



Meeting Agenda

Meeting Date and Time: August 15th, 2023 @ 6:00 PM

Meeting Location: 407 S. View St, Oreana, IL

Call to Order

Role Call

Public Comment

Consent Agenda

- Approval of Treasurer's Report for July 2023
- Minutes from July 18th, 2023 regular meeting
- Bills for August 2023

Administrative Reports

- Mayor
- Treasurer
- Clerk
- Police Chief
- Public Works
- Engineer

Old Business

New Business

- Approval of a lease with Ford Motor Company for the purchase of a police vehicle
- Approval of Ordinance 2023-08-15-1, Approval of a Farm Lease
- Presentation of findings of the West Plains Drainage Outfall Study

Adjournment



Board of Trustees Agenda
 Regular Meeting of the Village Board
 Tuesday June 20, 2023
 6:00PM

The meeting was called to order at 6:00 p.m. by Mayor Aaron Keathley.

Roll Call

Trustee White	Present	Trustee Ward	Present
Trustee Creamer	Present	Trustee Runyen	Present
Trustee Hiser	Absent	Trustee Donath	Present
Mayor Keathley	Present	Attorney Weatherford	Present
Clerk Kirby	Present	Treasurer Koszesza	Present

Mayor Keathley declared a quorum present.

Consent Agenda

Consent Agenda:

A **motion** was made by Trustee Runyen, **seconded** by Trustee Ward to accept the Consent Agenda.

- Income: \$72,950.34
- Expenses: \$35,372.86
- Bill: \$23,355.65
- Minutes from the May16 ,2023
- A general discussion was held.

A roll call vote was taken.

Trustee White	Yes	Trustee Ward	Yes
Trustee Creamer	Yes	Trustee Runyen	Yes
Trustee Hiser	Absent	Trustee Donath	Yes

Mayor Keathley declared **Motion Carried.**

Administrative Reports:

Mayor – None

Clerk – None

Treasurer – None

Attorney – None

Police- None

Public Works- None

Engineer – Matt Foster from Chastain gave a current update on West Plains drainage.

Old Business: None

The **first** item on the agenda is Approval of a right-of-way agreement with Rise Broadband.

A **motion** was made by Trustee White, **seconded** by Trustee Ward to Approve of a right-of-way agreement with Rise Broadband.

A roll call vote was taken.

Trustee White	Yes	Trustee Ward	Yes
Trustee Creamer	Yes	Trustee Runyen	Yes
Trustee Hiser	Absent	Trustee Donath	Yes

Mayor Keathley declared **Motion Carried.**

The **second** item on the agenda is the Approval of sale and/or disposal of surplus work equipment. This would be a sealed bid.

A **motion** was made by Trustee White, **seconded** by Trustee Ward to Approve Approval of sale and/or disposal of surplus work equipment.

A roll call vote was taken.

Trustee White	Yes	Trustee Ward	Yes
Trustee Creamer	Yes	Trustee Runyen	Yes
Trustee Hiser	Absent	Trustee Donath	Yes

Mayor Keathley declared **Motion Carried.**

The **third** item on the agenda is the Approval of a lease with Ford Motor Company for the purchase of police a police vehicle.

No Action was taken by the board.

The **fourth** item on the agenda is the Approval of the purchase of equipment for the new police vehicle.

Mayor Keathley said the cost that he received from Cleartalk was \$24,425.84. Mayor Keathley explained to the board that we could look at other companies.

A **motion** was made by Trustee Donath, **seconded** by Trustee Creamer to look into another company and not to exceed the amount of \$24.425.84 when looking into other companies.

A roll call vote was taken.

Trustee White	Yes	Trustee Ward	Yes
Trustee Creamer	Yes	Trustee Runyen	Yes
Trustee Hiser	Absent	Trustee Donath	Yes

Mayor Keathley declared **Motion Carried.**

The **last** item on the agenda is the Discussion of the Water Main Project.

Matt Foster from Chastain gave an update on Water Improvements for the Village.

Mayor Keathley explained to the board that we need to look further into this and discuss it later.

No Action was taken by the board.

