



## **Board of Public Works & Safety and Stormwater Board**

Regular Meeting Agenda

**4:00 p.m., November 14, 2024**

Goshen Police & Court Building, 111 East Jefferson Street, Goshen, Indiana

*To access online streaming of the meeting, go to <https://goshenindiana.org/calendar>*

### **Call to Order by Mayor Gina Leichty**

**Approval of Minutes:** Unavailable

### **Approval of Agenda**

**1) Open Sealed Bids:** For the purchase of a **Trailer Mounted Sewage Bypass Pump** for the City's Wastewater Treatment Plant and refer the bids to the Engineering Department

**2) Fire Department request:** Approve the hiring of **Charles Holderbaum** as a Probationary Firefighter, effective Friday, Nov. 15, 2024

**3) Fire Department request:** Approve the hiring of **Brian Guerra** as a Probationary Firefighter, effective Friday, Nov. 15, 2024

**4) Fire Department request:** Approve the hiring of **Jeffery Gill** as a Probationary Firefighter, effective Friday, Nov. 15, 2024

**5) Fire Department request:** Approve the hiring of **Ryan Rentfrow** as a Probationary Firefighter, effective Friday, Nov. 15, 2024

**6) First Brethren Church request:** Approve a non-illuminated free-standing sign to be placed in the right-of-way along West Clinton Street

**7) Legal Department request:** Approve Amendment No. 1 to EAP Full-Service Contract for the Police Department with New Avenues, Inc.

**8) Legal Department request:** Award the quote for the purchase of a 2025 15-passenger van to Eby Ford Sales, Inc., as the lowest responsible and responsive quoter, and approve and execute the agreement with Eby for the purchase of the van for the Goshen Fire Department at a cost of \$55,400 and authorize Mayor Leichty to execute the agreement

**9) Planning Department request:** Accept the Replat of Lot 1A of Replat of East College Avenue Industrial Park subdivision plat with easements



**10) Engineering Department request:** Approve the closure of one parking space on the north side of Washington Street, in front of 121 W. Washington St., on Dec.10 and 11, 2024, for access to a monitoring well

**11) Engineering Department request:** Approve the 2024 Pavement Asset Management Plan for submittal to the Indiana Department of Transportation (INDOT) through the Local Technical Assistance Program

**12) Engineering Department request:** Approve Change Order No. 6 for the 10th Street and Douglas Street Reconstruction project in the amount of \$191,865 and 14 days

**13) Engineering Department request:** Approve Change Order No. 11 for the Wilden Avenue Reconstruction Project in the amount of \$327,916.98 and authorize the Mayor to sign the change order

**Privilege of the Floor**

**Approval of Civil City and Utility Claims**

***Adjournment***



**Engineering Department  
CITY OF GOSHEN**

204 East Jefferson Street, Suite 1 • Goshen, IN 46528-3405

Phone (574) 534-2201 • Fax (574) 533-8626 • TDD (574) 534-3185  
engineering@goshencity.com • www.goshenindiana.org

## MEMORANDUM

TO: Board of Public Works and Safety

FROM: Goshen Engineering

RE: **WWTP TRAILER MOUNTED BYPASS PUMP  
PROJECT NO. 2024-0033**

DATE: November 14, 2024

---

The Clerk-Treasurer's Office has received bids from contractors today for the Wastewater Treatment Plant's Trailer Mounted Bypass Pump project and we are requesting that the Board of Public Works and Safety open these bids at today's meeting.

**Requested Motion:** **Open bids received from Contractors for the WWTP Trailer Mounted Bypass Pump project, read the Total Bid amounts and refer the bids to the Engineering Department.**



**ANTHONY D. POWELL**

**FIRE CHIEF, CITY OF GOSHEN**

209 N. 3<sup>rd</sup> Street Goshen, Indiana 46526

Phone (574) 537-3853

Cell (574) 596-0940

Fax (574) 533-7263

[anthonypowell@goshencity.com](mailto:anthonypowell@goshencity.com) [www.goshenindiana.org](http://www.goshenindiana.org)

November 11, 2024

To: Board of Works and Public Safety

RE: Hiring of Charles Holderbaum

From: Fire Chief Anthony Powell

To the Goshen Board of Works & Public Safety,

I respectfully request approval for the hiring of Charles Holderbaum as a Probationary Firefighter with the Goshen Fire Department, effective Friday, November 15, 2024.

Charles has successfully met all the standards and requirements set by both the Goshen Fire Department and the State PERF Commission. He brings valuable skills and experience from his service in the United States Marine Corps and his work in the private sector. We believe these attributes will significantly enhance our team's capabilities and operations.

We are confident that Charles's knowledge, discipline, and dedication will contribute positively to our department's mission, and we look forward to his integration into the team.

Thank you for your consideration of this request.

Respectfully,

Anthony Powell



**ANTHONY D. POWELL**

**FIRE CHIEF, CITY OF GOSHEN**

209 N. 3<sup>rd</sup> Street Goshen, Indiana 46526

Phone (574) 537-3853

Cell (574) 596-0940

Fax (574) 533-7263

[anthonypowell@goshencity.com](mailto:anthonypowell@goshencity.com) [www.goshenindiana.org](http://www.goshenindiana.org)

November 11, 2024

To: Board of Works and Public Safety

RE: Hiring of Brian Guerra

From: Fire Chief Anthony Powell

To the Goshen Board of Works & Public Safety,

I respectfully request approval for the hiring of Brian Guerra as a Probationary Firefighter with the Goshen Fire Department, effective Friday, November 15, 2024.

Brian has successfully met all the standards and requirements set by both the Goshen Fire Department and the State PERF Commission. He brings valuable skills and experience from the FDNY EMS, which we believe will enhance our team's capabilities and operations.

We are confident that Brian's knowledge and dedication will contribute positively to our department's mission and look forward to his integration into the team.

Thank you for your consideration of this request.

Respectfully,

Anthony Powell



**ANTHONY D. POWELL**

**FIRE CHIEF, CITY OF GOSHEN**

209 N. 3<sup>rd</sup> Street Goshen, Indiana 46526

Phone (574) 537-3853

Cell (574) 596-0940

Fax (574) 533-7263

[anthonypowell@goshencity.com](mailto:anthonypowell@goshencity.com) [www.goshenindiana.org](http://www.goshenindiana.org)

November 11, 2024

To: Board of Works and Public Safety

RE: Hiring of Jeffery Gill

From: Fire Chief Anthony Powell

To the Goshen Board of Works & Public Safety,

I respectfully request approval for the hiring of Jeffery Gill as a Probationary Firefighter with the Goshen Fire Department, effective Friday, November 15, 2024.

Jeffery has successfully met all the standards and requirements set by both the Goshen Fire Department and the State PERF Commission. He brings valuable skills and experience from his service in the United States Navy, which we believe will significantly enhance our team's capabilities and operations.

We are confident that Jeffery's knowledge, discipline, and dedication will contribute positively to our department's mission, and we look forward to his integration into the team.

Thank you for your consideration of this request.

Respectfully,

Anthony Powell



**ANTHONY D. POWELL**

**FIRE CHIEF, CITY OF GOSHEN**

209 N. 3<sup>rd</sup> Street Goshen, Indiana 46526

Phone (574) 537-3853

Cell (574) 596-0940

Fax (574) 533-7263

[anthonypowell@goshencity.com](mailto:anthonypowell@goshencity.com) [www.goshenindiana.org](http://www.goshenindiana.org)

November 11, 2024

To: Board of Works and Public Safety

RE: Hiring of Ryan Rentfrow

From: Fire Chief Anthony Powell

To the Goshen Board of Works & Public Safety,

I respectfully request approval for the hiring of Ryan Rentfrow as a Probationary Firefighter with the Goshen Fire Department, effective Friday, November 15, 2024.

Ryan has successfully met all the standards and requirements set by both the Goshen Fire Department and the State PERF Commission. He brings valuable skills and experience from his background in the Fire Service as well as his experience as a business owner. We believe his diverse expertise will enhance our team's capabilities and operations.

We are confident that Ryan's knowledge and dedication will contribute positively to our department's mission, and we look forward to his integration into the team.

Thank you for your consideration of this request.

