

HEBRON TOWN COUNCIL
HEBRON UTILITY REGULATORY COMMISSION
MINUTES OF MAY 16, 2023

The Hebron Town Council and Regulatory Commission meeting of May 16, 2023 was called to order by President John Spinks, Jr. at 7:00 p.m. In attendance were Councilmen Kevin Joseph, Dave Peeler, John Spinks, Jr.; Town Attorney Brett Galvan; MCO Representative Randy Decker; Park Board President Linda Brebner; Hebron Town Marshal Josh Noel; Building Commissioner Brad Ludwig; and Clerk-Treasurer Jamie Uzelac. Councilmen Todd Adamczyk and Justin Albright were not in attendance.

Following the Pledge of Allegiance, the following business was conducted.

Public Hearing - Resolution 2023-05-16 - A Resolution of the Town of Hebron, Indiana, for Property Exchange Pursuant to Indiana Code §36-1-11-9 - President Spinks opened the public hearing and read Resolution 2023-05-16. Attorney Brett Galvan noted that two independent appraisals were obtained pursuant to state statutes. President Spinks asked for public comments. There being none President Spinks asked for Council comments. There being none, President Spinks closed the public hearing and called for a vote. On motion of Councilman Peeler, seconded by Councilman Joseph, and duly carried 3-0, Resolution 2023-05-16 was passed and adopted.

Utility Adjustments

None

Approval of Minutes

On motion of Councilman Joseph, seconded by Councilman Peeler, and duly carried 3-0, the following minutes were approved as presented: April 16, 2023 Council Meeting; April 18, 2023 Executive Session; April 11, 2023 Workshop; and May 9, 2023 Workshop.

Docket

President Spinks read the docket total for May 18, 2023: Total \$748,842.04, Transfers \$359,880.09 and Net \$388,961.95. On motion of Councilman Peeler, seconded by Councilman Joseph, and duly carried 3-0, the Docket was approved as read.

Ordinances and Resolutions

Ordinance 2023-05-16 - An Ordinance Amending Article II Section 50-32 Garbage and Refuse Collection - President Spinks read Ordinance 2023-05-16. On motion of Councilman Joseph, seconded by Councilman Peeler, and duly carried 3-0, Ordinance 2023-05-16 was passed and adopted.

Resolution 2023-05-16-1 - A Resolution Providing for the Transfer of Appropriations for the Town of Hebron, Porter County, Indiana for the 2023 For the Action and Passage by the Town Council Pursuant to IC 6-1.1-18-6 - President Spinks read the transfers. On motion of Councilman Joseph, seconded by Councilman Peeler, and duly carried 3-0, Resolution 2023-05-16-1 was passed and adopted.

Old Business

None

New Business

CCMG Agreement with Abonmarche - On motion of Councilman Peeler, seconded by Councilman Joseph, and duly carried 3-0, the agreement with Abonmarche was approved at the cost of \$72,500.

MCO Contract - President Spinks noted that the contract is for MCO Representative Randy Decker's services with the Town and the amount of the contract is \$176,989.00 which is a 4% increase from the last contract. Attorney Galvan noted that he had the opportunity to review the contract and had no issues with it. On motion of Councilman Joseph, seconded by Councilman Peeler, and duly carried 3-0, the Council approved the MCO Contract.

Police Department New Policy Manual - Town Marshal Josh Noel asked that the Council adopt and put into place the new Police Department Policy Manual. Attorney Galvan noted that he had reviewed the manual and had no issue with it. On motion of Councilman Peeler, seconded by Councilman Joseph, and duly carried 3-0, the Police Department New Policy Manual was adopted and put into place.

Police Department New Hire - Marshal Noel stated that Officer Hawkins submitted his resignation and the Department would like to hire Colin Keon-Dwyer as a first class patrolman with a starting salary of \$2,019 bi-weekly and a one year probation. On motion of Councilman Joseph, seconded by Councilman Peeler, and duly carried 3-0, Colin Keon-Dwyer was hired as a first class patrolman with a starting bi-weekly salary of \$2,019 and on a one year probation.

Out of Town Function Request

IMLA Conference - Attorney Brett Galvan asked for Council approval to attend the IMLA Conference/Municipal Law Seminar in Noblesville, Indiana on June 22 and 23. He noted that the cost of the conference is \$360.00, hotel rates may be \$169.00 per night, and that he would waive meals and mileage. On motion of Councilman Peeler, seconded by Councilman Joseph, and duly carried 3-0, the Council approved the costs at a not to exceed amount of \$1,000.00 with all receipts to be turned into the Town.

Clerk-Treasurer's School - Clerk-Treasurer Jamie Uzelac asked for Council approval to attend Clerk-Treasurer's School in Ft. Wayne, Indiana on June 25 to June 29, 2023. She noted that she would be attend for two days at the cost of \$400.00 and that she would be sharing a

room and was not sure of the lodging costs. On motion of Councilman Joseph, seconded by Councilman Peeler, and duly carried 3-0, the Council approved the costs at a not to exceed amount of \$1,000.00 with all receipts to be turned into the Town.

Department Reports

Public Works -The Public Works report is attached to these minutes and made a part hereof.

Mr. Decker further reported that an EPA Grant of \$2,400 was awarded and that he met with the Army Corp of Engineers and things are going well.

HRC - Councilman Joseph reported that the Comprehensive Plan is moving forward and that a public hearing was conducted.

Police Department - The Police Department report is attached to these minutes and made a part hereof. Marshal Noel noted that the July 4th parade route has been submitted.

Parks Department - President Linda Brebner thanked Public Works for merry-go-around in Novreske Park and getting the flower holes ready for planting at the entrances to Park Place and Boardwalk. Also, she thanked Frank Stalbaum for helping to plant the 50 plants at these entrances and she noted that the project will be finished on May 17th. Mr. Decker informed President Brebner that the “clown” truck is back in service.

President Brebner further reported that the 3rd graders recently toured the Stage Coach Museum, that the trail has been repaired and sealed, and the parking lot will be stripped in the next couple of weeks. Randy Decker stated that the sealing of the trail will be done as needed and the parking lot should be every three to four years.

President Brebner reported that the Park Department is once again teaming up with the Little League for movies. The movie dates are June 5, June 14, and June 22, 2023.

President Brebner encouraged the citizens to take the Park Survey.

Building Department - Building Commissioner Brad Ludwig reported that a few new permits were given and DR Horton has submitted application for two homes. Clerk-Treasurer Uzelac asked the addresses be added to the list of properties with code violations.

Town Announcements - President Spinks thanked Linda Brebner for planting all of the flowers and congratulated the Lady Hawks on winning the championship.

Councilman Peeler stated that the 4th of July fireworks will be held on July 3rd and the parade will be held on July 4th at 10:00. The theme of the Parade is “Let the Sparks Fly”. He further noted that the Methodist Church will be serving breakfast on the 4th and the 5K run will be held on the 4th.


There being nothing more before the Council, on motion of Councilman Peeler, seconded by Councilman Joseph, and duly carried 3-0, the meeting was adjourned.

Respectfully submitted,



Jamie Uzelac, Clerk-Treasurer

Approved:



John Spinks, Jr., President

RESOLUTION 2023-06-20

A RESOLUTION PROVIDING FOR THE TRANSFER OF APPROPRIATIONS FOR THE
TOWN OF HEBRON, PORTER COUNTY, INDIANA
FOR THE 2023
FOR THE ACTION AND PASSAGE BY THE
HEBRON TOWN COUNCIL PURSUANT TO IC 6-1.1-18-6

Whereas certain extraordinary conditions have developed since the adoption of the existing annual budget for the year 2023, it is now necessary to transfer appropriations into different line items than were appropriated in the annual budget for the various functions of the department to meet the emergencies.

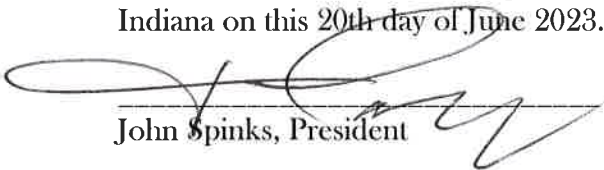
SECTION 1. BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF HEBRON, PORTER COUNTY, INDIANA, that for the expenses of the General Fund, the following appropriations are hereby transferred and set apart out of the funds hereinafter named for the purposes specified subject to the laws governing the same, such sums here in transferred unless otherwise stipulated by law.

Where it had been shown that existing appropriations have unobligated balances which will be available for transferring as follows:

General Fund

From 2421 Gen/2421Town Misc. Paving	\$250.00
To 2441 Gen/Town Misc. Improvements	\$250.00
From 3451 General/Pol Equipment	\$221.17
To 3291 General/Pol Official Uniforms	\$221.17

SECTION 2. Passed and adopted by the Town Council of the Town of Hebron, Porter County, Indiana on this 20th day of June 2023.




John Spinks, President



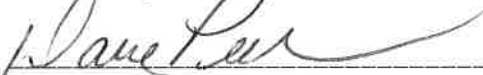
Justin Albright, Councilman



Todd Adamczyk, Councilman



Kevin Joseph, Councilman



Dave Peeler, Councilman

Attest:



Jamie Uzelac, Clerk Treasurer



**Town of Hebron
Report of Operations
Prepared By: Randy Decker
May 2023**

WATER PLANT

- On June 2, 2023, at 5:54 a.m., we received a call from Officer Wood that the Town had no water. I immediately called Dustin to head to the plant to determine the cause of the problem. Dustin arrived at the plant at 6:07 a.m. to find the telemetry reading at the elevated tower was reading 16.7 ft. and he noticed there was a communication failure alarm from the tower. Dustin started the plant in manual. At approximately 6:20 a.m. water was restored. The Town was on a Boil Advisory until approximately 6:00 p.m. on June 3, 2023. We now have a communication failure alarm and a redundant low-pressure alarm that will call out.

WATER DISTRIBUTION

- Hydrants #150, #65 and #114 are out of service. These are Traverse City hydrants which are obsolete. As of now, the plan for funding to replace them will be to wait for grants.
- Hydrant #164 that was hit by a car has been replaced and is now back in service.
- We recommend the Town hire Jackson Peeler. Jackson will paint the remaining hydrants and enter street sign information on the GIS.
- We cannot find the water shut off at the 133 N. Main Apartments. They need the valve to shut off the water to repair a leaky valve. We had ME Simpson help look for it but was unsuccessful. We believe the line to be plastic and untraceable. The landlord is supposed to dig down at the foundation to see what direction the waterline is running. At this time, the landlord has not made any progress.
- Hall Brothers Construction has refused to pay the invoice sent to them for burying the hydrant at the entrance of Brookwood.
- Hydrant maintenance has been completed. No new issues to report.
- We are in the process of inventorying service lines for the new Lead Service Line Rule. We are pairing up with Abonmarche for a possible grant for funding from IFA (application attached).
- We continue to meet with the Army Corps of Engineers (USACE) regarding the Snake Flats watermain replacement. Wessler provided a rough draft of where the water lines will be placed.
- Wessler provided a print of Costin Drive. Ed Graham and Bob marked up the print and gave it back to Jon Borgers for final print.

WASTEWATER

- Four of the seven drying beds have been cleaned out and hauled away by Wealing Brothers. Sludge disposal costs have increased to \$3.00 a cubic yard.
- Insight is in Town cleaning and televising the areas that will be lined.

- We recommend the Town hire Clayton Buchanan. Clayton will prep and paint all 3 digester tanks at the wastewater plant and collect data for the GIS.
- The lift stations have been cleaned and inspected.
- Manhole inspections of all dead ends will continue as time allows.

STORM WATER

OLD BUSINESS

- 309 S. Van Buren had a sinkhole which we ran our camera through. We found that it had a small hole in the top of the tile. This tile is roughly 12 ft. deep, so excavation is not an option. We will explore getting this section of the pipe lined.