Adjournment

A **motion** was made by Trustee Ward to adjourn, **Seconded** by Creamer.

A voice vote was taken. Yes-5, No-0. Mayor Keathley declared the **motion** carried and the meeting adjourned.

Dated this day of June 20, 2023

Anne Kirby, Village Clerk

Approved:

Aaron Keathley, Mayor

9:45 AM
08/15/23

Village of Oreana
Bills for All Vendors
August 2023

Vendor	Num	Due Date	Amount
Aug 23			
Amalgamated Bank of Chicago - IEPA Loan		08/15/2023	31,495.67
AMEREN IP	01160-30099	08/15/2023	1,161.69
American Patriot Pyro, Inc	Fireworks	08/15/2023	2,500.00
Badger Meter	80134288	08/15/2023	39.93
Black & Company #06	06550329	08/15/2023	92.68
BLUE CROSS BLUE SHIELD OF ILLINOIS		08/20/2023	478.16
BROWN'S TRUCK ACCESSORIES	07-31-23	08/15/2023	169.00
BROWN'S TRUCK ACCESSORIES	08-09-23	08/15/2023	189.00
CARD SERVICE CENTER	0101 08-11-23	08/15/2023	782.98
CHASTAIN & ASSOCIATES LLC	69-21-01-13	08/15/2023	9,295.00
CHASTAIN & ASSOCIATES LLC	8332-06	08/15/2023	5,430.77
DEANO'S BACKHOE SERVICE, LLC	1080	08/15/2023	1,135.00
HOLLON SIGNS & GARMENT LETTERING	119427	08/15/2023	735.00
IMCO UTILITY SUPPLY CO	3036868-00	08/15/2023	140.00
IMCO UTILITY SUPPLY CO	3036829-00	08/15/2023	100.00
K&K Builders, LLC	1079	08/15/2023	100.00
MACON COUNTY ANIMAL CONTROL/SHELTER	R23-026378	08/15/2023	20.00
MELISTY MART	5031	08/15/2023	270.20
MENARDS	38776	08/15/2023	81.88
MENARDS	38962	08/15/2023	659.46
MENARDS	39888	08/15/2023	84.28
MOTOROLA SOLUTIONS - STARCOM	7715920230703	08/15/2023	82.00
POSTMASTER	Permit #12	08/15/2023	200.00
SANITARY DISTRICT OF DECATUR	Sewer Usage Fee	08/15/2023	2,918.69
USIC RECEIVABLES, LLC	601702	08/15/2023	3,981.00
USIC RECEIVABLES, LLC	595983	08/15/2023	5,102.38
VERIZON WIRELESS	9940028308	08/15/2023	342.23
VILLAGE OF FORSYTH	Water Usage	08/15/2023	5,720.02
WATER SOLUTIONS UNLIMITED, INC	115278	08/15/2023	527.50
WATER SOLUTIONS UNLIMITED, INC	116069	08/15/2023	433.00
WATTS COPY SYSTEMS	1243876	08/15/2023	94.51
WHITMORE TOWNSHIP	Office Rental	08/15/2023	37.17
			74,399.20

Financing Approval for Schedule # 9353902

July 19, 2023

Municipality: Village of Oreana
Dealer: Bob Ridings Inc.
Attn: Aaron Keathley

The Village of Oreana has been approved to finance the new vehicle(s) as presented below. Please confirm/action the following information so that I may have the file ready for documentation when a closing date is determined:

- Vehicle quantity, description, price and number and frequency of payments
- The authorized signer on the Municipal Finance Application has not changed
- The date a check can be produced for first payment
- Complete the provided Insurance Fact Sheet and return completed document to me via email

Description	Unit Price
2023 Ford F-150 Police Responder	\$54,022.00

Total Asset Cost	\$54,022.00
Underwriting Fee	\$545.00
Amount Financed	\$54,567.00
Number of Payments	3
Payment Timing	Annual
Rate	8.34000
Payment Amount	\$19,663.88

Once the dealer communicates that the vehicle is ready for delivery and provides the documents we have requested, we will contact you to set a closing date and have the contract and instructions drafted and emailed to you.