Respectfully,

Anthony Powell



FIRST  
**Brethren**  
CHURCH

215 W. Clinton St.  
Goshen, IN 46526  
**Austin Kaufman** *Lead Pastor*

To Whom It May Concern,

On behalf of the Congregation of First Brethren Church of Goshen, I write to seek approval from the City of Goshen to utilize our facility in partnership with Downtown Ministries which offers development and recovery classes for those experiencing life-altering challenges like poverty, abuse, and addictions. Downtown Ministries operates Monday through Thursday evenings, and Tuesday mornings.

We also respectfully request approval for a non-illuminated free-standing sign to be placed in the right-of-way along W. Clinton St. that will have a square footage of 9.76 sqft standing at 3'6" in height, identifying the meeting location and entrance for Downtown Ministries. We believe this sign provides the necessary visibility for the ministry to reach those in our community whom we are seeking to help, and directs those individuals to the correct entrance of the building.

Thank you for your service and consideration on this matter.

Downtown Ministries Director

Jim Dreier

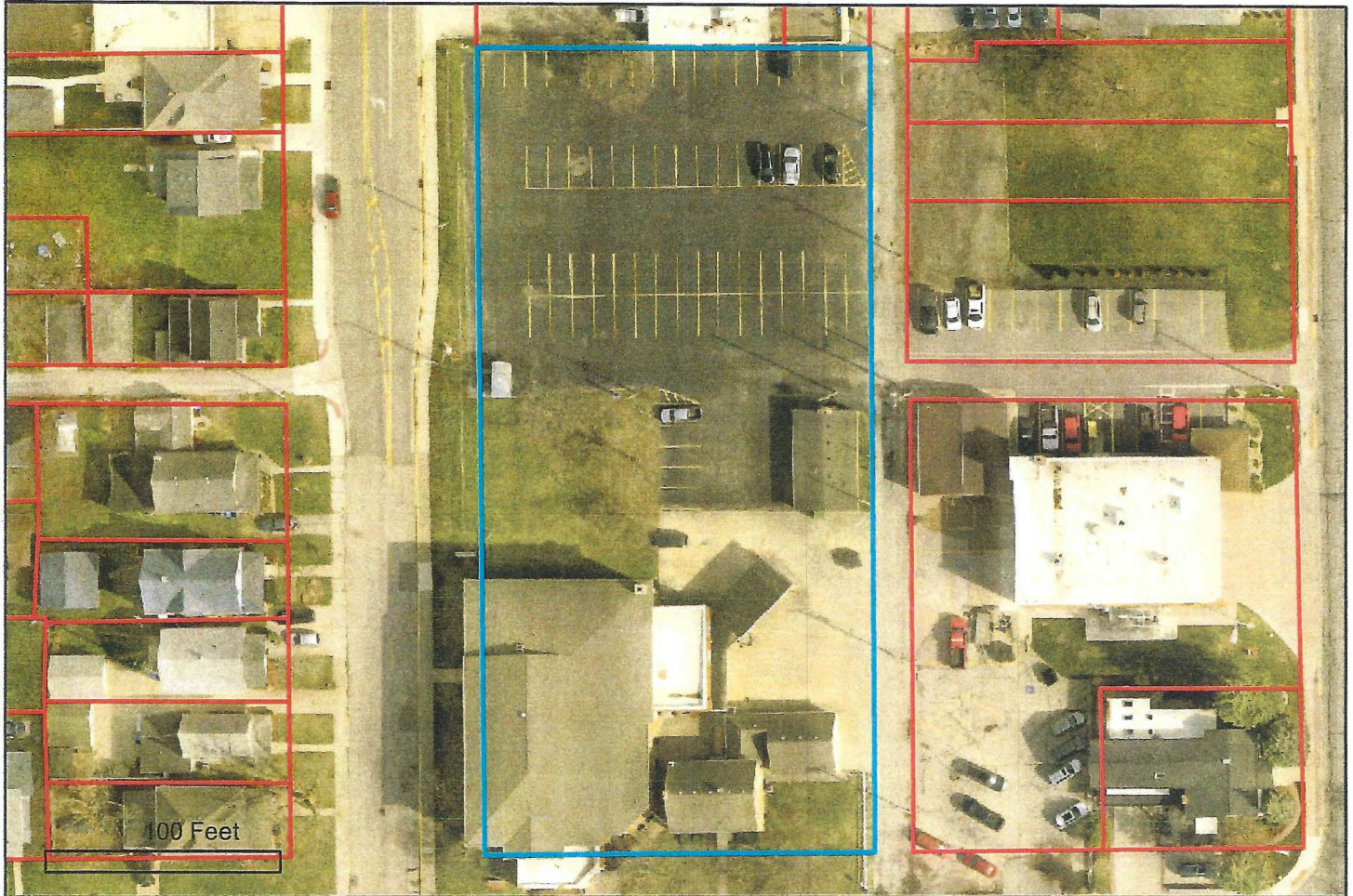
Pastor Austin Kaufman



# Elkhart County, IN

215 W CLINTON ST, GOSHEN, IN 46526

20-11-09-263-002.000-015



## Parcel Information

**Parcel Number:** 20-11-09-263-002.000-015

**Alt Parcel Number:** 11-09-263-002-015

**Property Address:** 215 W CLINTON ST  
GOSHEN, IN 46526

**Neighborhood:** 1546019-Commercial-Acre-CBD-Good  
Rates (015)

**Property Class:** Exempt: Church, Chapel, Mosque, Synagogue, Tabernacle, or Temple

**Owner Name:** FIRST BRETHERN CHURCH OF GOSHEN INC

**Owner Address:** 215 W Clinton St  
Goshen, IN 46526-3262

**Legal Description:** ORIGINAL PLAT LOTS 215 216 217 218  
& 219 & VAC ALLEY ADJ LOTS 217 &  
218 (TIF 97)

## Taxing District

**Township:** ELKHART TOWNSHIP

**Corporation:** Goshen Community Schools

## Land Description

**Land Type**

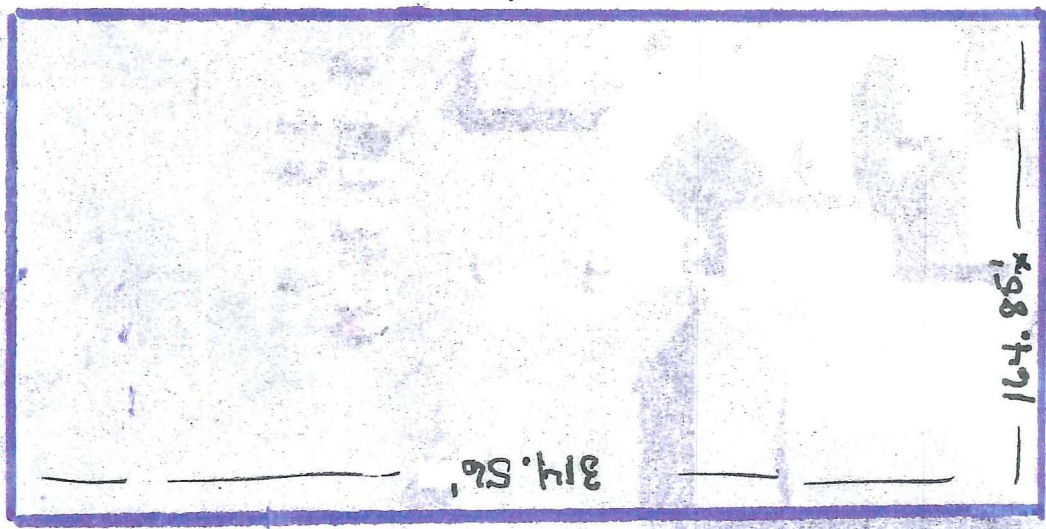
Primary Com & Ind

**Acreage**

1.31

**Dimensions**

2+



164.86'

314.56'

• Sign location

West Clinton St

2nd Street

2.44' H X 4' W = 9.76 sqft 5'4" H



18"

29.25

18.75 in

18 in

10.5 in  
48 in

4ft Overall Showing Height



**CITY OF GOSHEN LEGAL DEPARTMENT**

City Annex  
204 East Jefferson Street, Suite 2  
Goshen, Indiana 46528-3405

Phone (574) 537-3820 • Fax (574) 533-8626 • TDD (574) 534-3185  
[www.goshenindiana.org](http://www.goshenindiana.org)

November 14, 2024

To: Board of Public Works and Safety

From: Shannon Marks

Subject: Amendment No. 1 to Employee Assistance Program Full-Service Contract for the Police Department with New Avenues, Inc.

