be signed by the City Council and 4th Tuesday of every month.

WHAT ARE THE SELECTION CRITERIA?

Projected impact on the value of the subject projecty, especially with respect to the value of the particular improvement for a further occupant of the unit or buildings.

Extent to which the improvements are eligible for the program.

Condition of building façade and signage and need for renovation.

Textent to which proposed improvements restore, maintain or enhance the aesthetic character of the downtown.

Award limit of 50% of the total project cost or \$15,000, whichever is less.

Extent to which the improvements follow the Downtown Overlay District Plans and the Yorkville Neighborhood Design Manual.

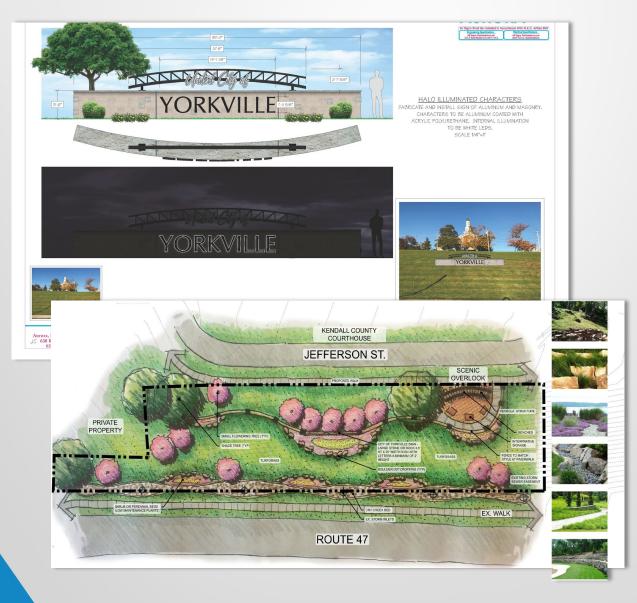
Downtown Art Program

Proposed comprehensive policy and plan to encourage the display of art in various installations (wall murals, manhole covers, utility box wrappings, free-standing interactive art sculptures and temporary works) within outdoor public spaces throughout the downtown.



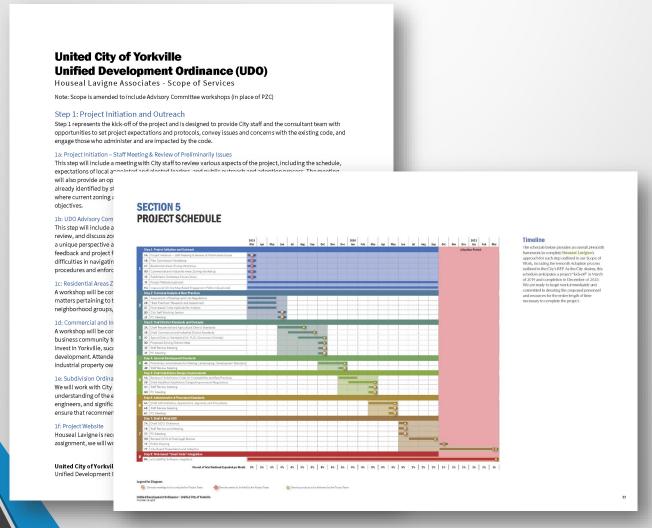
Downtown Landscape Hill

Installation of a landscaped wall feature with signage within the downtown to beautify and improve the visual character of the IL Route 47 (Bridge Street) corridor. The project, part of a larger concept design, is proposed to be located along the tall embankment slope on the west side of IL Route 47 between Van Emmon and Fox Streets.



Unified Development Ordinance

Kick-off of the Unified Development Ordinance (UDO) began in Spring 2019 and the UDO Advisory Committee was appointed by the Mayor in Summer 2019. The consultant, Houseal Lavigne, and the Advisory Committee will work over the next 24 months to prepare a comprehensive ordinance covering all aspects of zoning, site development, engineering, landscaping and appearance standards for the city. Additionally, the final ordinance will be accompanied by a "smart code" which allows the public to interface with the code provisions to calculate regulations specific to their property.



Commissioner Training Series

2019 Planning & Zoning Commission Training Series

At the end of 2018, the Planning and Zoning Commission expressed an interest in having training sessions on a variety of specialized topics which would further aid them in the performance of their duties recommending entitlements for land development, overseeing the Comprehensive Plan and making amendments to the Zoning Ordinance for the City of Yorkville.