NEW BUSINESS

- We were contacted by Matt Norris from RLM about a broken pipe behind their shop (pictures are attached). The ditch has washed away and caused a section of the pipe to come apart. We have contacted Bob Cauffman to assist in repairing this.
- Abonmarche is near completion with the design of Norbeh's outlet of the Snake Flats.

STREETS

- We contacted NIPSCO in regard to the gas meter on Alyea Parkway. They will install ballads for protection.
- CCMG bids are due on July 14th.
- Attached is the excess land response to INDOT.
- All alley-ways have been graded.
- The pole and power have been restored in Aleya Park.
- Attached is a request from a citizen to have a sign placed on Locust.
- Cold patching was completed with the focus on large holes.
- Truck #11 is in service. We are waiting on a different wiring harness from Terry's for the plow.
- Limb pickup has been completed for the month.
- Leaf collection has been completed.
- Attached is the contract for street sweeping.
- The Work Order Monthly Report is attached.
- Flag poles, banners, and flowers have been installed.

SUBDIVISION

- Wessler has the off-site water preliminary prints finished.
- We are waiting for a timeline to change out the Monroe Lift Station.
- Attached is the updated water and wastewater memo from Wessler for Windy Hill.
- Attached is a picture of a sinkhole at the intersection of Petry and Fry. They believe this was a result of the contractor digging the bore-pit too close to the road for the gas installation.

OTHER PROJECTS

- Project Ribeye
- 627 N Main Street
- Porter Starke Utilities
- Brookwood Phase III

COMPLETED WORK ORDERS

Water/Sewer – 68

Drainage –5

Streets – 18

Locates – 35

Code Enforcement – 0

Parks – 8

COMP TIME

Robert Paajanen – 10

Dustin Lindsay – 15

Jami Norris – 17

Alan Kosinski – 7.5

Kevin Pierce – 6

AFTER HOUR CALLS – 5

AFTER HOUR CALLOUTS – 4

Town of Hebron - Operational Summary

Wastewater Treatment Plant - Influent

2023	Flow				BOD		TSS		Ammonia	
	Total Gallons	Max. Daily	Min. Daily	Monthly Avg.	mg/l	#'s	mg/l	#'s	mg/l	#'s
January	9,991,300	760,000	240,000	323,300	219	551.34	249	650.57	30.4	
February	14,361,200	1,990,000	250,000	512,900	240	1172.7	226	916.46	18.1	
March	18,860,090	1,200,000	370,000	608,390	224	930.68	165	708.3	10.81	
April	12,900,000	1,420,000	240,000	430,000	252	829.44	301	916.71	31.13	
May										
June										
July										
August										
September										
October										
November										
December										

Wastewater Treatment Plant - Effluent

2022	Total Gallons	Flow			BOD		TSS		Ammonia	
		Max. Daily	Min. Daily	Monthly Avg.	Monthly Avg.	% Removed	Monthly Avg.	% Removed	Monthly Avg.	% Removed
January	9,170,000	720,000	220,000	295,800	8.3	96.2	12.4	95	.207	99.3
February	13,060,000	1,740,000	230,000	466,400	8.3	96.5	14.1	93.8	.208	98.9
March	18,390,000	1,130,000	350,000	593,230	7.5	96.6	8.1	95.1	.215	98
April	13,270,000	1,370,000	220,000	442,233	3.9	98.4	11.8	96.1	.2	99.4
May										
June										
July										
August										
September										
October										
November										
December										

Water Treatment Plant

Month Ending	Total Monthly Flow	Maximum Daily Flow	Minimum Daily Flow	Average Daily Flow	Chlorine Usage (pounds.)
01/31/2023	6,135,880	243,640	174,130	204,529	84.8
02/28/2023	5,565,760	247,450	192,390	206,139	79.1
03/31/2023	6,207,370	240,820	191,320	206,912	84.8
04/30/2023	6,649,870	302,370	197,150	229,306	85.7
05/31/2023	7,523,660	329,010	199,590	250,789	103.4

FW: Special needs kid sign

Treasurer <treasurer@netnitco.net>

Wed 5/17/2023 1:44 PM

To: Randall Decker <rdecker@mco-us.com>

From: Heather Krstevski <heatherbrewer46@gmail.com>

Sent: Wednesday, May 17, 2023 10:46 AM

To: info@hebronindiana.org

Subject: Special needs kid sign

Is there a way to get a sign for our daughter on Locust (where people speed 15 to 20 mph over the speed limit)?

Thanks Heather Krstevski

ADVANCE SWEEPING SERVICES, INC.
P.O. BOX 3040
EAST CHICAGO, IN 46312
PHONE: (219) 398-7520
FAX: (219) 246-4559

Date: 6/8/2023

STREET SWEEPING CONTRACT

Attn: Al Kosinski-Street Superintendent
Town Of Hebron
107 N. Main Street
Hebron, IN 46341

I. Site: Various Roadways outlined in Map for Town of Hebron.

II. Scope of work:

1. Sweep all streets, as outlined in maps, and remove and dump all road debris at Town of Hebron Street Department.

We will employ 1 Regenerative Air Style Street Sweeper to perform this work. Due to the amount of debris on the streets, we may have to go over the outlined areas twice, to ensure that all the curb lines are cleaned thoroughly.

1. Advance will need to have access to the fire hydrants or some source of water in the areas that we will be sweeping.
2. Once we designate which days we will be sweeping, we will need your help to let the community know we will be sweeping, to ensure that the cars are off the streets. This is critical to the success of the program. If there are cars parked on the streets, the sweepers will have to go around them and we will not be responsible for coming back to sweep those areas.

Note: The initial cleanup is expected to be 3-4 days of sweeping.

The price per day for this initial sweep is: \$1,900 per day Total Cost: \$5,700-\$7,600 if the 4th day is needed.

III. Terms:

1. Advance Sweeping Services, Inc. reserves the right to use whatever equipment we deem necessary to complete the job.
2. Advance Sweeping Services, Inc. will not be held responsible for debris that has accumulated on the lot/sidewalks after we have left the premises.
3. When unsafe conditions exist in the determination of Contractor, Advance Sweeping Services, Inc. reserves the right to deny service for that period to be resumed at a later time that we see fit.
4. Advance Sweeping Services, Inc. assumes no responsibility for further damage to previously damaged asphalt or concrete surfaces.

IV. Pricing:

Pricing shown in this proposal will be a binding contract between Town of Hebron and Advance Sweeping Services, Inc. upon signing of this agreement by both parties.

In the event this proposal is not accepted within thirty days of the date shown on the proposal/contract, it will become null and void.

V. Compensation:

1. Contractor will bill owner on the last day of each month. In the event of a breach of this agreement by either party, the breaching party shall pay all reasonable attorney fees, collection fees, and costs of the other party incident to any action brought to enforce this agreement. Contractor shall not be responsible to provide services under this contract if any payment is more than 15 days late beyond the terms. The failure of the Owner or authorized Agent to dispute any bill within (10) days after the date of mailing shall result in the parties agreeing that said bill is a valid obligation due from the Owner.

VI. Acceptance of Agreement:

I/We agree to the terms and conditions of this Sweeping Agreement as specified in Sections I through V. If not the Owner, I certify that I am the duly authorized Agent of the Owner and that I am authorized to sign this Agreement on behalf of the Owner. The terms of this Agreement shall be automatically renewed for like terms thereafter unless either party shall give written notice of termination to the other party at least 30 days prior to the termination of the renewal term. Contract is subject to cancellation by either party with a 30-day notice in writing.

OWNER OR AUTHORIZED AGENT: _____

Printed Name: John Spinks, Jr.

Title: Council President

Date: June 20, 2023

CONTRACTOR: Scott Bloom 

Advance Sweeping Services, Inc.

Date: 6/8/2023

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Office of Clerk~Treasurer
219-996-4641
Fax 219-996-7494



P.O. Box 478
107 N. Main Street
Hebron, IN 46341

TOWN OF HEBRON
INDIANA

June 1, 2023

Jean Mary Cetoute
Utility & Railroad Coordinator
315 East Boyd Boulevard
LaPorte, IN 46350

RE: Excess Land Disposal
US 231, Porter, La Porte, 4287-27,30

Ms. Cetoute:

In response to your email dated May 16, 2023, the Town of Hebron requesting that the property located at the intersection of US 231 and IN 8, Porter County, Indiana Parcel 30 and Parcel 27 (parking lot and green space) be dedicated/transferred to the Town of Hebron. The Town of Hebron has maintained these Parcels since the completion of the Main Street Project. This project was between the State of Indiana and the Town of Hebron. Since the completion of the Main Street Project, the Town has installed a water line, fire hydrant, a dedicated clock tower surrounded by memorial stones, and benches on Parcels 27 and 30. All of which were approved by the State prior to installation.

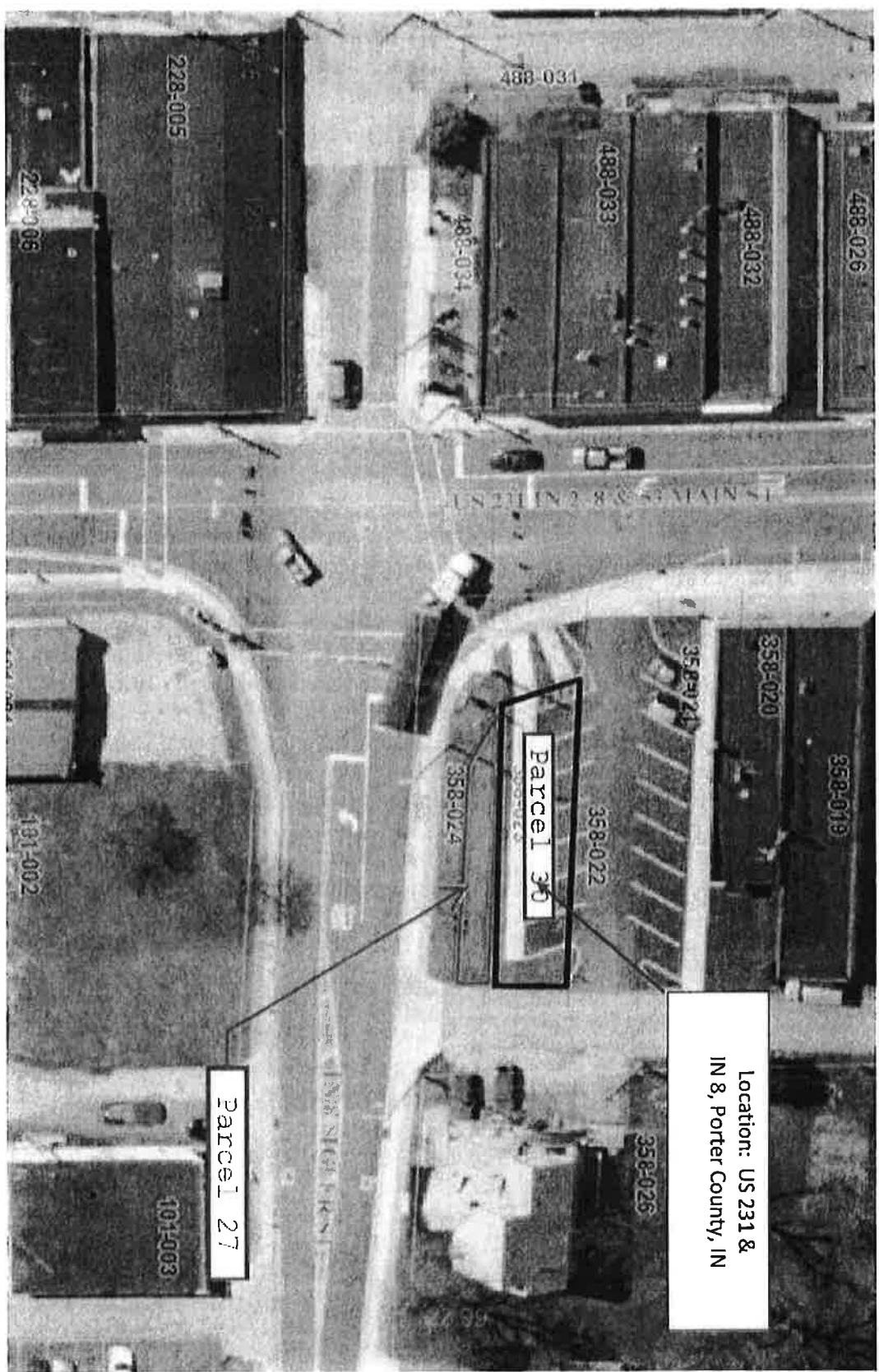
If you have any questions or require more information, please feel free to contact me.