Attached for the Board's approval and authorization for the Mayor to execute is Amendment No. 1 to the December 18, 2023 Contract with New Avenues, Inc. for the employee assistance program for the Police Department. The amendment increases the fee for Self-referred Short-Term Counseling from \$4.05 per employee, per month to \$5.00 per employee, per month. The effective date of the fee increase is January 1, 2025.

**Suggested Motion:**

Move to approve and authorize the Mayor to execute Amendment No. 1 to the Employee Assistance Program Full Service Contract for the Police Department with New Avenues, Inc.

# AMENDMENT NO. 1

## Employee Assistance Program Full-Service Contract for the City of Goshen Police Department

THIS AMENDMENT is entered into on \_\_\_\_\_, 2024, which is the last signature date set forth below, by and between **New Avenues, Inc.** (“Contractor” or “New Avenues”), whose mailing address is PO Box 360, South Bend, IN 46624, and **City of Goshen, Indiana**, a municipal corporation and political subdivision of the State of Indiana acting through the Goshen Board of Public Works and Safety (“City”).

### RECITALS

- (A) City and New Avenues entered into a Contract on December 18, 2023 for an Employee Assistance Program for the City of Goshen Police Department based on an “EAP Full Service.” The initial term of the Contract is one (1) year beginning January 1, 2024, and thereafter shall automatically renew for successive one (1) year terms.
- (B) After the initial term, New Avenues may increase its fees upon thirty (30) days prior written notice to City.
- (C) Any amendment to the terms and conditions of the Contract shall be made in writing and signed by both parties.

In consideration of the terms, conditions and mutual covenants to be kept and performed under the original Contract, and under the terms, conditions and mutual covenants of this Amendment, the parties agree as follows:

### SECTION 1. Fees

The parties agree to amend Exhibit A, EAP Full Service, to increase the fee for Self-referred Short-Term Counseling from \$4.05 per employee, per month to \$5.00 per employee, per month. The effective date of the fee increase is January 1, 2025.

### SECTION 2. Original Contract

In all respects, all other provisions of the original Contract dated December 18, 2023, including the Business Associate Agreement, not affected by this Amendment shall remain in full force and effect.

### SECTION 3. Authority to Execute

The undersigned affirm that all steps have been taken to authorize execution of this Amendment, and upon the undersigned’s execution, bind their respective organizations to the terms of the Amendment.

IN WITNESS WHEREOF, the parties have executed this Amendment on the dates as set forth below.

**City of Goshen, Indiana**  
Goshen Board of Public Works and Safety

**New Avenues, Inc.**

\_\_\_\_\_  
Gina M. Leichty, Mayor

\_\_\_\_\_  
Jennifer Pickering, Chief Executive Officer

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

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



**CITY OF GOSHEN LEGAL DEPARTMENT**

City Annex  
204 East Jefferson Street, Suite 2  
Goshen, Indiana 46528-3405

Phone (574) 537-3820 • Fax (574) 537-3817 • TDD (574) 534-3185  
www.goshenindiana.org

November 14, 2024

**To:** Board of Public Works and Safety  
**From:** Brandy L. Toms, Paralegal  
**Subject:** Award Quote for a 2025 15-Passenger Van for the Goshen Fire Department and Agreement with Eby Ford Sales, Inc.

The City solicited sealed quotes for the purchase of a 2025 or newer 15-passenger van for the Goshen Fire Department in accordance with Indiana Code § 5-22-8-3.

Below is a summary of the quotes submitted:

Vendor	Item	Total Bid Price
Eby Ford Sales, Inc	2025 Ford Transit 350 Passenger	\$55,400
Jordan Ford	2025 Ford Transit	\$58,524

It is recommended that Eby Ford Sales, Inc be awarded the contact for the purchase of the 2025 15-passenger van as the lowest responsible and responsive quoter.

**Suggested motions:**

Move to award the quote for the purchase of 2025 15-passenger van to Eby Ford Sales, Inc as the lowest responsible and responsive quoter.

Move to approve and execute the Agreement with Eby Ford Sales, Ince for the purchase of a 2025 15-passenger van for the Goshen Fire Department at a cost of \$55,400 and authorize Mayor Leichty to execute the same.

## **PURCHASE OF 2025 OR NEWER 15-PASSENGER VAN**

THIS CONTRACT is made and entered into on \_\_\_\_\_, 2024, by and between the City of Goshen by its Board of Public Works and Safety, hereinafter referred to as “City,” and Eby Ford Sales, Inc., hereinafter referred to as “Vendor.”

WITNESSETH, that the City and the Vendor mutually agree as follows:

### **PURCHASE:**

Vendor agrees to provide the City a 2025 or newer 15-passenger van.

### **TERM OF THE AGREEMENT:**

This contract shall become effective on the date of execution and approval by both parties. Vendor shall provide the vehicles to the City within twenty-six (26) weeks from the date of the agreement. The vehicles to be purchase shall be delivered to the City’s Central Garage, 230 Steury Avenue, Goshen, Indiana.

### **COMPENSATION:**

The City agrees to compensate Vendor for the equipment in this Purchase Contract in the amount of Fifty-Five Thousand Four Hundred Dollars (\$55,400).

### **INDEPENDENT CONTRACTOR STATUS**

Vendor shall be deemed an independent contractor operating as a separate entity from the City of Goshen. The City shall not be responsible for injury, including death, to any persons or damages to any property arising out of the acts or omissions of the Vendor or its agents, employees, or subcontractors of the Vendor.

### **NON-DISCRIMINATION**

The vendor agrees that it will comply with all federal and Indiana civil rights laws, including, but not limited to Indiana Code 22-9-1-10. The Vendor agrees the Vendor or any subcontractors, or any other person acting on behalf of the Vendor or their subcontractor, shall not discriminate against any employee or applicant for employment to be employed in the performance of a contract with respect to the employee's hire, tenure, terms, conditions, or privileges of employment or any other matter directly or indirectly related to employment because of the employee's or applicant's race, religion, color, sex, disability, national origin, or ancestry. Breach of this covenant will be a material breach of the contract.

### **INDEMNIFICATION**

The Vendor agrees to indemnify and hold harmless the City of Goshen, its agents, officers, and employees from any and all liability, obligations, claims, and suits, including court cost, attorney’s fees, and other expenses, caused by an act or omission of the Vendor and its agents, officers, and employees or resulting from or related to the Vendor’s performance or failure to perform as specified in this contract.

### **FORCE MAJEURE.**

A. Except for payment of sums due, neither party shall be liable to the other or deemed in

default under this contract if and to the extent that such party's performance under this contract is prevented by reason of force majeure. The term "force majeure" means an occurrence that is beyond the control of the party and could not have been avoided by exercising reasonable diligence. Examples of force majeure are natural disasters or decrees of governmental bodies not the fault of the affected party.

- B. If either party is delayed by force majeure, the party affected shall provide written notification to the other party immediately. The party shall do everything possible to resume performance. The notification shall provide evidence of the force majeure event to the satisfaction of the other party. If the period of non-performance exceeds thirty (30) calendar days, the party whose ability to perform has not been affected may, by giving written notice, terminate the contract and the other party shall have no recourse.

#### **DEFAULT.**

- A. If Bidder fails to deliver the equipment or comply with the provisions of this contract, then Bidder may be considered in default.
- B. It shall be mutually agreed that if Bidder fails to deliver the equipment or comply with the provisions of this contract, City shall issue a written notice of default and provide a period of time that shall not be less than fifteen (15) days in which Bidder shall have the opportunity to cure. If the default is not cured within the time period allowed, the contract may be terminated by the City. In the event of default and failure to satisfactorily remedy the default after receipt of written notice, the City may otherwise secure similar equipment in any manner deemed proper by the City, and Bidder shall be liable to the City for any excess costs incurred.
- C. Vendor may also be considered in default by the City if any of the following occur:
  - 1. There is a substantive breach by vendor of any obligation or duty owed under the provisions of this Contract.
  - 2. Vendor is adjudged bankrupt or makes an assignment for the benefit of creditors.
  - 3. Vendor becomes insolvent or in an unsound financial condition so as to endanger performance under the Contract.
  - 4. Vendor becomes the subject of any proceeding under law relating to bankruptcy, insolvency or reorganization, or relief from creditors and/or debtors.
  - 5. A receiver, trustee, or similar official is appointed for vendor or any of vendor's property.
  - 6. Vendor is determined to be in violation of federal, state, or local laws or regulations and that such determination renders vendor unable to provide the equipment described under these Specification Documents.
  - 7. The contract or any right, monies or claims are assigned by vendor without the consent of the City.