The rate on this deal will expire on 8/19/2023. If the closing date does not occur prior to the expiration date, the rate is subject to change.

Thank you financing through Ford Motor Credit Company! We appreciate your business!

Sincerely,

Bri Tvenstrup

Bri Tvenstrup
Marketing Coordinator
bminnic3@ford.com
1-800-241-4199, press 1



MEMORANDUM

To: Village of Oreana President and Board of Trustees
 From: Matthew B. Foster, PE, PLS
 Date: July 17, 2023
 cc: None
 Re: West Plains Drainage Outfall Final Summary

Honorable President and Trustees,

I am writing to provide the final summary of the review conducted to identify a new outfall solution for the drainage at the intersection of West Plains Dr and Westmoor Dr. The drainage issues in this area have long been a concern for the Village, and the recent acquisition of the detention facility to the southeast of Route 48 marks a significant step forward in addressing this issue. In this review, we explore alternatives to connect the problem area to the southeast detention facility.

The problem area encompasses approximately thirty-five acres of suburban residential properties. This area does not effectively drain and floods the intersection and surrounding area on a regular basis.

There are two basic strategies for addressing the drainage problem in this area:

- Option A, Direct Drain: Drain the largest reasonable problem storm from the intersection all the way to the southeast detention facility.
- Option B, Upstream Detention: Provide additional detention adjacent to the intersection and drain this upstream detention to the southeast detention facility.

A significant difference between the two strategies is the largest storm that can be managed using either strategy. If runoff is drained directly to the southeast detention facility, then the sewer to that facility must manage the peak rate generated. However, if detention is provided upstream of the sewer, then the sewer need only manage the excess runoff that cannot be stored in the upstream detention. This means that providing upstream detention will naturally be able to account for a larger storm event than a direct sewer would. For this review, we compared managing the 10-yr storm with the direct drain strategy versus managing the 100-yr storm with the upstream detention strategy.

To determine that the 10-yr storm was the appropriate event for the direct drain strategy, we calculated the peak discharge rates for various storms. We tabulated the corresponding pipe sizes required to accommodate these flows in the table below. The reinforced concrete pipe (RCP) diameters range from 54" for the 2-year storm to 84" for the 100-year storm. Based on the available grade between the intersection and the existing detention facility, a 66" RCP sewer to convey the 10-year storm is what we consider as the practical alternative.

Design Storm	Recurrence Interval	Approx. Discharge	Approx. Pipe Dia.
2-year	50%	60 cfs – 70 cfs	54" RCP
5-year	20%	75 cfs – 85 cfs	60" RCP
10-year	10%	90 cfs – 100 cfs	66" RCP
25-year	4%	110 cfs – 120 cfs	72" RCP
50-year	2%	125 cfs – 135 cfs	78" RCP
100-year	1%	145 cfs – 155 cfs	84" RCP

MEMORANDUM

RE: West Plains Drainage Outfall Final Summary

Date: July 17, 2023

To determine that the 100-yr storm for the upstream detention strategy, we assumed that the current Village Ordinance for Detention Facilities was a good minimum standard to achieve. According to Village ordinance Section 154.141, a post-development storm with a 100-year return period should be stored and released at the rate of a pre-development 5-year storm. However, this is a Village-sponsored project that would drain into a Village-owned detention facility. We therefore looked at a range of configurations that would at least manage the 100-yr event. The variables we considered were the size of the detention pond versus the size of the downstream sewer. A smaller detention pond would require a larger release rate and a larger downstream sewer. A larger detention pond would require a smaller release rate and a smaller downstream sewer. For example, we estimate that the pre-development 5-year storm would generate a peak of 40 to 45 cubic feet per second (cfs) from this watershed. To restrict the current watershed to this rate, we would need a detention facility encompassing roughly 0.7 acres in surface area and released through the equivalent of a 42" sewer. In the table below, we have summarized combinations of pond size versus downstream sewer that could manage various release rates.