Sincerely,

John Spinks, Jr., President
Hebron Town Council

COPY

Excess ROW, LARW, Easement Interest
US 231 & IN 8, Porter County, IN



Location: US 231 &
IN 8, Porter County, IN

Parcel 27

Parcel 30

INDOT LaPorte District
315 E Boyd Boulevard
LaPorte, IN 46350



RIGHT OF WAY PERMIT

State Form 41789 (R5 / 3-00)

Approve by State Board of Accounts, 2000

Approved by Auditor of State, 2000

**STATE OF INDIANA
INDIANA DEPARTMENT OF TRANSPORTATION**

Type of Permit: Cut Road / Misc.		
<input checked="" type="checkbox"/> Excavation	<input type="checkbox"/> Pole Line	<input type="checkbox"/> Bridge Attachment
		<input type="checkbox"/> Miscellaneous
District LaPorte	Subdistrict	Telephone number (219) 996-4641
Project locations: Northeast corner of US 231 and State Rd. 2 in the Town of Hebron, Porter Co., IN.		Reference pt. number
Project description: Erection of a clock and landscape project consisting of plantings and pavers and a clock (photo attached) all per the attached landscape plan from Birel's Landscape Management Inc. dated Sept. 2, 2010 (a copy of which is attached). None of the installation other than the clock tower will exceed 24 inches in height and will be constructed on part of the existing parking lot. All costs will be borne by the Town of Hebron.		
Project purpose: main street beautification.		
Bond required: <input type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, Penal Sum \$	Bond number waived N/A
PERMIT FEE: (Make check or bank draft payable to "Indiana Department of Transportation")		\$ N/A waived
SPECIAL PROVISIONS:		
<small>THE APPLICANT AGREES TO INDEMNIFY, DEFEND, EXCULPATE, AND HOLD HARMLESS THE STATE OF INDIANA, ITS OFFICIALS AND EMPLOYEES FROM ANY LIABILITY DUE TO LOSS, DAMAGE, INJURIES, OR OTHER CASUALTIES OF WHATSOEVER KIND, OR BY WHOMSOEVER CAUSED, TO THE PERSON OR PROPERTY OF ANYONE ON OR OFF THE RIGHT-OF-WAY ARISING OUT OF, OR RESULTING FROM THE ISSUANCE OF THIS PERMIT OR THE WORK CONNECTED THEREWITH, OR FROM THE INSTALLATION, EXISTENCE, USE, MAINTENANCE, CONDITIONS, REPAIRS, ALTERATION, OR REMOVAL OF ANY EQUIPMENT OR MATERIAL, WHETHER DUE IN WHOLE OR IN PART TO THE NEGLIGENT ACTS OR OMISSIONS (1) OF THE STATE, ITS OFFICIALS, AGENTS, OR EMPLOYEES; OR (2) OF THE APPLICANT, HIS AGENTS, OR EMPLOYEES, OR OTHER PERSONS ENGAGED IN THE PERFORMANCE OF THE WORK, OR (3) THE JOINT NEGLIGENCE OF ANY OF THEM; INCLUDING ANY CLAIMS ARISING OUT OF THE WORKMEN'S COMPENSATION ACT OR ANY OTHER LAW, ORDINANCE, ORDER, OR DECREE. THE APPLICANT ALSO AGREES TO PAY ALL REASONABLE EXPENSES AND ATTORNEY'S FEES INCURRED BY OR IMPOSED ON THE STATE IN CONNECTION HERewith IN THE EVENT THAT THE APPLICANT SHALL DEFAULT UNDER THE PROVISIONS OF THIS PARAGRAPH.</small>		
Signature of permit applicant <i>Terri Waywood</i>	Printed name of permit applicant Terri Waywood	
Name of company organization Town of Hebron	Telephone number (219) 996-4641	
Address (number and street, city, state, ZIP code) 106 E. Sigler St., Hebron, IN 46341		
Inspector		
District Regulatory Supervisor		
District Director		

Application number

Road number

County number

Expiration date

Issue date

Permit number

State of Indiana
Department of Transportation
GENERAL PROVISIONS

1. All work described in the permit shall be subject to the inspection of the Department of Transportation and the permittee shall adjust or stop operations upon direction of any police officer or Department of Transportation employee.
2. The permit may be rescinded at any time by the Department of Transportation at its discretion or for noncompliance with any and/or all provisions of said permit.
3. The permittee shall notify the Department of Transportation Subdistrict five (5) working days preceding the beginning of any work activity.
4. The permittee shall notify the Department of Transportation Subdistrict that the work is complete and this notice is to be provided within seven (7) days from completion of all work on this permit.
5. The permittee shall have the permit complete with drawings and special provisions in their possession during work operations and will show said permit on demand, to any police officer or authorized Department of Transportation employee.
6. The permittee shall pay the Department of Transportation for any inspection costs where it is necessary to assign a Department of Transportation employee to inspect the work. The permittee shall immediately reimburse the State upon receipt of an itemized statement.
7. The permit is valid through the stated expiration date. If work is not completed within the allotted time, the permit is automatically cancelled unless an extension is requested prior to the expiration date and said request is approved by the Department of Transportation. If a permit is cancelled, a new application must be submitted and approved before the proposed work can be accomplished.
8. The permittee shall erect and maintain all necessary signs, barricades, detour signs, and warning devices required to safely direct traffic over or around the part of the highway where permitted operations are to be done so long as the work does not interfere with traffic, in accordance with Section "VI" of the Indiana Manual of Uniform Traffic Control Devices.
9. All construction and materials used within the highway right-of-way must conform to the current Department of Transportation "Standard Specifications" with the permittee being considered in the same status as the contractor.
10. The permitted operations shall not interfere with any existing structure on the Department of Transportation right-of-way without specific permission in writing from the Department of Transportation. In the event that any buildings, railings, traffic control devices, or other structures are damaged, said cost of the removal and/or damage shall be borne by the permittee.
11. This permit does not apply to any State roads or bridges that are closed for construction purposes, or to any county roads or city streets.
12. Approval of the permit application shall be subject to the permittee obtaining all necessary authorizations from local authorities and complying with all applicable laws. The issuance of the permit shall in no way imply Department of Transportation approval of, or be intended to influence any action pending before a local board, commission, or agency.
13. The permitted operations shall be allowed on state highway right-of-way only between sunrise and sunset and shall not be performed on Saturdays, Sundays, or during the period beginning at 12:00 Noon on the last weekday (Monday through Friday) preceding and continuing until Sunrise on the day following: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas.
14. In accordance with the notice requirements of Indiana Code 4-22-1-25, any objection to the conditions and provisions of an approved permit must be submitted in writing to the Department of Transportation within fifteen (15) days from the issue date.

NEPETA - SIX HILLS GIANT

MORNING LIGHT
MISCANTHUS

CREEPING THYME
'RUBY GLOW'

ELECTRIC POLES

GALLARDIA 'COMMOTION TIZZY'

FIRE HYDRANT

ZAGREB COREOPSIS

UNLOCK OLD QUARRY
RETAINING WALL 24" TALL
COFFEE CREEK COLOR WITH
COPTHORNE BANDING

MIXED DAYLILY

UNLOCK BRUSSEL PAVER SIDEWALK
(RANDOM PATTERN) - COFFEE CREEK COLOR

Revision #: 0

Date: 9/2/2010

Scale:

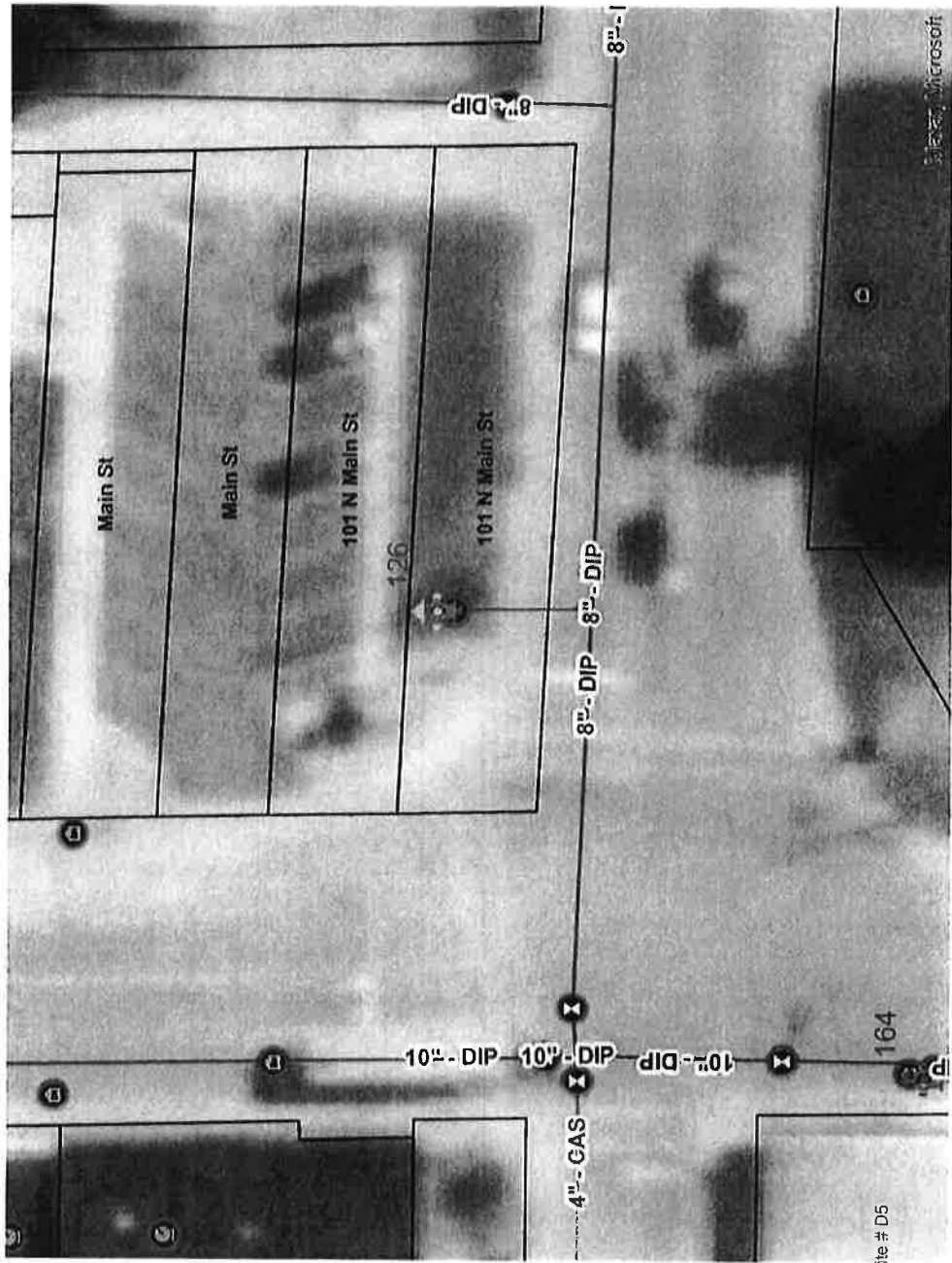
0' 1" = 16' 0"

Landscape Plan: 1

Hebron Clock Tower

Landscape Design by: Dean W. Ricci, Jr.