#### **TERMINATION**

- A. The contract may be terminated in whole or in part, at any time, by mutual written consent of both parties. Vendor shall be paid for all equipment provided and expenses reasonably incurred prior to notice of termination.



- B. The City may terminate this contract, in whole or in part, in the event of default by vendor. City shall first issue written notice of default to vendor and give vendor the opportunity to cure.
- C. The rights and remedies of the parties under this section shall not be exclusive and are in addition to any other rights and remedies provided by law or under this contract.

#### **SUBCONTRACTING OR ASSIGNMENT OF CONTRACT.**

Neither party shall subcontract or assign any right or interest under the contract, including the right to payment, without having prior written approval from the other. Such approval shall not be unreasonably withheld. Any attempt by either party to subcontract or assign any portion of the contract shall not be construed to relieve that party from any responsibility to fulfill all contractual obligations.

#### **AMENDMENTS.**

No alteration or variation of the terms in this contract including the scope of purchase, provision of the purchase and compensation, and no alteration or variation of the conditions of this contract shall be binding unless specifically agreed to in writing by the parties. Any modification or amendment to the terms and conditions of the contract shall not be binding unless made in writing and signed by both parties. Any verbal representations or modifications concerning the contract shall be of no force and effect.

#### **WAIVER OF RIGHTS.**

No right conferred on either party under this contract shall be deemed waived and no breach of this contract excused unless such waiver or excuse shall be in writing and signed by the party claimed to have waived such right.

#### **APPLICABLE LAWS.**

The vendor agrees to comply with all applicable federal, state, and local laws, rules, regulations, or ordinances. All contractual provisions legally required to be included are incorporated by reference.

#### **MISCELLANEOUS**

- A. Any provision of this contract or incorporated documents shall be interpreted in such a way that they are consistent with all provisions required by law to be inserted into the contract.
- B. In the event of a conflict between these documents and applicable laws, rules, regulations or ordinances, the most stringent or legally binding requirement shall govern. Any special conditions included with this solicitation which varies from these General Terms and Conditions shall have precedence.
- C. These documents shall be construed in accordance with and governed by the laws of the State of Indiana, and any suit must be brought in a court of competent jurisdiction in Elkhart County, Indiana.
- D. In the event legal action is brought to enforce or interpret the terms and conditions of these documents, the non-prevailing party will pay all costs and expenses expended or incurred by the prevailing party, including reasonable attorney's fees.

**SEVERABILITY.**

In the event that any provision of this contract is found to be invalid or unenforceable, then such provision shall be reformed in accordance with applicable law. The invalidity or unenforceability of any provision of the contract shall not affect the validity or enforceability of any other provision of the contract.

**AUTHORITY TO BIND.**

Notwithstanding anything in the contract to the contrary, the signatory for the vendor submitting an offer represents that he or she has been duly authorized to execute these documents on behalf of the vendor and has obtained all necessary or applicable approvals to make the offer submitted fully binding upon the vendor when his or her signature is affixed and is not subject to further acceptance.

**NOTICES**

All written notices, properly addressed and sent by U.S. mail or delivered personally to the address provided below shall constitute sufficient notice whenever written notice is required for any purpose in this contract. Notice will be considered given three (3) days after the notice is deposited in the U.S. mail or when received at the appropriate address.

Address for notices to the City:	Address for notices to Eby Ford Sales
City of Goshen	Eby Ford Sales, Inc
Attention: Legal Department	Attention: Eric Eby
204 East Jefferson St.	2714 Elkhart Road
Goshen, IN 46528	Goshen, IN 46526

**NO INVESTMENT IN IRAN**

Pursuant to IC 5-22-16.5, vendor hereby certifies they do NOT provide \$20 million dollars or more in goods or services to the energy sector of Iran. Vendor also certifies it is not a financial institution that extends \$20 million dollars or more in credit that will provide goods or services to the energy sector of Iran or extends \$20 million dollars or more in credit to a person identified on the list as a person engaging in investment activities in Iran.

**CONTRACTING WITH RELATIVES**

Pursuant to IC 36-1-21, vendor who is an individual who is a relative of an elected official of the City of Goshen or a business entity that is wholly or partially owned by a relative of an elected official of the City of Goshen hereby certifies that they have notified in writing both the elected official of the City of Goshen and the City’s legal department prior to entering into this contract and has obtained all necessary or applicable approvals to make this contract fully binding upon the company/business when his or her signature is affixed and is not subject to further acceptance

**BINDING EFFECT**

All provisions, covenants, terms and conditions of the contract apply to bind the parties and their legal heirs, representatives, successors and assigns.

**ENTIRE AGREEMENT**

This contract constitutes the entire agreement between the parties and supersedes all other agreements or understandings between City and Vendor.

In witness whereof, the parties have executed this Agreement as set forth below.

**City of Goshen**  
**Board of Public Works and Safety**

**Eby Ford Sales, Inc.**

\_\_\_\_\_  
Gina Leichty, Mayor

\_\_\_\_\_  
Eric Eby, General Manager

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

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



Rhonda L. Yoder, AICP  
PLANNING & ZONING DEPARTMENT, CITY OF GOSHEN  
204 East Jefferson Street, Suite 4 • Goshen, IN 46528-3405

Phone (574) 537-3815 • Fax (574) 533-8626 • TDD (574) 534-3185  
rhodayoder@goshencity.com • www.goshenindiana.org

## MEMORANDUM

To: Board of Public Works & Safety

From: Rhonda L. Yoder, Planning & Zoning Administrator

Date: November 14, 2024

RE: Replat of Lot 1A of Replat of East College Avenue Industrial Park - Acceptance of Subdivision Plat

The Replat of Lot 1A of Replat of East College Avenue Industrial Park is an eight-lot major industrial subdivision, to divide Lot 1A into eight (8) individual lots. The subject property contains  $\pm 113.62$  acres, and is generally located on the north side of College Avenue, between Brinkley Way East and Brinkley Way West, zoned Industrial M-1.

The subdivision was granted a variance by the Board of Zoning Appeals on October 22, 2024, for the following developmental deficiencies:

- 0' parking/driving aisle setback internally between all eight lots (internal side and rear property lines, excluding front property lines and external side lot lines adjacent to Common Area No. 3A);
- A perimeter fence to cross internal lot lines between all eight lots (excluding front property lines and external side lot lines adjacent to Common Area No. 3A), subject to any easement restrictions; and
- Parking shared between Lots 9, 10, 11 and 12 in a shared parking easement.

The subdivision meets the Zoning Ordinance and Subdivision Ordinance requirements, and is consistent with the primary subdivision approved by the Plan Commission on September 17, 2024.

The subdivision drainage plan accepted by the Board of Works on July 11, 2022, included Lot 1A so no new subdivision drainage plan is required.