Allowed Discharge	Outfall Pipe	Approx. Pond Area	Approx. Pond Depth
75 cfs – 85 cfs	60" RCP	0.2 acres	4.0 feet
60 cfs – 70 cfs	54" RCP	0.3 acres	3.5 feet
55 cfs – 60 cfs	48" RCP	0.5 acres	3.0 feet
40 cfs – 45 cfs	42" RCP	0.7 acres	2.5 feet
25 cfs – 30 cfs	36" RCP	1.0 acres	2.3 feet
15 cfs – 20 cfs	30" RCP	1.5 acres	2.0 feet
10 cfs – 15 cfs	24" RCP	2.5 acres	1.5 feet
5 cfs – 10 cfs	18" RCP	4.0 acres	1.3 feet

Please refer to the attached Exhibit 2 for an approximate layout of the proposed pond areas. Kindly note that the layouts shown are approximations, as several additional factors that were not considered in this review may influence the final design. Furthermore, the existing detention facility in the southeast corner of the Village requires regrading and rework to meet current standards. However, addressing these maintenance needs falls outside the scope of this review and can be addressed separately. Given the preliminary nature of this review and all the variables that could affect the cost/practicality of these configurations, we are not presenting any of these as a preferred alternative at this time. For budgeting purposes, we have used the 5-yr release rate and 42" pipe as our basis in this review.

Additionally, we have evaluated two alternative routes for the storm sewer outfall. Alternative 1 is the Street Route. It involves constructing the storm sewer along Westmoor Dr, connecting to View St, and then proceeding south to the railroad tracks. Alternative 2 is the Backyard Route. It proposes acquiring an easement behind the houses on the south side of Westmoor Dr, extending to the west side of View St, and continuing down to the railroad tracks. Both drainage strategies, consisting of either the Direct Drain Option A or the Upstream Detention Option B can be routed to the southeast detention using either the Street Route Alternative A or the Backyard Route Alternative B.

We have developed budgetary project costs for each combination as summarized in the table on the following page. Please note that the budgetary costs are based on current construction costs and include a significant contingency amount. They do not encompass any expenses associated with the maintenance of the existing detention facility. Additionally, there are numerous design possibilities that can further impact the final project costs. Detailed cost estimates were not included in this review's scope but can be explored during subsequent project phases.