Ricci's Landscape Management, Inc.



Office of Clerk~Treasurer
219-996-4641
Fax 219-996-7494



P.O. Box 478
107 N. Main Street
Hebron, IN 46341

TOWN OF HEBRON
I N D I A N A

June 1, 2023

Jean Mary Cetoute
Utility & Railroad Coordinator
315 East Boyd Boulevard
LaPorte, IN 46350

RE: Excess Land Disposal
US 231, Porter, La Porte, 4287-27,30

Ms. Cetoute:

In response to your email dated May 16, 2023, the Town of Hebron requesting that the property located at the intersection of US 231 and IN 8, Porter County, Indiana Parcel 30 and Parcel 27 (parking lot and green space) be dedicated/transferred to the Town of Hebron. The Town of Hebron has maintained these Parcels since the completion of the Main Street Project. This project was between the State of Indiana and the Town of Hebron. Since the completion of the Main Street Project, the Town has installed a water line, fire hydrant, a dedicated clock tower surrounded by memorial stones, and benches on Parcels 27 and 30. All of which were approved by the State prior to installation.

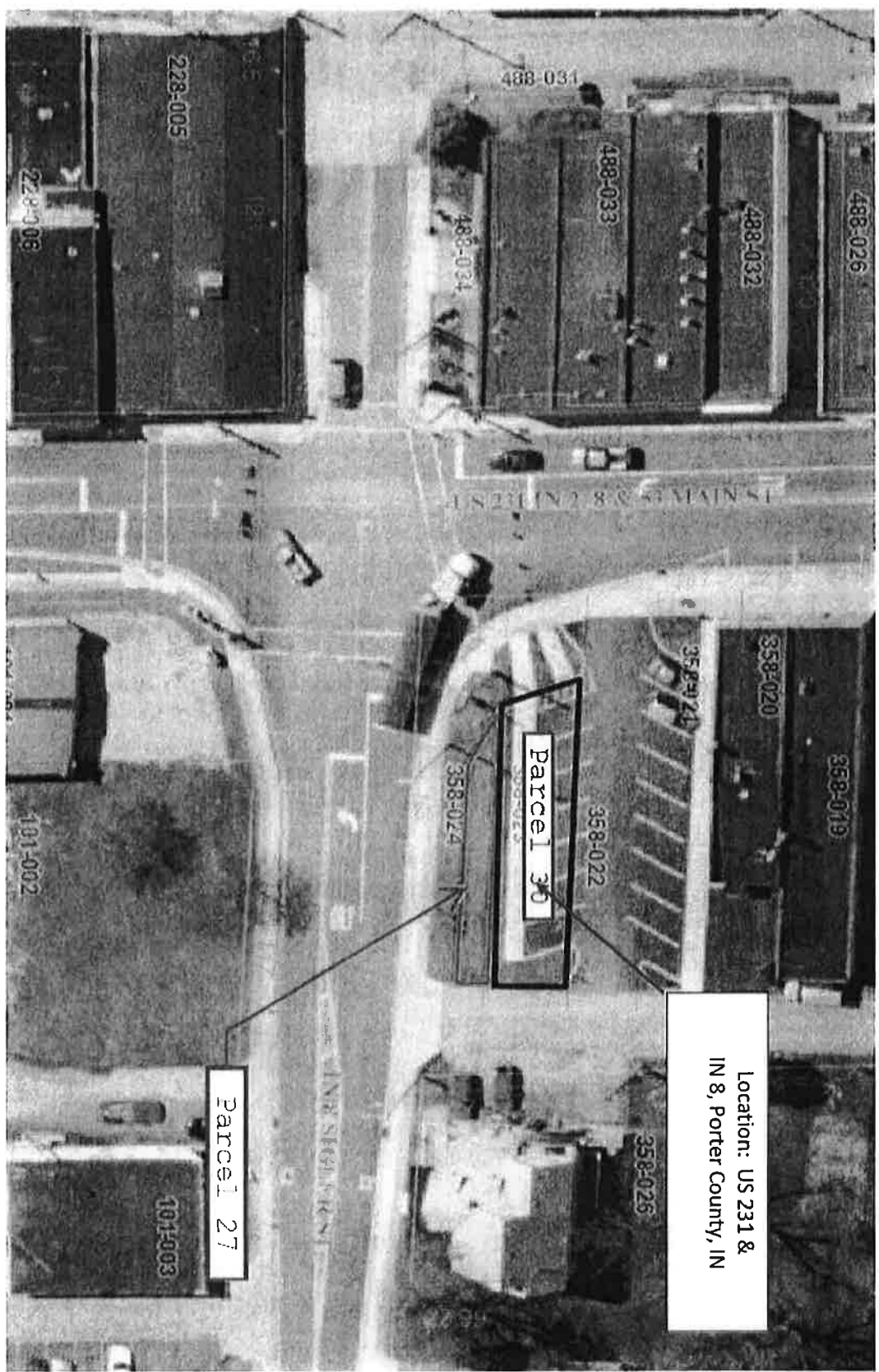
If you have any questions or require more information, please feel free to contact me.

Sincerely,

John Spinks, Jr., President
Hebron Town Council

COPY

Excess ROW, LARW, Easement Interest
US 231 & IN 8, Porter County, IN



Location: US 231 &
IN 8, Porter County, IN

Parcel 27

Parcel 30

INDOT LaPorte District
315 E Boyd Boulevard
LaPorte, IN 46350



RIGHT OF WAY PERMIT

State Form 41769 (R5 / 3-00)

Approve by State Board of Accounts, 2000

Approved by Auditor of State, 2000

**STATE OF INDIANA
INDIANA DEPARTMENT OF TRANSPORTATION**

Type of Permit: Cut Road / Misc.		
<input checked="" type="checkbox"/> Excavation <input type="checkbox"/> Pole Line <input type="checkbox"/> Bridge Attachment <input type="checkbox"/> Miscellaneous		
District LaPorte	Subdistrict	Telephone number (219) 996-4641
Project locations: Northeast corner of US 231 and State Rd. 2 in the Town of Hebron, Porter Co., IN.		Reference pt. number
Project description: Erection of a clock and landscape project consisting of plantings and pavers and a clock (photo attached) all per the attached landscape plan from Biecl's Landscape Management Inc. dated Sept. 2, 2010 (a copy of which is attached). None of the installation other than the clock tower will exceed 24 inches in height and will be constructed on part of the existing parking lot. All costs will be borne by the Town of Hebron.		
Project purpose: main street beautification.		
Bond required: <input type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, Penal Sum \$	Bond number waived N/A
PERMIT FEE: (Make check or bank draft payable to "Indiana Department of Transportation")		\$ N/A waived
SPECIAL PROVISIONS:		
<small>THE APPLICANT AGREES TO INDEMNIFY, DEFEND, EXCULPATE, AND HOLD HARMLESS THE STATE OF INDIANA, ITS OFFICIALS AND EMPLOYEES FROM ANY LIABILITY DUE TO LOSS, DAMAGE, INJURIES, OR OTHER CASUALTIES OF WHATSOEVER KIND, OR BY WHOMSOEVER CAUSED, TO THE PERSON OR PROPERTY OF ANYONE ON OR OFF THE RIGHT-OF-WAY ARISING OUT OF, OR RESULTING FROM THE ISSUANCE OF THIS PERMIT OR THE WORK CONNECTED THEREWITH, OR FROM THE INSTALLATION, EXISTENCE, USE, MAINTENANCE, CONDITIONS, REPAIRS, ALTERATION, OR REMOVAL OF ANY EQUIPMENT OR MATERIAL, WHETHER DUE IN WHOLE OR IN PART TO THE NEGLIGENT ACTS OR OMISSIONS (1) OF THE STATE, ITS OFFICIALS, AGENTS, OR EMPLOYEES; OR (2) OF THE APPLICANT, HIS AGENTS, OR EMPLOYEES, OR OTHER PERSONS ENGAGED IN THE PERFORMANCE OF THE WORK, OR (3) THE JOINT NEGLIGENCE OF ANY OF THEM; INCLUDING ANY CLAIMS ARISING OUT OF THE WORKMEN'S COMPENSATION ACT OR ANY OTHER LAW, ORDINANCE, ORDER, OR DECREE. THE APPLICANT ALSO AGREES TO PAY ALL REASONABLE EXPENSES AND ATTORNEY'S FEES INCURRED BY OR IMPOSED ON THE STATE IN CONNECTION HERewith IN THE EVENT THAT THE APPLICANT SHALL DEFAULT UNDER THE PROVISIONS OF THIS PARAGRAPH.</small>		
Signature of permit applicant <i>Jessi Waywood</i>	Printed name of permit applicant Jessi Waywood	
Name of company organization Town of Hebron	Telephone number (219) 996-4641	
Address (number and street, city, state, ZIP code) 106 E. Sigler St., Hebron, IN 46341		
Inspector		
District Regulatory Supervisor		
District Director		

Application number

Road number

County number

Expiration date

Issue date

Permit number

State of Indiana
Department of Transportation
GENERAL PROVISIONS

1. All work described in the permit shall be subject to the inspection of the Department of Transportation and the permittee shall adjust or stop operations upon direction of any police officer or Department of Transportation employee.
2. The permit may be rescinded at any time by the Department of Transportation at its discretion or for noncompliance with any and/or all provisions of said permit.
3. The permittee shall notify the Department of Transportation Subdistrict five (5) working days preceding the beginning of any work activity.
4. The permittee shall notify the Department of Transportation Subdistrict that the work is complete and this notice is to be provided within seven (7) days from completion of all work on this permit.
5. The permittee shall have the permit complete with drawings and special provisions in their possession during work operations and will show said permit on demand, to any police officer or authorized Department of Transportation employee.
6. The permittee shall pay the Department of Transportation for any inspection costs where it is necessary to assign a Department of Transportation employee to inspect the work. The permittee shall immediately reimburse the State upon receipt of an itemized statement.
7. The permit is valid through the stated expiration date. If work is not completed within the allotted time, the permit is automatically cancelled unless an extension is requested prior to the expiration date and said request is approved by the Department of Transportation. If a permit is cancelled, a new application must be submitted and approved before the proposed work can be accomplished.
8. The permittee shall erect and maintain all necessary signs, barricades, detour signs, and warning devices required to safely direct traffic over or around the part of the highway where permitted operations are to be done so long as the work does not interfere with traffic, in accordance with Section "VI" of the Indiana Manual of Uniform Traffic Control Devices.
9. All construction and materials used within the highway right-of-way must conform to the current Department of Transportation "Standard Specifications" with the permittee being considered in the same status as the contractor.
10. The permitted operations shall not interfere with any existing structure on the Department of Transportation right-of-way without specific permission in writing from the Department of Transportation. In the event that any buildings, railings, traffic control devices, or other structures are damaged, said cost of the removal and/or damage shall be borne by the permittee.
11. This permit does not apply to any State roads or bridges that are closed for construction purposes, or to any county roads or city streets.
12. Approval of the permit application shall be subject to the permittee obtaining all necessary authorizations from local authorities and complying with all applicable laws. The issuance of the permit shall in no way imply Department of Transportation approval of, or be intended to influence any action pending before a local board, commission, or agency.
13. The permitted operations shall be allowed on state highway right-of-way only between sunrise and sunset and shall not be performed on Saturdays, Sundays, or during the period beginning at 12:00 Noon on the last weekday (Monday through Friday) preceding and continuing until Sunrise on the day following: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas.
14. In accordance with the notice requirements of Indiana Code 4-22-1-25, any objection to the conditions and provisions of an approved permit must be submitted in writing to the Department of Transportation within fifteen (15) days from the issue date.