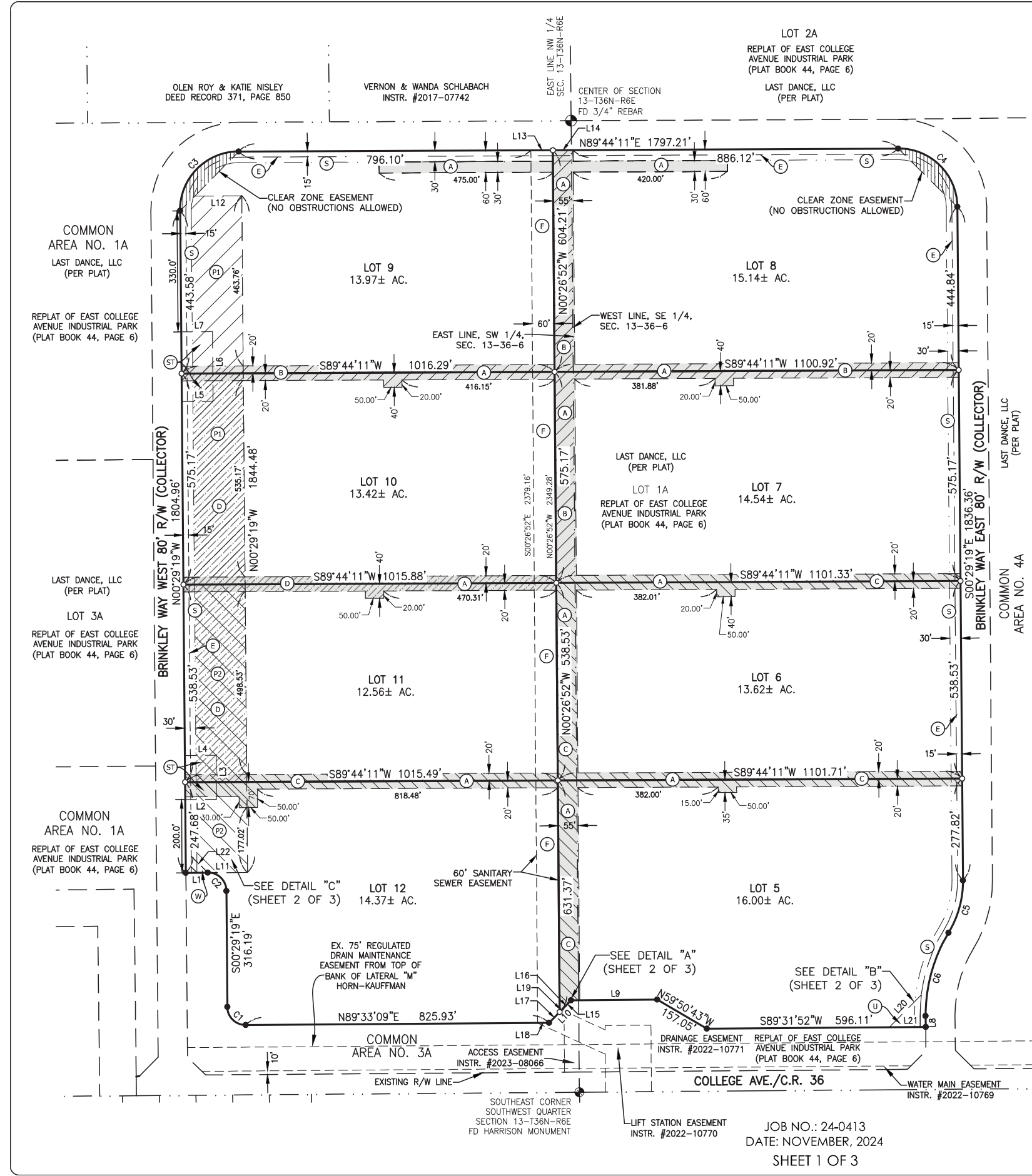
Public infrastructure is being constructed through a development agreement, and a bond purchased by the developer is in place.

The plat does not include dedication of right of way, but includes a number of easements.

Please accept the Replat of Lot 1A of Replat of East College Avenue Industrial Park subdivision plat with easements, and sign the plat.

**Requested Motion: Move to accept the Replat of Lot 1A of Replat of East College Avenue Industrial Park subdivision plat with easements.**

**REPLAT OF LOT 1A OF REPLAT OF EAST COLLEGE AVENUE INDUSTRIAL PARK**  
 LOT 1A IN REPLAT OF EAST COLLEGE AVENUE INDUSTRIAL PARK;  
 ALSO BEING A PART OF THE SOUTHWEST QUARTER OF SECTION 13  
 IN TOWNSHIP 36 NORTH, RANGE 6 EAST, CITY OF GOSHEN,  
 ELKHART TOWNSHIP, ELKHART COUNTY, INDIANA



Line #	Bearing	Length
L1	S89°30'41"W	60.00'
L2	N89°30'41"E	85.00'
L3	N0°29'19"W	120.00'
L4	N89°30'41"E	85.00'
L5	N89°30'41"E	85.00'
L6	N0°29'19"W	190.00'
L7	N89°30'41"E	85.00'
L8	S0°29'10"E	29.50'
L9	S89°31'52"W	234.55'
L10	S44°33'09"W	85.54'
L11	N89°30'41"E	138.00'
L12	S89°33'09"W	128.23'
L13	N89°44'11"E	60.00'
L14	N89°44'11"E	54.99'
L15	N44°33'09"E	27.29'
L16	S44°33'09"W	44.34'
L17	S44°33'09"W	41.19'
L18	S89°33'09"W	30.87'
L19	N65°18'58"W	6.34'
L20	S44°32'03"W	124.39'
L21	S89°31'52"W	99.13'
L22	N45°29'19"W	63.64'

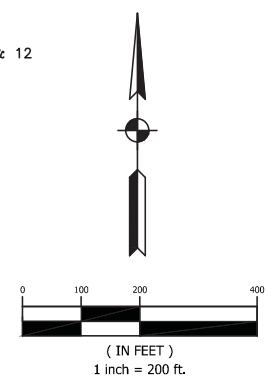
Curve #	Length	Radius	Delta	Chord Bearing	Chord
C1	78.50'	50.00'	89°57'32"	N45°28'05"W	70.69'
C2	78.54'	50.00'	90°00'00"	N45°29'19"W	70.71'
C3	251.96'	160.00'	90°13'30"	N44°37'26"E	226.72'
C4	250.70'	160.00'	89°46'30"	S45°22'34"E	225.83'
C5	149.79'	270.00'	31°47'14"	S15°24'18"W	147.88'
C6	238.54'	430.00'	31°47'05"	S15°24'22"W	235.50'

TOTAL SUBDIVISION AREA  
113.62± ACRES

**EASEMENT AND COMMON AGREEMENT:**  
 LOTS 5 THROUGH 12 AS REFERENCED IN THIS REPLAT AS WELL AS LOT 2A, LOT 3A, COMMON AREA NO. 1A, COMMON AREA NO. 3A, AND COMMON AREA NO. 4A RECORDED UNDER DOCUMENT NUMBER 2024-14274 ARE BOUND BY AND SUBJECT TO THOSE EASEMENTS AS SET FORTH IN THE EASEMENT AND COMMON AGREEMENT RECORDED AS DOCUMENT NUMBER \_\_\_\_\_.

IN LIGHT OF THIS REPLAT, THE ACCESS EASEMENT RECORDED AS DOCUMENT NUMBER 2023-08066 WILL BE TERMINATED AND REPLACED WITH A SIMILAR ACCESS EASEMENT FOR LOTS 5 THROUGH 12 AS SET FORTH IN THE REFERENCED EASEMENT AND COMMON AGREEMENT.

- LEGEND**
- SET REBAR W/ YELLOW CAP "ABONMARCHÉ FIRM #0050"
  - ⊕ FOUND MONUMENT
  - FOUND CAPPED IRON
  - (A) CROSS-ACCESS EASEMENT FOR TRUCKS, FIRE DEPARTMENT AND SHARED ACCESS BETWEEN ALL LOTS
  - (B) PRIVATE STORM SEWER EASEMENT FOR LOTS 7, 8, 9 & 10
  - (C) PRIVATE STORM SEWER EASEMENT FOR LOTS 5, 6, 7, 11 & 12
  - (D) PRIVATE STORM SEWER EASEMENT FOR LOTS 10 & 11
  - (E) 15' ROADWAY MAINTENANCE, DRAINAGE & UTILITY EASEMENT
  - (F) 60' SANITARY SEWER EASEMENT
  - (P1) SHARED PARKING EASEMENT FOR LOTS 9 & 10
  - (P2) SHARED PARKING EASEMENT FOR LOTS 11 & 12
  - (ST) PUBLIC STORM SEWER EASEMENT (AS NOTED)
  - (U) WATER MAIN & DRAINAGE EASEMENT (AS NOTED)
  - (W) WATER MAIN EASEMENT (AS NOTED)
  - (S) 30' MINIMUM BUILDING SETBACK LINE