MEMORANDUM

RE: West Plains Drainage Outfall Final Summary

Date: July 17, 2023

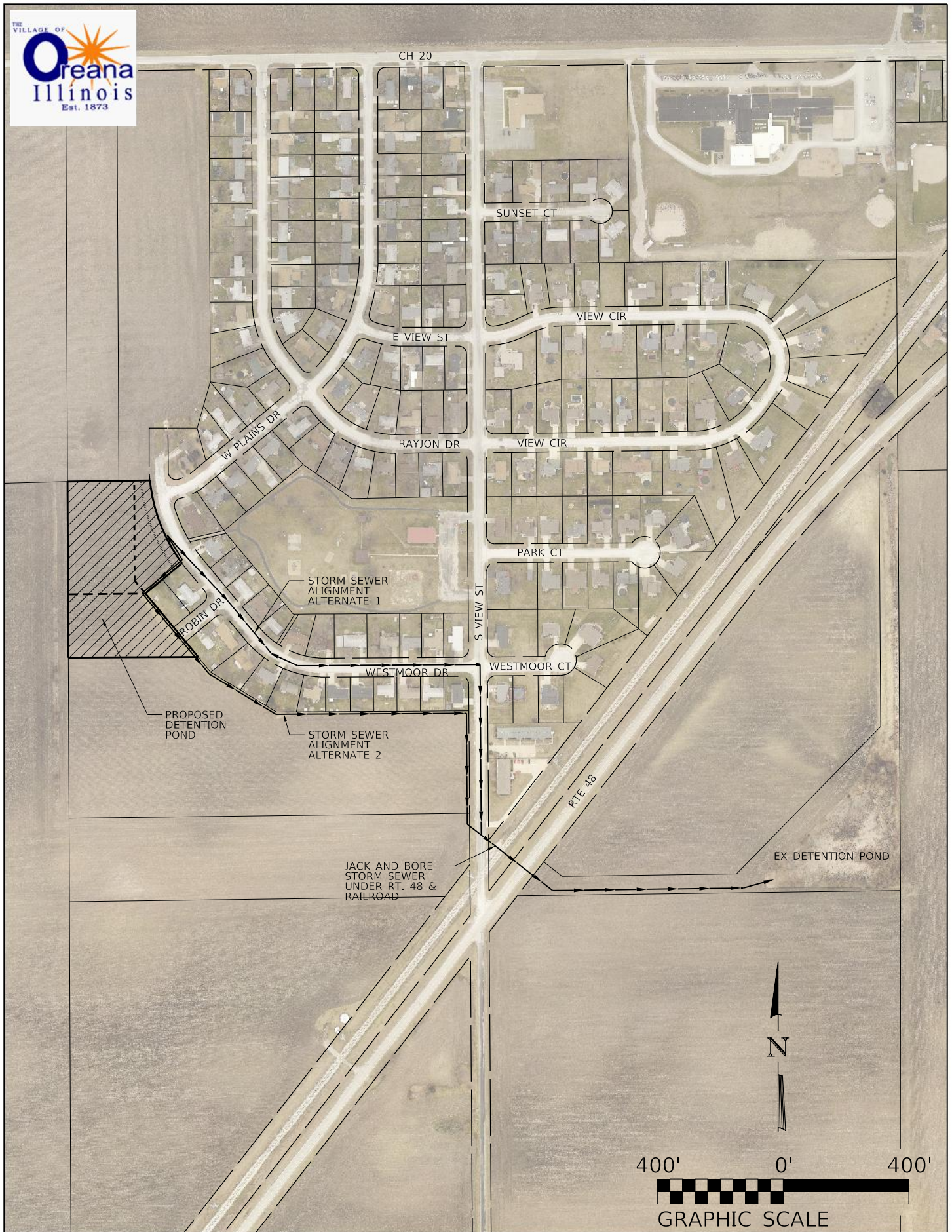
Item	Option A, Alt. 1	Option A, Alt. 2	Option B, Alt. 1	Option B, Alt. 2
Construction	\$4,264,000	\$3,756,000	\$2,542,000	\$2,012,000
Land Acquisition	\$0	\$30,000	\$25,000	\$55,000
Design & Observation	\$600,000	\$480,000	\$660,000	\$540,000
Project Total	\$4,864,000	\$4,266,000	\$3,227,000	\$2,607,000

Based on the cost estimates and the benefits of utilizing detention/retention facilities, we recommend pursuing Option B, which combines a new outfall pipe with a storm water detention facility adjacent to the intersection of West Plains Dr. and Westmoor Dr. This facility should be designed to accommodate drainage from the entire neighborhood south of South St. (CH 20) and west of View St. Placing the outfall pipe on an easement behind the houses along Westmoor Dr. (Alternative 2) would minimize potential utility conflicts. However, if the budget for Option B, Alternative 2, exceeds the Board's preference, we suggest considering a smaller pipe size, such as a 24" pipe, along with an increased detention pond size of 2.5 acres.

We understand that these budgeted costs represent a significant investment for the Village, and we have carefully considered the recommendations. Pursuing the proposed solution will allow the Village to address the long-standing drainage issues and proceed with a more detailed design phase.

Thank you for the opportunity to assist the Village in this matter. Should you have any further questions, please do not hesitate to contact me at your convenience.





CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

DECATUR (217) 422-8544
SCHAUMBURG (773) 714-0050
ROCKFORD (815) 489-0050
184-001397

WEST PLAINS DRAINAGE OUTFALL
EXHIBIT 1
SCALE: 1"= 400' SHEET 1 OF 1 SHEETS



100' 0' 100'



GRAPHIC SCALE

LIMITS OF 0.2
ACRE POND

LIMITS OF 0.7
ACRE POND

LIMITS OF 2.5
ACRE POND

STORM SEWER
ALIGNMENT
ALTERNATE 2

LIMITS OF 4
ACRE POND

W PLAINS DR

WESTMOOR DR

STORM SEWER
ALIGNMENT
ALTERNATE 1

ROBIN DR

CHASTAIN
& ASSOCIATES LLC
CONSULTING ENGINEERS

DECATUR (217) 422-8544
SCHAUMBURG (773) 714-0050
ROCKFORD (815) 489-0050
184-001397

WEST PLAINS DRAINAGE OUTFALL
EXHIBIT 2

SCALE: 1"= 100' SHEET 1 OF 1 SHEETS



ORDINANCE NO. 2023-08-15-1

AN ORDINANCE AUTHORIZING THE EXECUTION OF A CASH RENT FARM
LEASE FOR PROPERTY OWNED BY THE
VILLAGE OF OREANA, MACON COUNTY, ILLINOIS