NEPETA - SIX HILLS GIANT

MORNING LIGHT
MISCANTHUS

CREEPING THYME
'RUBY GLOW'

ELECTRIC POLES

GALLARDIA 'COMMOTION TIZZY'

FIRE HYDRANT

ZAGREB COREOPSIS

UNLOCK OLD QUARRY
RETAINING WALL 24" TALL
COFFEE CREEK COLOR WITH
COPTHORNE BANDING

MIXED DAYLILY

UNLOCK BRUSSEL PAVER SIDEWALK
(RANDOM PATTERN) - COFFEE CREEK COLOR

Revision #: 0

Date: 9/2/2010

Scale:

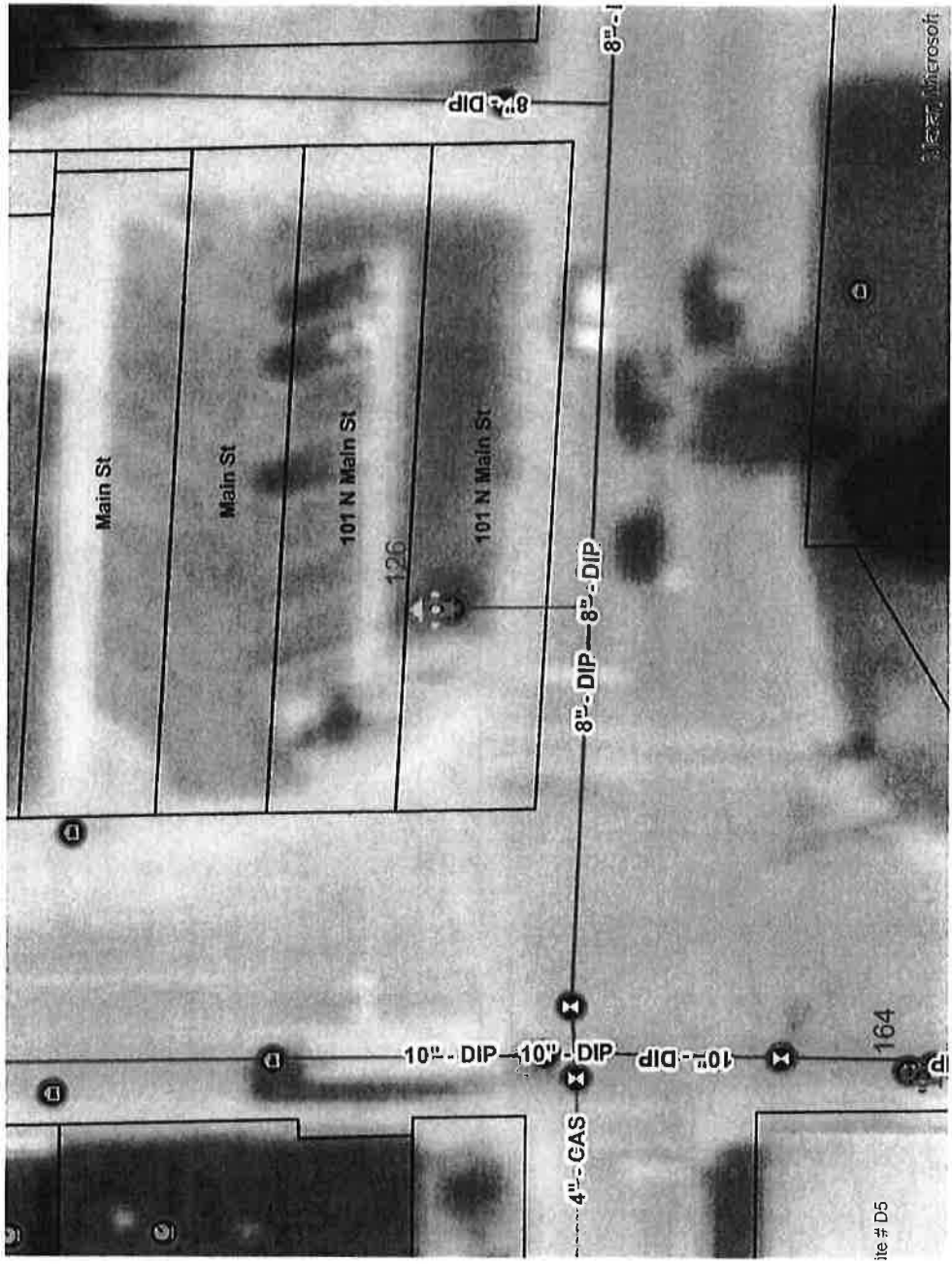
0' 1" = 16' 0"

Landscape Plan: 1

Hebron Clock Tower

Landscape Design by: Dean W. Ricci, Jr.

Ricci's Landscape Management, Inc.





Work Order Report Summary

Document 221205

Hebron Public Works Department

Year: 2023

Month	Work Orders	Employee Cost	Equipment Cost	Material Cost	Inventory Cost	Total
January	110	\$10,790.00	\$4,641.62	\$2,222.65	\$790.74	\$18,445.01
February	93	\$7,636.50	\$3,322.69	\$320.00	\$460.00	\$11,739.19
March	133	\$8,687.50	\$4,282.87	\$492.00		\$13,462.37
April	86	\$5,875.00	\$2,998.39			\$8,873.39
May	142	\$11,398.00	\$8,703.74			\$20,101.74
June						
July						
August						
September						
October						
November						
December						
Total	564	\$44,387.00	\$23,949.31	\$3,034.65	\$1,250.74	\$72,621.70

Year To Date Summary

Department	Work Orders	Employee Cost	Equipment Cost	Material Cost	Inventory Cost	Total
Parks	14	\$3,017.50	\$2,194.45			\$5,211.95
Public Works	215	\$9,716.25	\$2,624.86			\$12,341.11
Sewer	20	\$1,949.00	\$1,635.51			\$3,584.51
Storm Water	19	\$3,775.00	\$2,844.13			\$6,619.13
Street	49	\$18,162.50	\$10,988.82	\$2,332.00		\$31,483.32
Water	247	\$7,766.75	\$3,661.54	\$702.65	\$1,250.74	\$13,381.68

Work Orders

Work Type	Work Orders	Employee Cost	Equipment Cost	Material Cost	Inventory Cost	Total
Limb Pick-up	4	\$2,412.50	\$1,997.11			\$4,409.61
Leaf Pick-up	4	\$850.00	\$851.28			\$1,701.28
Snow Removal	6	\$4,937.50	\$3,059.00	\$2,080.00		\$10,076.50
Pot Hole Repair	6	\$4,950.00	\$2,420.55	\$252.00		\$7,622.55
Data Log	24	\$375.00	\$114.40			\$489.40
Water Main Break	3	\$2,625.00	\$771.60	\$277.00	\$328.22	\$4,001.82
Utility Locates	208	\$9,587.50	\$2,537.66			\$12,125.16
Collection System Main.	8	\$286.50	\$202.12			\$488.62
Sewer Back-up	6	\$1,012.50	\$688.79			\$1,701.29

Mowing

Parks	8	\$2,367.50	\$1,989.00			\$4,356.50
Storm Water	7	\$1,650.00	\$1,346.40			\$2,996.40
Street	7	\$1,050.00	\$856.80			\$1,906.80

Bulk Water Use

Work Type	Work Orders	Employee Cost	Equipment Cost	Water Used Gallons	Total
Water Leak	11	\$175.00	\$57.20	49,087	\$232.20
Pool Fill	5	\$100.00	\$31.20	18,714	\$131.20
Bulk Water Sale					

MEMORANDUM

To: Randy Decker, Utility Superintendent

From: Robert Holden, Wessler Engineering

Date: 6 June 2023

Re: WWTP Proposed Expansion Summary

Project No.: 245821

The purpose of this summary is to anticipate future flows and plant expansions that will require additional wastewater treatment within the Town of Hebron. Anticipated developments consist of Park Ridge (280 single family homes) and Windy Hill (300 single family homes and 180 duplexes). The Park Ridge development has been issued capacity allocations, with the Windy Hill development indicating they will seek them in the relatively near future. Therefore, with the addition of approximately 600 single family home equivalents and additional projected commercial growth, wastewater generated within the Town will see significant growth. Table 1 presents the anticipated domestic, commercial, and industrial growth that has been projected within the next 20 years for the Town.

Table 1: Current and Future Developments

Developments	Homes	Domestic	Commercial / Industrial	Infiltration & Inflow	Total Flow (MGD)
Current Condition		0.290	0.028	0.071	0.390
Park Ridge (allocated)	280	0.087	0.000	0.010	0.097
Windy Hill	480	0.150	0.000	0.010	0.160
East Side*	50	0.016	0.100	0.010	0.126
Lake County*	800	0.248	0.100	0.010	0.358
Porter County*	385	0.120	0.000	0.010	0.130
Total	1,995	0.911	0.228	0.121	1.261

*Note these proposed developments were provided by Lotton Group.

The levels of growth that are indicated in Table 1 represent development that is currently in process as well as potential future growth that that the Town may need to provide capacity for in the future.

At present, the Hebron wastewater treatment plant (WWTP) has a design average daily flow (ADF) capacity of 0.52 MGD and peak flow capacity of 2.89 MGD (sustained treatment) and 4.32 MGD (total influent capacity). Current three-year influent averages for flows and loads are shown in Table 2.

Table 2: Current Flows and Loadings

Parameter	Current	Plant Rating
Average Design Flow (MGD)	0.389	0.52
Peak Design Flow (MGD)	2.42	2.89
cBOD ₅ Loading (lbs/day)	681	694
TSS Loading (lbs/day)	964	1158
NH ₃ -N Loading (lbs/day)	82	100

Although the WWTP has available volumetric capacity (25% available), the mass loadings range from 2% to 20% available capacity remaining. Therefore, future capacity allocations will require the construction of additional capacity at the WWTP.

In reviewing the potential flows from Table 1 in relation to expansion of the WWTP, incremental expansion will be necessary to provide capacity adequate for anticipated growth while maintaining affordability for the community. Based on these criteria, an initial ADF expansion to 0.7 MGD and peak capacity of 3.5 MGD is proposed. The limiting factor for the ADF increase is the available organic loading capacity increase associated with adding one additional aeration tank. This initial expansion (Expansion #1) would provide enough capacity for the Windy Hill development as well as some future domestic/commercial development that has not yet been identified. This expansion increment was selected to maintain a level of affordability while providing the Town the ability to grow.

To accommodate the longer-term potential growth indicated in Table 1, a second expansion would be necessary in the future. This second expansion was included in the initial planning effort to ensure that facilities can be readily expanded. The second expansion would bring the facility to ADF to 0.96 MGD and a peak capacity of 3.5 MGD. The limiting factor for this second ADF increase is the maximum aeration provided by the existing blowers while maintaining aerobic conditions. Furthermore, as shown in Table 4, an ADF of 1.0 MGD or more will require a phosphorus limit in the plants NPDES permit. This will require an additional building and equipment to provide chemical phosphorus removal.

Expansion #2 would provide capacity for the equivalent of 850 single family homes. To accommodate the longer-term growth indicated in Table 1, a third expansion would be necessary. This third expansion would bring the facility to a 1.56 MGD ADF capacity and 5.46 MGD peak flow capacity. Table 3 presents future flows and loading capacities for the expanded plant after each of the proposed expansion levels. In Table 3, future loadings were based on the generated wastewater having medium strength waste characteristics which are very similar to present characteristics.

Table 3: Future Flows and Loadings

Parameter	Current	Expansion 1	Expansion 2	Expansion 3
Average Design Flow (MGD)	0.389	0.70	0.96	1.56
Peak Design Flow (MGD)	2.42	3.5	3.5	5.46
cBOD ₅ Loading (lbs/day)	681	1,201	1,634	2,635
TSS Loading (lbs/day)	964	1,483	1,916	2,917
NH ₃ -N Loading (lbs/day)	82	147	201	327

To understand the necessary improvements/expansion required for each of the proposed expansion increments, the existing WWTP unit processes and their individual capacities were reviewed against the future flows and loadings for the expansions indicated in Table 3. Table 4 presents the current design capacities as well as the expanded capacities.