**ABONMARCHÉ**

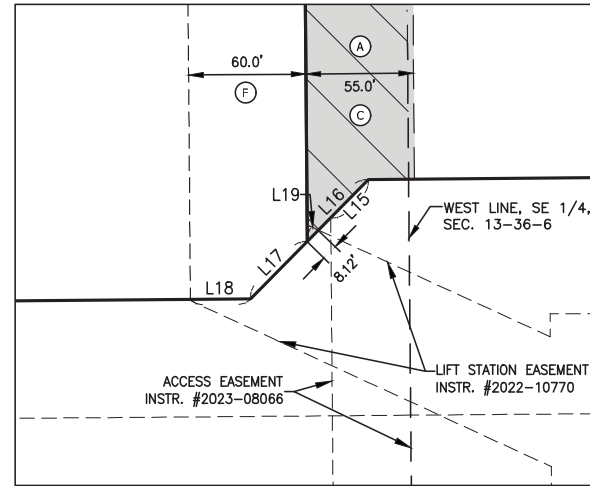
303 River Race Drive, Unit 206  
 Goshen, IN, 46526  
 T 574.533.9913  
 F 574.533.9911  
 abonmarche.com

Portage  
 Benton Harbor  
 Grand Haven  
 Fort Wayne  
 Valparaiso  
 Engineering · Architecture · Land Surveying

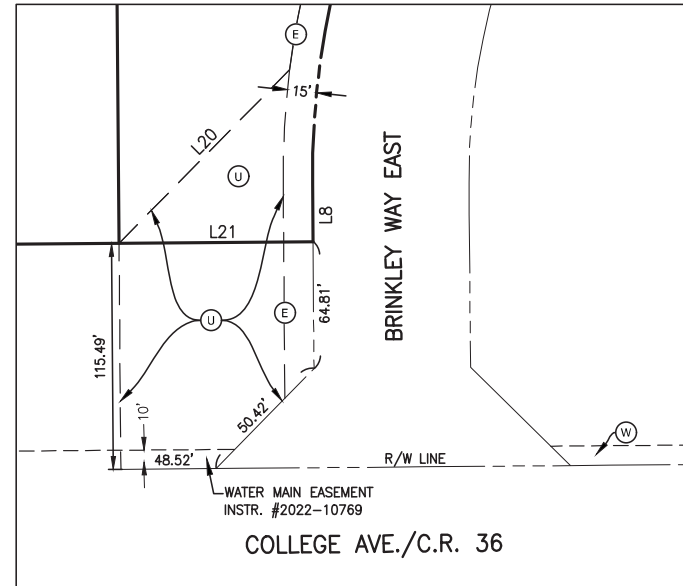
Goshen  
 Hobart  
 Lafayette  
 South Bend  
 Kalamazoo

JOB NO.: 24-0413  
 DATE: NOVEMBER, 2024  
 SHEET 1 OF 3

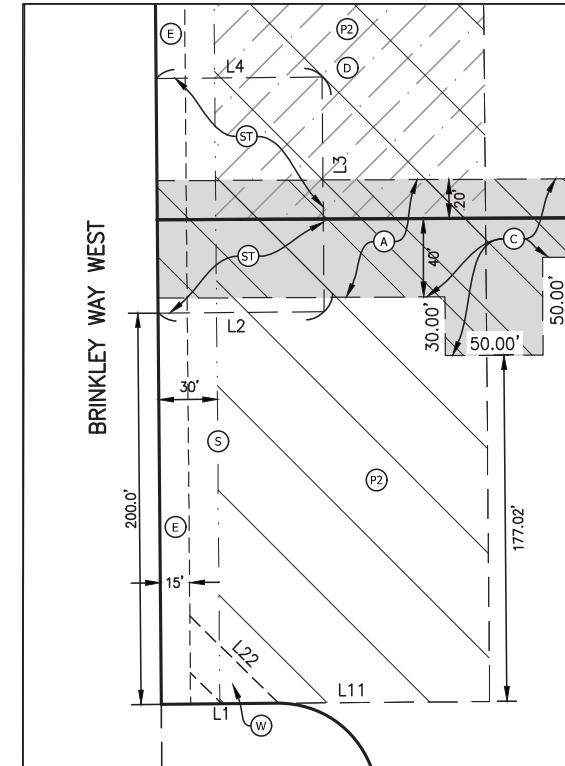
**REPLAT OF LOT 1A OF REPLAT OF EAST  
COLLEGE AVENUE INDUSTRIAL PARK**  
 LOT 1A IN REPLAT OF EAST COLLEGE AVENUE INDUSTRIAL PARK;  
 ALSO BEING A PART OF THE SOUTHWEST QUARTER OF SECTION 13  
 IN TOWNSHIP 36 NORTH, RANGE 6 EAST, CITY OF GOSHEN,  
 ELKHART TOWNSHIP, ELKHART COUNTY, INDIANA



DETAIL "A"  
SCALE: 1" = 60'



DETAIL "B"  
SCALE: 1" = 60'



DETAIL "C"  
SCALE: 1" = 60'

**LEGAL DESCRIPTION**

LOT 1A IN REPLAT OF EAST COLLEGE AVENUE INDUSTRIAL PARK AS DESCRIBED AND RECORDED IN THE OFFICE OF THE RECORDER IN ELKHART COUNTY, INDIANA, IN PLAT BOOK 44, PAGE 6.

**FLOOD NOTE**

THIS PROJECT DOES NOT LIE WITHIN THE 100 YEAR FLOOD PLAIN PER F.E.M.A. FLOOD INSURANCE RATE MAP PANEL #18039C0258D & #18039C0259D, EFFECTIVE DATE AUGUST 2, 2011.

**NOTES**

- 1) PERIMETER FENCING WILL BE ALLOWED TO CROSS THE PRIVATE STORM SEWER EASEMENTS AND ACCESS EASEMENTS AT THE ENTRANCES ONLY.
- 2) INTERNAL FENCING BETWEEN LOTS IS PROHIBITED BECAUSE OF THE NEED TO MAINTAIN ACCESS TO MORE THAN ONE FIRE HYDRANT PER BUILDING.

**LEGEND**

- (A) CROSS-ACCESS EASEMENT FOR TRUCKS, FIRE DEPARTMENT AND SHARED ACCESS BETWEEN ALL LOTS
- (B) PRIVATE STORM SEWER EASEMENT FOR LOTS 7, 8, 9 & 10
- (C) PRIVATE STORM SEWER EASEMENT FOR LOTS 5, 6, 7, 11 & 12
- (D) PRIVATE STORM SEWER EASEMENT FOR LOTS 10 & 11
- (E) 15' ROADWAY MAINTENANCE, DRAINAGE & UTILITY EASEMENT
- (F) 60' SANITARY SEWER EASEMENT
- (P1) SHARED PARKING EASEMENT FOR LOTS 9 & 10
- (P2) SHARED PARKING EASEMENT FOR LOTS 11 & 12
- (ST) PUBLIC STORM SEWER EASEMENT (AS NOTED)
- (U) WATER MAIN & DRAINAGE EASEMENT (AS NOTED)
- (W) WATER MAIN EASEMENT (AS NOTED)
- (S) 30' MINIMUM BUILDING SETBACK LINE





**Engineering Department  
CITY OF GOSHEN**

204 East Jefferson Street, Suite 1 • Goshen, IN 46528-3405

Phone (574) 534-2201 • Fax (574) 533-8626 • TDD (574) 534-3185  
engineering@goshencity.com • www.goshenindiana.org

## MEMORANDUM

TO: Goshen Board of Public Works & Safety

FROM: Goshen Engineering

RE: **PARKING SPOT CLOSURE BY 121 W. WASHINGTON STREET**

DATE: November 14, 2024

---

IWM Consulting requests the far west parking space on the north side of Washington Street directly in front of 121 W. Washington Street be blocked off on December 10<sup>th</sup> & 11<sup>th</sup> so they can access the monitoring well located in that parking space.