ADOPTED BY THE PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF OREANA
THIS 15th DAY OF AUGUST, 2023

Published in pamphlet form by authority of the Village Board of
the Village of Oreana, Macon County, Illinois this 15th day of August, 2023.

ORDINANCE NO. 2023-08-15-1

**AN ORDINANCE AUTHORIZING THE EXECUTION OF A CASH RENT FARM
LEASE FOR PROPERTY OWNED BY THE
OREANA, MACON COUNTY, ILLINOIS**

WHEREAS, the Village of Oreana is desirous of leasing farm ground it currently owns in order to receive the income therefrom; and

WHEREAS, it is in the best interest of the health, safety and welfare of the residents of the Village of Oreana, Illinois to enter into such a lease in order that income may be generated for the benefit of the Village;

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Oreana, Macon County, Illinois, as follows:

SECTION 1: That the President of the Board of Trustees is hereby authorized to execute the one year contract with John Hill in the form attached hereto and incorporated herein as Exhibit A.

SECTION 2: That should any provisions of this Ordinance be held unconstitutional the same shall not affect the remainder of said Ordinance and it shall remain in full force and effect as passed and approved.

SECTION 3: This Ordinance shall be in full force and effect from and after its passage, approval and publication in pamphlet form as provided by law.

PRESENTED, PASSED, APPROVED and published in pamphlet form by the President and Board of Trustees of the Village of Oreana, Macon County, Illinois this 15th day of August, 2023.

NAME	AYE	NAY	ABSTAIN	ABSENT
Trustee Lori Creamer				
Trustee Aaron Donath				
Trustee Loren G. Hiser				
Trustee Angela Ward				
Trustee Judith Runyen				
Trustee Chelsey White				
President Aaron Keathley				
TOTAL				

AARON KEATHLEY, PRESIDENT

ATTEST:

ANNE KIRBY, VILLAGE CLERK

SEAL

STATE OF ILLINOIS)
)SS.
COUNTY OF MACON)

CERTIFICATE

I, Anne Kirby, certify that I am the duly elected and acting Village Clerk of the Village of Oreana, Macon County, Illinois. I further certify that on the 15th day of August, 2023, the Corporate Authorities of such Municipality passed and approved:

ORDINANCE NO. 2023-08-15-1

AN ORDINANCE AUTHORIZING THE EXECUTION OF A CASH RENT FARM LEASE FOR PROPERTY OWNED BY THE VILLAGE OF OREANA, MACON COUNTY, ILLINOIS

which provided by its terms that it should be published in pamphlet form.

The pamphlet form of Ordinance No. 2023-08-15-1 including the Ordinance and a cover sheet thereof was prepared and a copy of such Ordinance was posted in the Municipal Offices commencing on the 15th day of August, 2023 and continuing for at least ten days thereafter. Copies of such Ordinance were also available for public inspection upon request in the office of the Village Clerk.

Dated this 15th day of August, 2023.

ANNE KIRBY, VILLAGE CLERK

SEAL

CERTIFICATION OF ORDINANCE
THE VILLAGE OF OREANA, MACON COUNTY, ILLINOIS

The undersigned duly appointed, qualified and acting Clerk of the Village of Oreana, Macon County, Illinois, does hereby certify that the attached document is a true and correct copy of:

ORDINANCE NO. 2023-08-15-1
AN ORDINANCE AUTHORIZING THE EXECUTION OF A CASH RENT FARM
LEASE FOR PROPERTY OWNED BY THE
VILLAGE OF OREANA, MACON COUNTY, ILLINOIS

Dated this 15th day of August, 2023.

ANNE KIRBY, VILLAGE CLERK

SEAL