Table 4: Plant Expansion Capacity Requirements

Parameter	Existing Plant Rating	Expansion #1	Expansion #2	Expansion #3
Mechanical Bar Screen Capacity (MGD)	4.3	4.3	4.3	5.5
Plant Site Lift Station Pump Capacity (MGD)	4.15	4.15	4.15	5.5
Flow Equalization Volume (MG)	1.67	1.67	1.67	1.67
Aeration Tank Volume (ft ³)	59,400	79,200	118,800	178,200
Air Required (scfm)	550	796	1,100	1,800
Air Provided (scfm)	1,100	1,100	1,100	1,800
Chemical Feed Pumps (gpd) ¹	N/A	N/A	N/A	180
Clarifier Surface Area (ft ²)	2,890	4,480	4,480	6,070
RAS Flow (MGD)	0.78	1.44	1.44	2.34
UV Disinfection Capacity (MGD)	3.5	3.5	3.5	5.5
Digester Volume (ft ³)	39,000	71,000	71,000	103,000
Digester Air Provided (scfm)	382	764	764	764
Digested Sludge for Dewatering (gpd)	3,425	5,250	7,150	13,000

¹ Once a wastewater treatment facility reaches an ADF of 1.0 MGD, Phosphorus limits are included in its NPDES Permit. For Hebron's plant, chemical removal is recommended.

Exhibits 1 and 2 provide proposed layouts for Expansion #1. These two options revolve around constructing a new aeration tank adjacent to the existing tanks or on a greenfield site. Exhibit 2 will require approximately 4 additional acres of land. This additional land is shown in Figure 2. Furthermore, proposed layouts for Expansion #2 and #3 are shown in Figure 1. These layouts are subject to change based on which option the Town would elect to proceed with for Expansion #1.

Based on the capacities indicated in Table 4, the initial WWTP expansion would consist of the following work:

- One (1) new aeration tank (19,800 ft³)
- One (1) new aerobic digester
- One (1) new 45-foot secondary clarifier
- New digester blowers
- New RAS/WAS Pumps
- Instrumentation upgrades

- Electrical upgrades

The estimated construction cost of the proposed WWTP Expansion #1 Option 1 is **\$4,038,000**. The estimated total project cost with land acquisition, legal, financial, and engineering fees is **\$4,850,000**. The estimated construction cost of the proposed WWTP Expansion #1 Option 2 is **\$4,788,000**. The estimated total project cost with land acquisition, legal, financial, and engineering fees is **\$5,830,000**. Please see a detailed breakdown of the cost estimates at the end of this memorandum.

To accommodate the potential future growth, Expansion #2 would consist of the following work:

- Two, new aeration tanks (39,600 ft³)
- One (1) new backup generator
- Electrical upgrades
- Instrumentation upgrades

The estimated construction cost is based on Expansion proceeding with Expansion #1 Option #1 for the proposed WWTP Expansion #2. The estimated construction cost is **\$2,713,000**. The estimated total project cost with land acquisition, legal, financial, and engineering fees is **\$3,340,000**. Please see a detailed breakdown of the cost estimate at the end of this memorandum.

To accommodate the potential future growth, Expansion #3 would consist of the following work:

- New influent screen
- Three, new aeration tanks (59,400 ft³)
- One (1) new 45-foot secondary clarifier
- New chemical storage building, storage tank, and chemical feed pumps (Phosphorus removal)
- New digester blower
- One (1) new aerobic digester
- Instrumentation upgrades
- New raw sewage pumps and wet well
- New aeration blowers
- New RAS/WAS pumps
- New UV Disinfection
- New mechanical dewatering equipment and building
- New covered dewatered sludge storage
- Electrical upgrades

The estimated construction cost of the proposed WWTP Expansion #3 is **\$10,438,000**. The estimated total project cost with legal, financial, and engineering fees is **\$12,530,000**. Please see a detailed breakdown of the cost estimate at the end of this memorandum.

END

LEGEND:



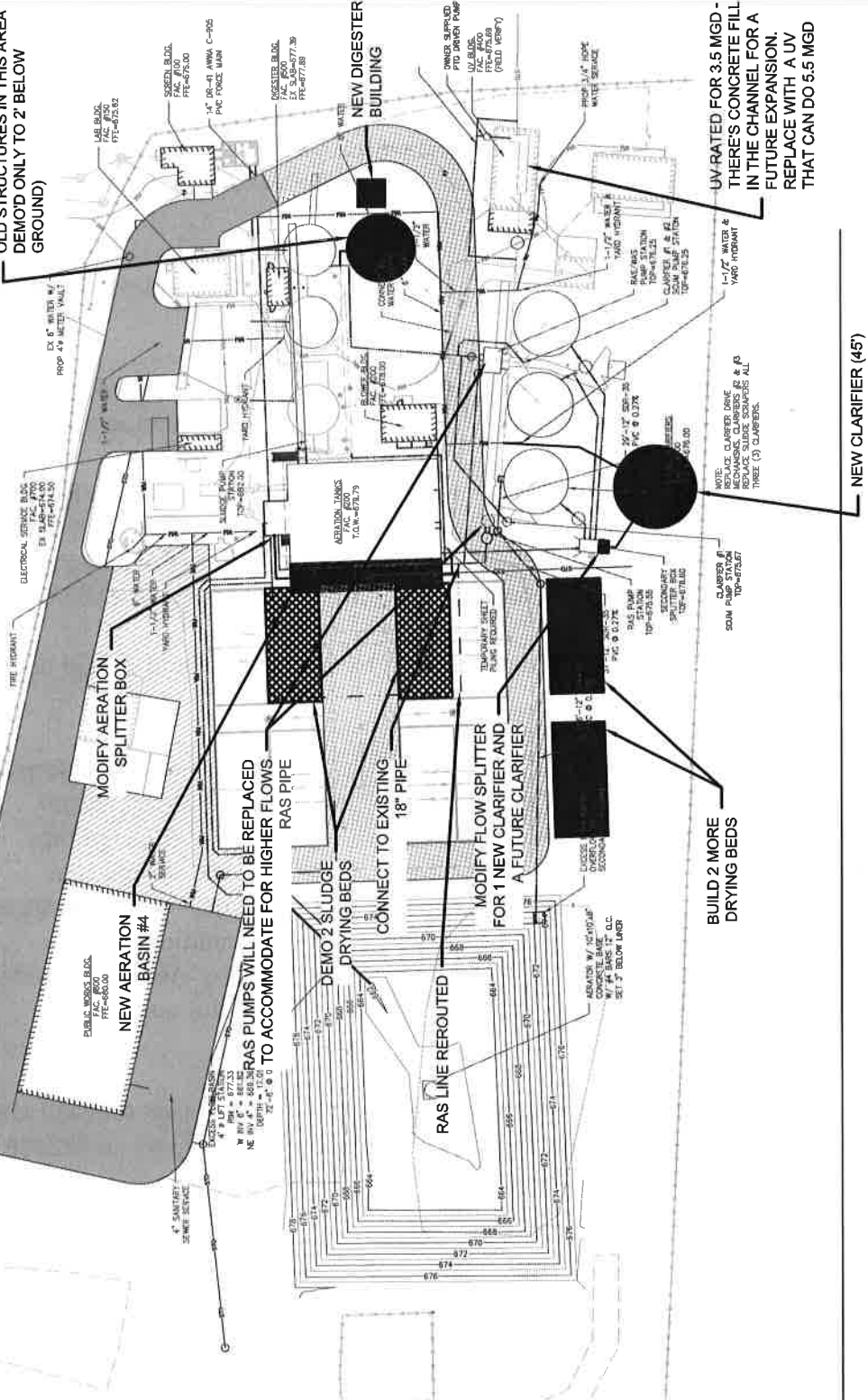
PAVING KEY

[Solid Grey Box]	BASE BID
[Hatched Box]	ALTERNATE 1
[Cross-hatched Box]	ALTERNATE 2

EXPANSION #1:
 ADF - 0.7 MGD
 PEAK THROUGH PLANT - 3.5 MGD
 PEAK PUMPED - 4.15 MGD
 1.5 MGD TO EQ
 NOTE: PLANT DOES NOT HAVE GRIT REMOVAL

EXISTING WWTP:
 ADF - 0.52 MGD
 PEAK THROUGH PLANT - 2.89 MGD
 PEAK PUMPED - 4.15 MGD
 1.5 MGD TO EQ

NEW 37 AEROBIC DIGESTER USING A STEEL TANK (NOTE - OLD STRUCTURES IN THIS AREA DEMO'D ONLY TO 2' BELOW GROUND)



UV RATED FOR 3.5 MGD - THERE'S CONCRETE FILL IN THE CHANNEL FOR A FUTURE EXPANSION. REPLACE WITH A UV THAT CAN DO 5.5 MGD

NOTE: CLARIFIER ONE MECHANICAL CLARIFIERS AS REPLACED. SUDGE SCUMPER ALL THREE (3) CLARIFIERS.

BUILD 2 MORE DRYING BEDS

NEW CLARIFIER (45)

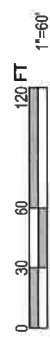
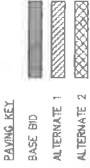


EXHIBIT 1
 EXPANSION #1 OPTION 1
 WWTP STUDY
 TOWN OF HEBRON, INDIANA

LEGEND:



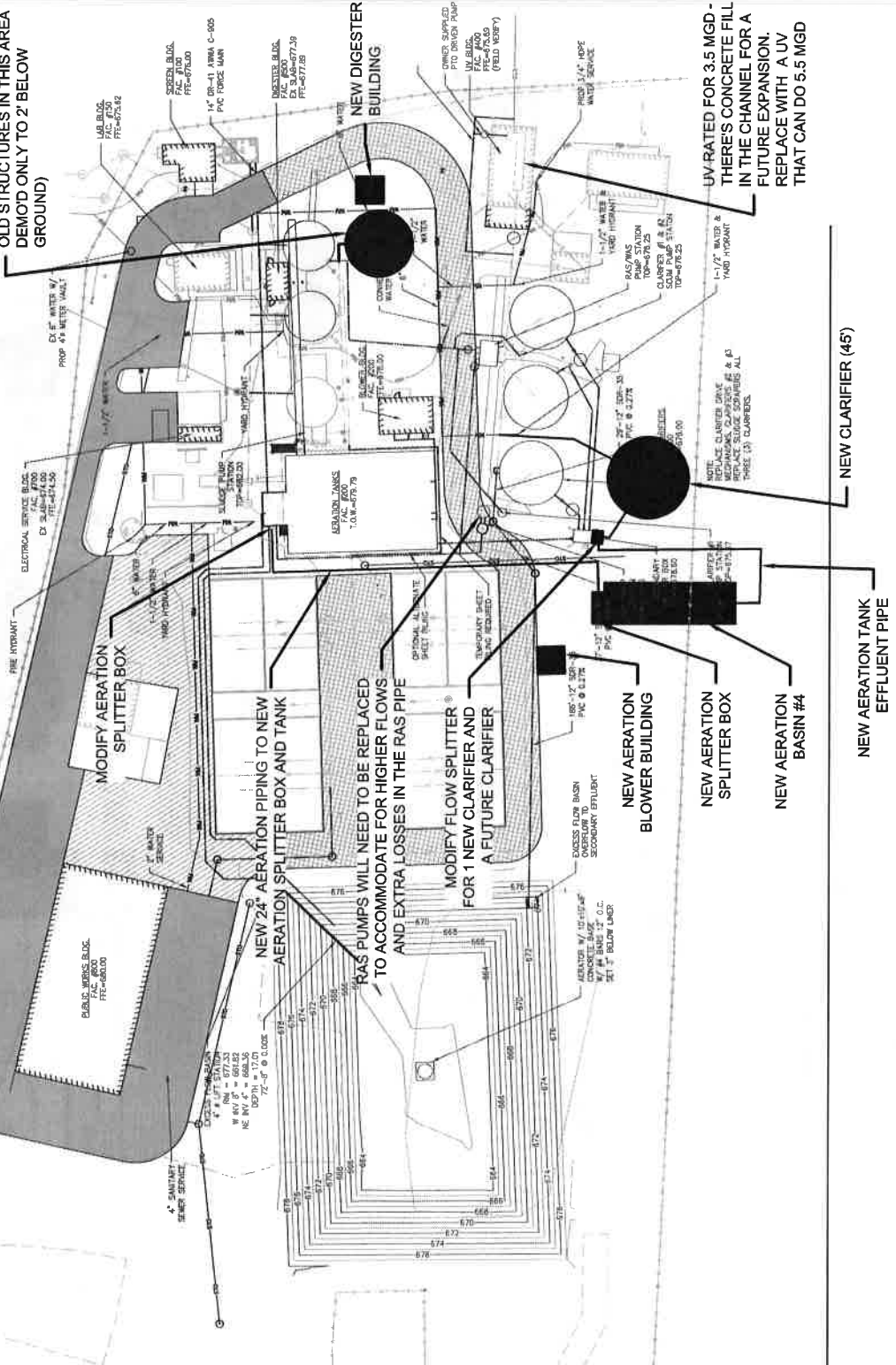
EXPANSION #1:
ADF - 0.7 MGD
PEAK THROUGH PLANT - 3.5 MGD
PEAK PUMPED - 4.15 MGD
1.5 MGD TO EQ
REMOVAL