**Requested Motion: Approve the closure of one parking space on the north side of Washington Street in front of 121 W. Washington Street on December 10 & 11, 2024, for access to a monitoring well.**

**APPROVED:  
BOARD OF PUBLIC WORKS & SAFETY  
CITY OF GOSHEN, INDIANA**

\_\_\_\_\_  
Gina Leichty, Mayor

\_\_\_\_\_  
Barb Swartley, Member

\_\_\_\_\_  
Mary Nichols, Member

\_\_\_\_\_  
Orv Myers, Member

\_\_\_\_\_  
Michael Landis, Member







**Engineering Department  
CITY OF GOSHEN**

204 East Jefferson Street, Suite 1 • Goshen, IN 46528-3405

Phone (574) 534-2201 • Fax (574) 533-8626 • TDD (574) 534-3185  
engineering@goshencity.com • www.goshenindiana.org

## MEMORANDUM

TO: Goshen Board of Public Works & Safety

FROM: Goshen Engineering

RE: **2024 PAVEMENT ASSET MANAGEMENT PLAN (JN: 2024-0004)**

DATE: November 14, 2024

---

The City of Goshen is responsible for submitting a Pavement Asset Management Plan to INDOT through the Local Technical Assistance Program at Purdue. The Transportation Asset Management Plan reports on the current condition of Goshen's road assets, provides suggested guidance to increase the overall condition of Goshen's road assets, and fulfills eligibility requirements for Community Crossings Matching Grant Fund applications.

**Requested Motion: Move to approve the 2024 Pavement Asset Management Plan for submittal to INDOT through the Local Technical Assistance Program**

**APPROVED:  
BOARD OF PUBLIC WORKS & SAFETY  
CITY OF GOSHEN, INDIANA**

\_\_\_\_\_  
Gina Leichty, Mayor

\_\_\_\_\_  
Barb Swartley, Member

\_\_\_\_\_  
Mary Nichols, Member

\_\_\_\_\_  
Orv Myers, Member

\_\_\_\_\_  
Michael Landis, Member

The background of the entire page is an aerial photograph of a street. The road is paved with asphalt and shows significant cracking, particularly along the center and edges. There are double yellow lines down the center and white lines on the sides. Utility poles with multiple wires are visible on both sides of the road. Sidewalks made of concrete slabs are on either side, with green grass between them. A red square marker is visible on the sidewalk on the right side of the road.

# 2024 PAVEMENT ASSET MANAGEMENT PLAN

AND SUPPLEMENTAL TRANSPORTATION ASSETS



# City of Goshen Pavement Asset Management Plan 2024

Approved by:

Board of Public Works and Safety on Month Day, 2024

---

Mayor Gina Leichty

---

Michael Landis

---

Mary Nichols

---

Barb Swartley

---

Orv Myers

Prepared by:

Boston Snyder, Asset Manager  
Goshen Engineering Department  
204 East Jefferson St, Suite 1  
Goshen, IN 46528

Definitions .....	4
Plan Overview .....	5
What is the PASER System? .....	6
PASER Rating of 10 .....	6
PASER Rating of 9 .....	6
PASER Rating of 8 .....	6
PASER Rating of 7 .....	7
PASER Rating of 6 .....	7
PASER Rating of 5 .....	7
PASER Rating of 4 .....	7
PASER Rating of 3 .....	8
PASER Rating of 2 .....	8
PASER Rating of 1 .....	8
PASER Survey and Work Plan.....	9
Goshen’s Existing Roadway Conditions.....	9
Pavement Maintenance and Cost.....	14
Preventative Maintenance .....	14
Non-structural Preservation Treatment.....	14
Rehabilitation or Structural Repairs.....	14
Reconstruction or Replacement .....	14
Cost Summary .....	15
Preservation Strategy .....	16
Treatment Summary.....	17
Drainage and Right of Way .....	19
Right of Way .....	19
Drainage .....	19
Additional Transportation Assets .....	20
Signs.....	20
Sidewalks .....	20
Pavement Markings.....	21

## Definitions

**Alligator Cracks** – Interconnected cracks that form small pieces, usually one inch to 6 inches in size.

**Block Cracks** – Interconnected cracks that form large blocks, usually at right angles.

**Distortion** – Shoving or rippling surface material displaced crossways to the direction of traffic.

**Flushing** – The excess asphalt on the surface caused by a poor initial asphalt mix design.

**Longitudinal Cracks** – Cracks that run parallel to the direction of traffic.

**Maltenes** - The n-alkane-soluble molecular components of asphalt, which is the residue remaining after petroleum refiners remove other useful derivatives such as gasoline and kerosene from crude oil.

**Patches** – Original surface repaired with new asphalt material.

**Polishing** – A smooth slippery surface caused by traffic wearing off sharp edges of aggregate.

**Potholes** – Holes or loss of pavement material.

**Raveling** – The progressive loss of pavement material from the surface downward.

**Reflection Cracks** – Cracks in overlays that reflect the crack pattern in the pavement underneath.

**Rutting** – The displacement of unstable material or traffic compaction that creates channels in wheel paths.

**Slippage Cracks** – Crescent or rounded cracks in the direction of traffic.

**Transverse Cracks** – Cracks that run perpendicular to the flow of traffic.

## Plan Overview

The City of Goshen is responsible for maintaining the city's transportation assets, including roadways and culverts. The City of Goshen has set both short-term and long-term condition targets for their roadways. In order to meet the long-term targets, the City of Goshen must continue to plan, budget, and adjust projects on the roadways to reach these standards.

The purpose of this plan is to rate the current pavement conditions of each roadway segment to identify the maintenance, repair, and replacement activities needed. The City of Goshen has approximately 146 centerline miles of roadway, which is approximately 300 lane miles of roadway. Utilizing PASER guidelines, the results of the survey will help to develop maintenance, repair, and replacement programs in consideration of available funds. This plan will be updated annually, with the PASER survey to occur annually as well.

This asset management plan is performance based. The objectives of this plan are measurable and support our day-to-day operations as well as our strategic goals. The city has developed this plan with resiliency in mind to give our roadways the best level of service possible through extreme Indiana weather. Funding decisions will be made from this plan, such as where to allocate funds across our roadway network, based off of thorough analysis. This asset management plan will rely on quality information and data to make such analyses and should be revisited annually at a minimum to ensure data are up to date. In order to best serve the city, it is recommended to have an operational year from November 1st through October 31st. This operational time frame ensures the city can maintain compliance with annual reporting requirements for funding and grant opportunities.

This plan is designed to improve the overall condition of the City of Goshen's pavement assets. While immediate progress may not be noticeable, following the steps outlined in this plan should increase the average rating of the city's pavement network. The City of Goshen wishes to keep as many roads in the good condition as possible, and as many roads in the fair condition as possible. This means the city will aim for an average PASER score of 4.0 or higher on Local roadways, and a PASER score of 6.0 or higher on Arterial or Collector roadways. The City of Goshen will also work to move all roads in poor condition to good or fair condition. If for any reason the average rating of the city's pavement network decreases noticeably, this plan should be revised to address any insufficiencies.

## What is the PASER System?

PASER stands for Pavement Surface Evaluation and Rating. The PASER system is a comprehensive pavement management system that involves collecting data and assessing several road characteristics, such as roughness, surface distress, surface skit conditions, and structure. Surface condition is one of the most vital elements in any pavement management system. Using the simplified rating system that is presented in the Asphalt PASER Manual to evaluate our roadways, combined with our inventory data, can be very helpful in planning future budgets and setting priority target areas.

Each year the City of Goshen will inventory all local roadways, evaluate the condition of the pavement surface, and use the condition evaluations to set priorities for projects and select alternative treatments based on the overall condition of the road segment. Using the PASER scale, a road segment is given a score of 1 – 10, with 10 being used to score a brand new segment and 1 being used to score a segment that has completely failed. To more closely identify the treatment that should be used to the entire segment, the segment is given a score based off of the worst area within the segment. The following section provides guidance of all possible PASER scores and their appropriate treatment and maintenance activities.

### PASER Rating of 10

Roads with a PASER rating of 10 are road segments of brand new construction. They do not have any visible distresses and require no treatments. Maltene Replacement Treatment can be added to extend the life of the roadway.

### PASER Rating of 9

Roads with a PASER rating of 9 are road segments of new construction or road segments with a recent overlay. They do not have any visible distresses and require no treatments. Maltene Replacement Treatment can be added to extend the life of the roadway.

### PASER Rating of 8

Roads with a PASER rating of 8 are road segments that have no longitudinal cracks except reflection of pavement joints. Occasional transverse cracks widely spaced (40' or greater). All cracks sealed or tight (open less than 1/4"). Treatments are crack sealing in order to extend the life of the road segment one to three years.