In that regard, staff created a series of planning "primers" specifically tailored to Planning and Zoning Commissioners at the end of each meeting on a quarterly schedule. Each primer lasted about 20-30 minutes and was presented by staff or a qualified professional and covered the following subject matters:

DATE	SERIES TOPIC	<u>PRESENTER</u>
Spring 2019	Construction Plan Basics for Planning & Zoning Commissioners	Commissioner Jeff Olson
Summer 2019	Civil Engineering Basics for Planning & Zoning Commissioners	Engineering Enterprises, Inc.
Fall 2019	Urban Design Basics for Planning & Zoning Commissioners	Jason Engberg & Krysti Barksdale-Noble
Winter 2019	Economic Development Basics for Planning & Zoning Commissioners	Lynn Dubajic, Economic Development Consultant



Future Goals 2020

Unified Development Ordinance – On-Going!!

 Combines all development standards (zoning, subdivision control, appearance standards, building & landscaping codes) into a single easy-to-read document.

Downtown and Strategic Planning

- Downtown Tactical Urbanism Project Installation
- Downtown Art Program Implementation
- Downtown Façade Improvement Program Funding
- Downtown Landscape Hill Project Funding

Special Projects

- Planning Boundary Agreement updates and extensions (Plano, Plainfield, Oswego, Millbrook and Joliet).
- Planning & Zoning Commission Training Series continuation.





- Introduction
- Economic Development Purpose
- Responsibilities
- Strategies
- Business Retention
- ☐ Planning Process
- PZC Review

2 WHO AM I?

- ☐ Lynn Dubajic, DLK LLC
- ☐ Business & Economic Development Consultant
- Over 20 years experience in Economic Development field
- ☐ I work for Yorkville as an
 - ✓ Advisor
 - ✓ Ambassador
 - ✓ Confidant
 - ✓ Connector
 - √ Educator

- √ Facilitator
- ✓ Moderator
- ✓ Promoter
- ✓ Researcher
- √ Supporter

ACCOMIC ECONOMIC DEVELOPMENT?

A program or activity that seeks to improve the economic well-being and quality of life for a community, by creating and/or retaining jobs that facilitate growth and provide a stable tax base.



ENHANCING EXISTING BUSINESSES



ATTRACTING NEW BUSINESS



ENCOURAGING
GROWTH OF NEW
BUSINESSES THROUGH
ENTREPRENEURSHIP



RESPONSIBILTY

- ☐ Identify market and economy trends
- ☐ Identify Yorkville's needs and opportunities
- Provide informational material online
- ☐ Establish relationships with developers/brokers
- ☐ Have knowledge of available sites and spaces
- ☐ Maintain relationships with financial institutions & programs
- ☐ Facilitate specifically tailored workforce development programs
- Prepare developers with zoning, site plan, and permit information



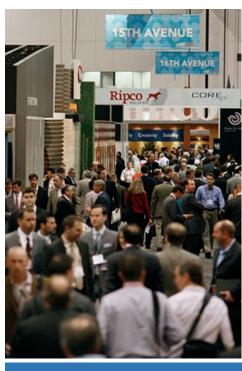
STRATEGIES











Connect businesses & property owners

Work with utilities to identify requirements Find assistance through government programs

Constant contact with potential **businesses**

Promote city at conferences and professional events

氲

RETENTION

- Access to financing
- □ Access to workforce/workforce education
- ☐ Sustainability & strategic planning
- Adjusting to trends
- ☐ Local, regional, and global economy
- Marketing & product awareness
- ☐ Area infrastructure weaknesses
- ☐ Risks & Problem Solving
- Customer & business development
- ☐ Technology & Innovation
- ☐ Facility obsolescence



PROCESS

PRIVATE SECTOR'S ROLE IN DEVELOPMENT



MARKET ANALYSIS

A private developer determines if their business will be supported and patronized in the area.



SITE SELECTION

They will choose a site or existing structure where they think their business will be successful.



PROPERTY/LAND ACQUISITION

The business will either buy the land or become a contract purchaser depending on their plans for development.



CONDUCT PUBLIC HEARING PROCESS

If special authorization or relief from the City Code is needed, a public process of review is required.

APPROVED BY

CITY COUNCIL

LOCAL GOVERNMENT'S ROLE IN DEVELOPMENT



LONG TERM PLANNING

The City creates and adopts long term planning visions with input from the public such as the Comprehensive Plan.



REGULATORY CODES AND ORDINANCES

The City adopts regulations to make private developers follow certain standards that accomplishes the City's vision.



GOALS FOR ECONOMIC DEVELOPMENT

The City Council develops goals for economic development annually to quide future decisions.



DOES

THE BUSINESS REQUIRE A PUBLIC HEARING FOR FURTHER

REVIEW?

APPLY FOR BUILDING PERMIT

The business may now begin construction or apply for commercial occupancy for their new business.

Q PZC REVIEW

- Does this create jobs?
- Does this meet a community need?
- Does this support other businesses?
- Does this drive adjacent businesses?
- Does this increase the tax base?
- ☐ Does this advance our economic development goals?



DEVEL OPMENT