NOTE: PLANT DOES NOT HAVE GRIT REMOVAL

EXISTING WWTP:
ADF - 0.52 MGD
PEAK THROUGH PLANT - 2.89 MGD
PEAK PUMPED - 4.15 MGD
1.5 MGD TO EQ



NEW 37' AEROBIC DIGESTER USING A STEEL TANK. (NOTE - OLD STRUCTURES IN THIS AREA DEMO ONLY TO 2' BELOW GROUND)

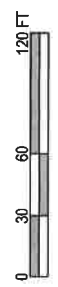


NEW 24' AERATION PIPING TO NEW AERATION SPLITTER BOX AND TANK

RAS PUMPS WILL NEED TO BE REPLACED TO ACCOMMODATE FOR HIGHER FLOWS AND EXTRA LOSSES IN THE RAS PIPE

MODIFY FLOW SPLITTER FOR 1 NEW CLARIFIER AND A FUTURE CLARIFIER

UV RATED FOR 3.5 MGD - THERE'S CONCRETE FILL IN THE CHANNEL FOR A FUTURE EXPANSION. REPLACE WITH A UV THAT CAN DO 5.5 MGD





EXPANSION #3:
ADF - 1.56 MGD
PEAK THROUGH PLANT - 5.46 MGD
PEAK PUMPED - 7.00 MGD
1.5 MGD TO EQ

EXPANSION #2:
ADF - 0.96 MGD
PEAK THROUGH PLANT - 3.5 MGD
PEAK PUMPED - 4.15 MGD
1.5 MGD TO EQ
NOTE: PLANT DOES NOT HAVE GRIT REMOVAL

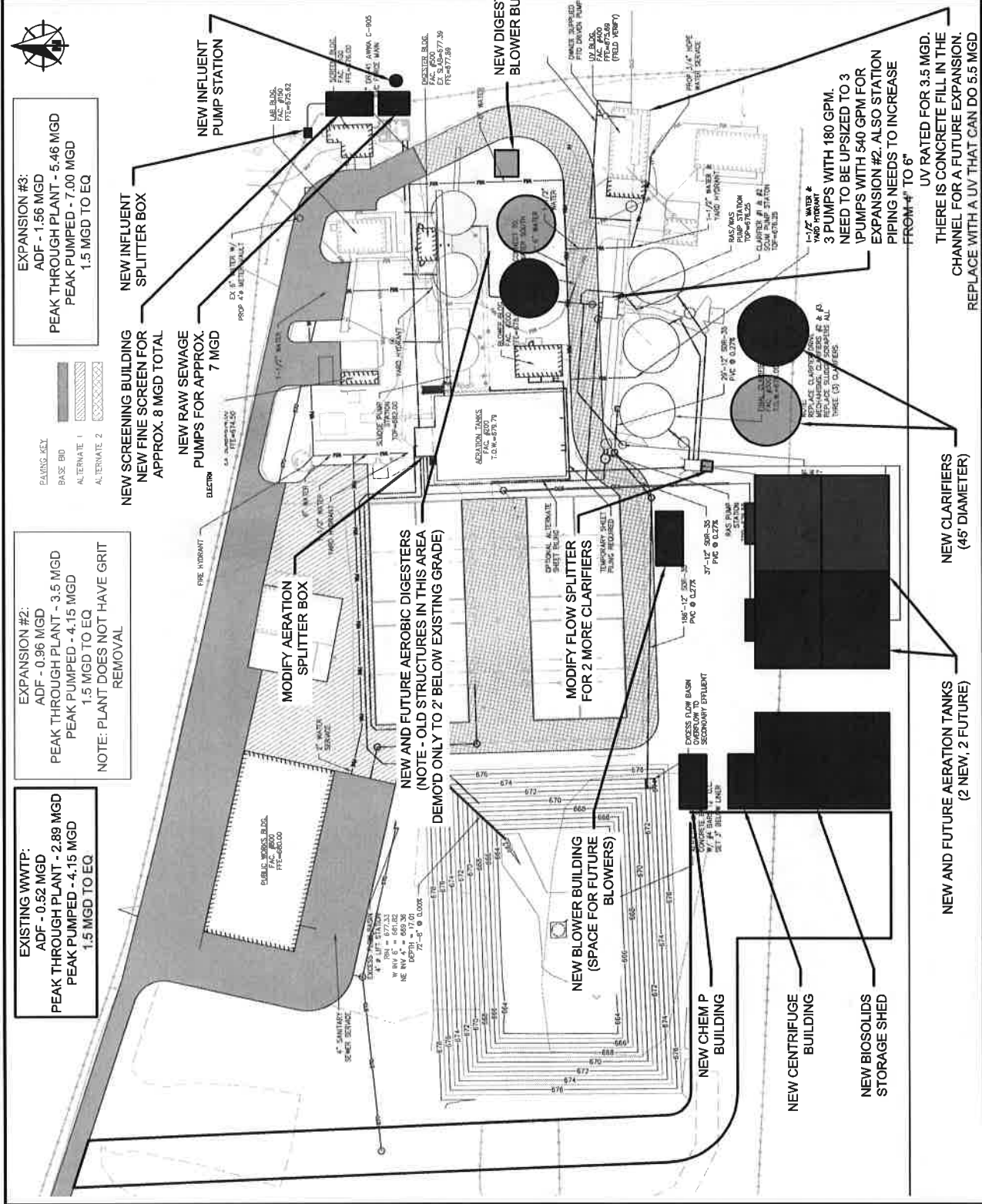
EXISTING WWTP:
ADF - 0.52 MGD
PEAK THROUGH PLANT - 2.89 MGD
PEAK PUMPED - 4.15 MGD
1.5 MGD TO EQ

LEGEND:
[Symbol] PROVIDED IN EXPANSION NO. 1



FIGURE 1
WWTP STUDY
TOWN OF HEBRON, INDIANA

MAY 2023
263123-03-02WW01
PG. 1



UV RATED FOR 3.5 MGD.
THERE IS CONCRETE FILL IN THE CHANNEL FOR A FUTURE EXPANSION.
REPLACE WITH A UV THAT CAN DO 5.5 MGD

NEW CLARIFIERS
(45' DIAMETER)

NEW AND FUTURE AERATION TANKS
(2 NEW, 2 FUTURE)

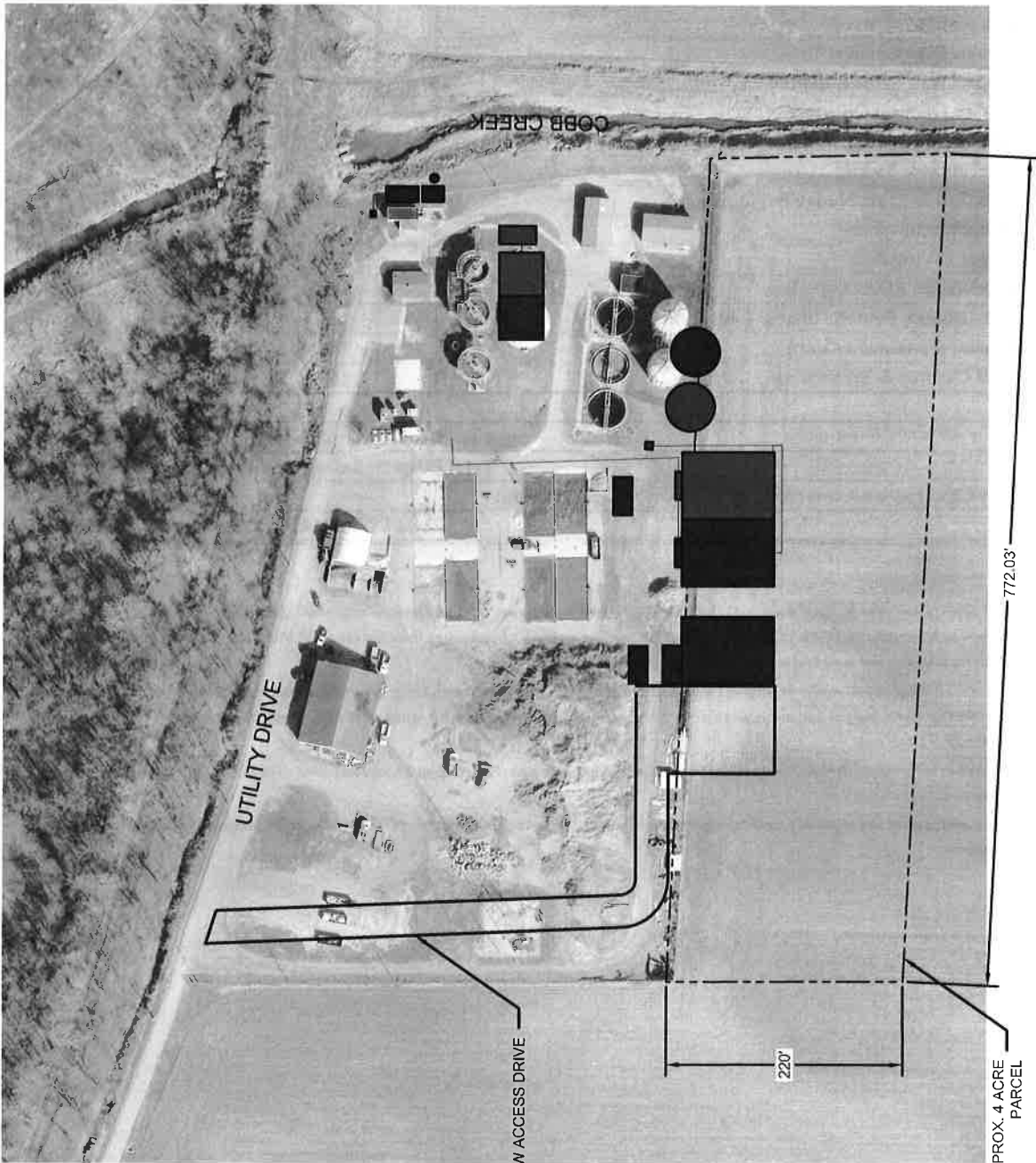
1-1/2" WATER & 1/4" HYDRANT
3 PUMPS WITH 180 GPM.
NEED TO BE UPSIZED TO 3
PUMPS WITH 540 GPM FOR
EXPANSION #2. ALSO STATION
PIPING NEEDS TO INCREASE
FROM 4" TO 6"

MECHANICAL CHASSIS #2 & #3
REPLACE CLARIFIER ALL
PIPING TO CLARIFIERS

NEW AND FUTURE AEROBIC DIGESTERS
(NOTE - OLD STRUCTURES IN THIS AREA
DEMOLD ONLY TO 2' BELOW EXISTING GRADE)

NEW BLOWER BUILDING
(SPACE FOR FUTURE
BLOWERS)

MODIFY FLOW SPLITTER
FOR 2 MORE CLARIFIERS
TEMPORARY SHEET
PIPING REQUIRED



LEGEND:



FIGURE 2

WWTP STUDY
TOWN OF HEBRON, INDIANA

MAY 2023
263123-03-02WW01
PG. 2

Proposed WWTP Expansion #1 Option 1 Total Estimated Project Cost

Engineer's Preliminary Opinion of Probable Construction Costs

Item	Description	Est Qty	Unit	Unit Price	Total Price
1	Aeration Tank Slab	110	CY	\$ 1,600	\$ 180,000
2	Aeration Tank Walls	150	CY	\$ 1,700	\$ 260,000
3	Aeration Tank Equipment	1	LS	\$ 90,000	\$ 90,000
4	Aeration Split Structure Modification	1	LS	\$ 50,000	\$ 50,000
5	Secondary Clarifier Slab	140	CY	\$ 1,600	\$ 220,000
6	Secondary Clarifier Wall	170	CY	\$ 1,700	\$ 290,000
7	Clarifier Equipment	1	EA	\$ 260,000	\$ 260,000
8	Clarifier Split Structure Modification	1	LS	\$ 100,000	\$ 100,000
9	RAS pumps	5	EA	\$ 15,000	\$ 80,000
10	Aerobic Digester Steel Tank	1	LS	\$ 145,000	\$ 150,000
11	Aerobic Digester Foundation	150	CY	\$ 1,600	\$ 240,000
12	Aerobic Digester Diffusers	1	LS	\$ 87,000	\$ 90,000
13	Aerobic Digester Blower	1	LS	\$ 72,500	\$ 70,000
14	Excavation & Backfill	1,300	CY	\$ 70	\$ 90,000
15	Demolish Existing Sludge Drying Beds	2	EA	\$ 20,000	\$ 40,000
16	Piping Modifications	1	LS	\$ 130,000	\$ 130,000
17	Sludge Drying Beds	2	EA	\$ 70,000	\$ 140,000
18	Electrical/SCADA Upgrades	1	LS	\$ 446,400	\$ 450,000
19	Mobilization, Demob., Bonds, & Insurance	1	LS	\$ 146,500	\$ 150,000
20	Erosion & Sediment Control	1	LS	\$ 29,300	\$ 30,000
21	Final Cleanup & Restoration	1	LS	\$ 117,200	\$ 120,000
Subtotal					\$ 3,230,000
25% Contingency					\$ 808,000
Total Estimated Construction Costs					\$ 4,038,000
Non-Construction Costs (20% Legal, Financial, Engineering)					\$ 807,600
Total Estimated Project Costs					\$ 4,850,000

Notes:

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- 2 The cost estimates are based on past similar projects and were made without the benefit of field survey, design plans and specifications. These estimates are provided on the basis of the Engineer's qualifications and experience. Wessler Engineering makes no warranty, expressed or implied, as to the accuracy of such cost estimates as compared to bids or actual costs.
- 3 The project area was not reviewed for compliance with ADA guidelines. Construction costs for ADA curb ramps and other ADA facilities are not included in these cost estimates.
- 4 All work is assumed to occur within existing rights-of-way and easements. Non-construction costs for property research and land acquisition are not included in these cost estimates.

Proposed WWTP Expansion #1 Option 2 Total Estimated Project Cost

Engineer's Preliminary Opinion of Probable Construction Costs

Item	Description	Est Qty	Unit	Unit Price	Total Price
1	Aeration Tank Slab	110	CY	\$ 1,600	\$ 180,000
2	Aeration Tank Walls	250	CY	\$ 1,700	\$ 430,000
3	Aeration Tank Equipment	1	LS	\$ 240,000	\$ 240,000
4	New Aeration Split Structure	1	LS	\$ 75,000	\$ 80,000
5	RAS Pumps	2	EA	\$ 15,000	\$ 30,000
6	Secondary Clarifier Slab	140	CY	\$ 1,600	\$ 220,000
7	Secondary Clarifier Wall	170	CY	\$ 1,700	\$ 290,000
8	Clarifier Equipment	1	EA	\$ 260,000	\$ 260,000
9	Clarifier Split Structure Modification	1	LS	\$ 100,000	\$ 100,000
10	Aerobic Digester Foundation	150	CY	\$ 1,600	\$ 240,000
11	Aerobic Digester Steel Tank	1	LS	\$ 145,000	\$ 150,000
12	Aerobic Digester Diffusers	1	LS	\$ 87,000	\$ 90,000
13	Aerobic Digester Blower	1	LS	\$ 72,500	\$ 70,000
14	Excavation & Backfill	1,010	CY	\$ 70	\$ 70,000
15	Generator	1	LS	\$ 400,000	\$ 400,000
16	Piping Modifications	1	LS	\$ 110,000	\$ 110,000
17	Electrical/SCADA Upgrades	1	LS	\$ 532,800	\$ 530,000
18	Mobilization, Demob., Bonds, & Insurance	1	LS	\$ 174,500	\$ 170,000
19	Erosion & Sediment Control	1	LS	\$ 34,900	\$ 30,000
20	Final Cleanup & Restoration	1	LS	\$ 139,600	\$ 140,000
Subtotal					\$ 3,830,000
25% Contingency					\$ 958,000
Total Estimated Construction Costs					\$ 4,788,000
Land Acquisition		4	AC	20000	\$ 80,000
Non-Construction Costs (20% Legal, Financial, Engineering)					\$ 957,600
Total Estimated Project Costs					\$ 5,830,000

Notes:

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- 2 The cost estimates are based on past similar projects and were made without the benefit of field survey, design plans and specifications. These estimates are provided on the basis of the Engineer's qualifications and experience. Wessler Engineering makes no warranty, expressed or implied, as to the accuracy of such cost estimates as compared to bids or actual costs.
- 3 The project area was not reviewed for compliance with ADA guidelines. Construction costs for ADA curb ramps and other ADA facilities are not included in these cost estimates.
- 4 All work is assumed to occur within existing rights-of-way and easements. Non-construction costs for property research and land acquisition are not included in these cost estimates.

Proposed WWTP Expansion 2 Total Estimated Project Cost

Engineer's Preliminary Opinion of Probable Construction Costs

Item	Description	Est Qty	Unit	Unit Price	Total Price
1	Aeration Tank Slab	210	CY	\$ 1,600	\$ 340,000
2	Aeration Tank Walls	290	CY	\$ 1,700	\$ 490,000
3	Aeration Tank Equipment	1	LS	\$ 180,000	\$ 180,000
4	Aeration Split Structure Modification	1	LS	\$ 110,000	\$ 110,000
5	Excavation & Backfill	400	CY	\$ 70	\$ 30,000
6	Piping Modifications	1	LS	\$ 120,000	\$ 120,000
7	Generator	1	LS	\$ 400,000	\$ 400,000
8	Electrical/SCADA Upgrades	1	LS	\$ 300,600	\$ 300,000
9	Mobilization, Demob., Bonds, & Insurance	1	LS	\$ 98,500	\$ 100,000
10	Erosion & Sediment Control	1	LS	\$ 19,700	\$ 20,000
11	Final Cleanup & Restoration	1	LS	\$ 78,800	\$ 80,000
Subtotal					\$ 2,170,000
25% Contingency					\$ 543,000
Total Estimated Construction Costs					\$ 2,713,000
	Land Acquisition	4	AC	20000	\$ 80,000
	Non-Construction Costs (20% Legal, Financial, Engineering)				\$ 542,600
Total Estimated Project Costs					\$ 3,340,000

Preliminary Engineer's Opinion of Non-Construction Costs

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The cost estimates are based on past similar projects and were made without the benefit of field survey, design plans and specifications. These estimates are provided on the basis of the Engineer's qualifications and experience. Wessler Engineering makes no warranty, expressed or implied, as to the accuracy of such cost estimates as compared to bids or actual costs.

The project area was not reviewed for compliance with ADA guidelines. Construction costs for ADA curb ramps and other ADA facilities are not included in these cost estimates.

All work is assumed to occur within existing rights-of-way and easements. Non-construction costs for property research and land acquisition are not included in these cost estimates.

Proposed WWTP Expansion 3 Total Estimated Project Cost

Engineer's Preliminary Opinion of Probable Construction Costs

Item	Description	Est Qty	Unit	Unit Price	Total Price
1	Influent Splitter Box	1	LS	\$ 20,000	\$ 20,000
2	Screening Building	600	SF	\$ 300	\$ 180,000
3	Fine Screen	1	EA	\$ 145,000	\$ 150,000
4	Influent Wet Well	90	CY	\$ 1,600	\$ 140,000
5	Influent Pumps	1	LS	\$ 580,000	\$ 580,000
6	Aeration Tank Slab	310	CY	\$ 1,600	\$ 500,000
7	Aeration Tank Walls	430	CY	\$ 1,700	\$ 730,000
8	Aeration Tank Equipment	1	LS	\$ 480,000	\$ 480,000
9	Aeration Split Structure Modification	1	LS	\$ 110,000	\$ 110,000
10	RAS/WAS Pumps	5	EA	\$ 35,000	\$ 180,000
11	Secondary Clarifier Slab	140	CY	\$ 1,600	\$ 220,000
12	Secondary Clarifier Wall	170	CY	\$ 1,700	\$ 290,000
13	Clarifier Equipment	1	EA	\$ 260,000	\$ 260,000
14	Clarifier Split Structure Modification	1	LS	\$ 100,000	\$ 100,000
15	UV System & Channel Modification	1	LS	\$ 250,000	\$ 250,000
16	Aerobic Digester Foundation	150	CY	\$ 1,600	\$ 240,000
17	Aerobic Digester Steel Tank	1	LS	\$ 145,000	\$ 150,000
18	Aerobic Digester Diffusers	1	LS	\$ 87,000	\$ 90,000
19	Aerobic Digester Blower	1	LS	\$ 72,500	\$ 70,000
20	Long Term Storage	5,900	SF	\$ 35	\$ 210,000
21	Dewatering Building Foundation	130	SYS	\$ 150	\$ 20,000
22	Dewatering Building	1,125	SF	\$ 300	\$ 340,000
23	Centrifuge Equipment	1	LS	\$ 600,000	\$ 600,000
24	Chemical Building Foundation	100	SYS	\$ 150	\$ 20,000
25	Chemical Storage Building	900	SF	\$ 300	\$ 270,000
26	Chemical Storage Tanks	1	EA	\$ 36,000	\$ 40,000
27	Chemical Feed Pumps & Piping	1	LS	\$ 60,000	\$ 60,000
28	Excavation & Backfill	1,810	CY	\$ 70	\$ 130,000
29	Piping Modifications	1	LS	\$ 250,000	\$ 250,000
30	Electrical/SCADA Upgrades	1	LS	\$ 1,009,800	\$ 1,010,000
31	Mobilization, Demob., Bonds, & Insurance	1	LS	\$ 331,000	\$ 330,000
32	Erosion & Sediment Control	1	LS	\$ 66,200	\$ 70,000
33	Final Cleanup & Restoration	1	LS	\$ 264,800	\$ 260,000
Subtotal					\$ 8,350,000
25% Contingency					\$ 2,088,000
Total Estimated Construction Costs					\$ 10,438,000
Non-Construction Costs (20% Legal, Financial, Engineering)					\$ 2,087,600
Total Estimated Project Costs					\$ 12,530,000

Notes:

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