## PASER Rating of 7

Roads with a PASER rating of 7 show first signs of aging. Very slight or no raveling occurring, surface shows some traffic wear. Longitudinal cracks (open 1/4") due to reflection or paving joints. Transverse cracks (open 1/4") spaced 10' or more apart with little or slight crack raveling. No patching or very few patches in excellent condition. Treatments are crack sealing in order to extend the life of the road segment one to three years.

## PASER Rating of 6

Roads with a PASER rating of 6 show signs of aging but have a sound structural condition. Slight raveling (loss of fines) and traffic wear. Longitudinal cracks (open 1/4" to 1/2") some spaced less than 10'. First sign of block cracking. Slight to moderate flushing or polishing. Occasional patching in good condition. Treatments are crack sealing to extend the life of the road segment one to three years.

## PASER Rating of 5

Roads with a PASER rating of 5 show signs of surface aging but has a sound structural condition. Moderate to severe raveling (loss of fine and coarse aggregate). Longitudinal and transverse cracks (open 1/2") show first signs of slight raveling and secondary cracks. First signs of longitudinal cracks near pavement edge. Block cracking up to 50% of surface. Extensive to severe flushing or polishing. Some patching or edge wedging in good condition. Treatments are milling and resurfacing to extend the life of the roadway five to ten years.

## PASER Rating of 4

Roads with a PASER rating of 4 show significant aging and first signs of need for strengthening. Severe surface raveling. Multiple longitudinal and transverse cracking in wheel path. Block cracking (over 50% of surface). Patching in fair condition. Slight rutting or distortions (1/2" deep or less). Road treatments are milling and resurfacing, along with 25% full-depth patching to remove deterioration to extend the life of the roadway five to ten years.

## PASER Rating of 3

Roads with a PASER rating of 3 need patching and repair prior to major overlay. Closely spaced longitudinal and transverse cracks often showing raveling and crack erosion. Severe block cracking. Some alligator cracking (less than 25% of surface). Patches in fair to poor condition. Moderate rutting or distortion (1" or 2" deep). Occasional potholes. Road treatments are milling and resurfacing, with 50% patching to remove deterioration to extend the life of the roadway five to ten years.

## PASER Rating of 2

Roads with a PASER rating of 2 have severe deterioration. Alligator cracking (over 25% of surface). Severe distortions (over 2" deep). Extensive patching in poor condition and potholes. Road treatments are full reconstruction.

## PASER Rating of 1

Roads with a PASER rating of 1 have completely failed. Severe distress with extensive loss of surface integrity. Treatments are full reconstruction.

# PASER Survey and Work Plan

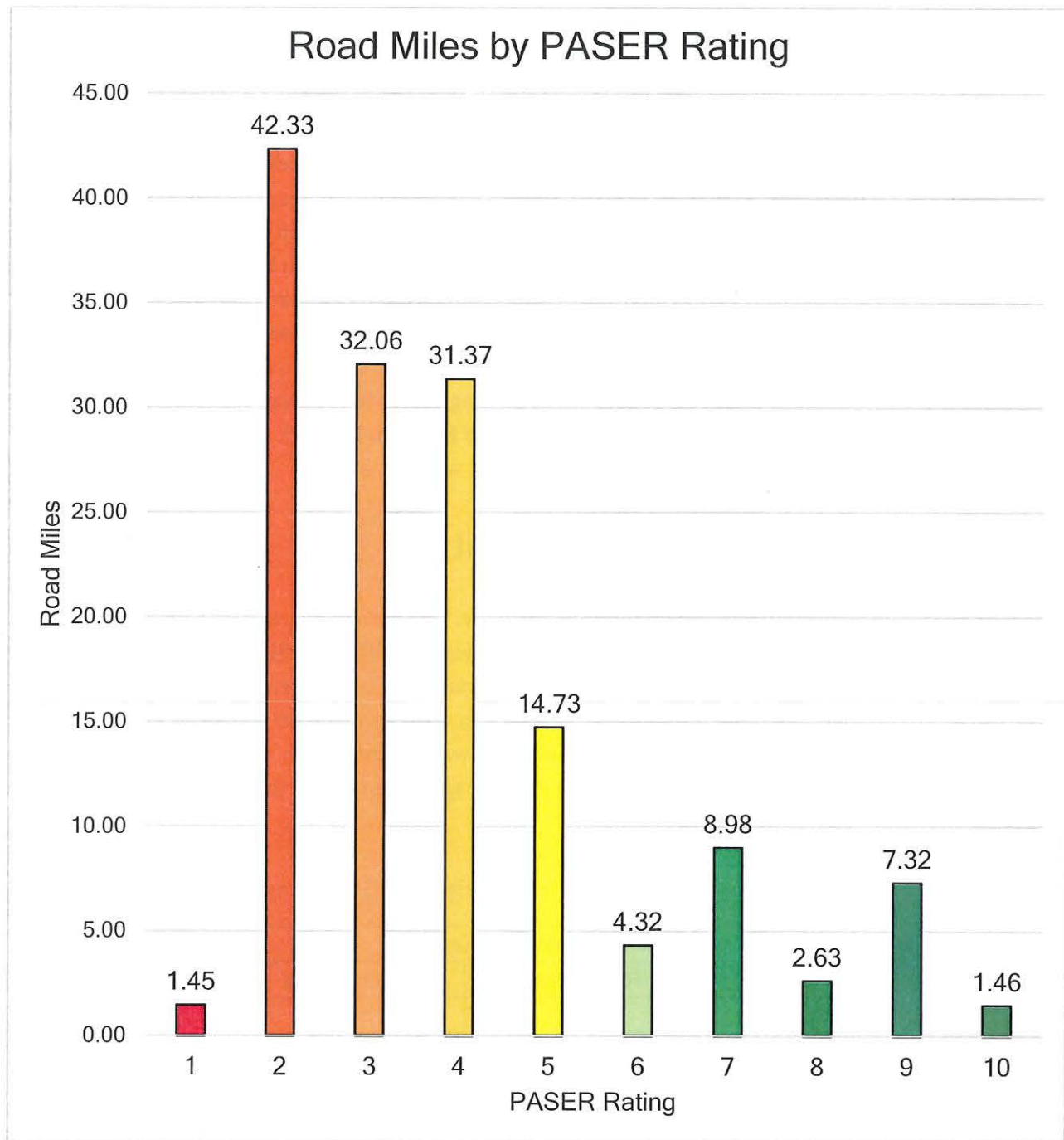
The City of Goshen has created roadway segments by breaking the roads into segments from intersection to intersection. Each roadway segment is given attributes for width and length from the city’s geographic information system (GIS). The City of Goshen utilized 3-person teams to perform the PASER survey. Each roadway segment was driven and surveyed, then an appropriate score and photo were uploaded into a mobile GIS application designed in coordination between the Goshen Street Department and the city’s GIS Coordinator which directly suits the functions and operations of our team. The survey was performed during April 2024, and any road segments that received treatment were reevaluated after their applied treatment in order to provide an accurate PASER score. All team members who have performed the survey and applied rating scores to roadway segments have been fully trained through Indiana’s Local Technical Assistance Program (LTAP). A full training of the city’s GIS application was also given to all team members who use it.

## Goshen’s Existing Roadway Conditions

The City of Goshen currently has 146.64 miles of roadway. The current average PASER rating across all roadway segments is **4.01**, with a weighted PASER rating of 3.90. A PASER score of 4.0 is deemed acceptable for low traffic, local roadways. However, Arterial and Collector roadways that see much more traffic are deemed to require a PASER score of 6.0 in order to maintain service to Goshen residents and non-resident travelers. A full list of our roadway inventory can be found at the end of this document as Appendix A. The table below shows the mileage summary for the associated PASER rating.

The charts below show the mileage summary for the associated PASER rating.

Rating and Mileage Summary		
Rating	Road Miles	Percentage
1	1.48	1.01%
2	42.89	29.29%
3	32.98	22.52%
4	31.62	21.59%
5	14.63	9.99%
6	4.44	3.03%
7	9.01	6.15%
8	2.63	1.79%
9	5.27	3.60%
10	1.50	1.02%

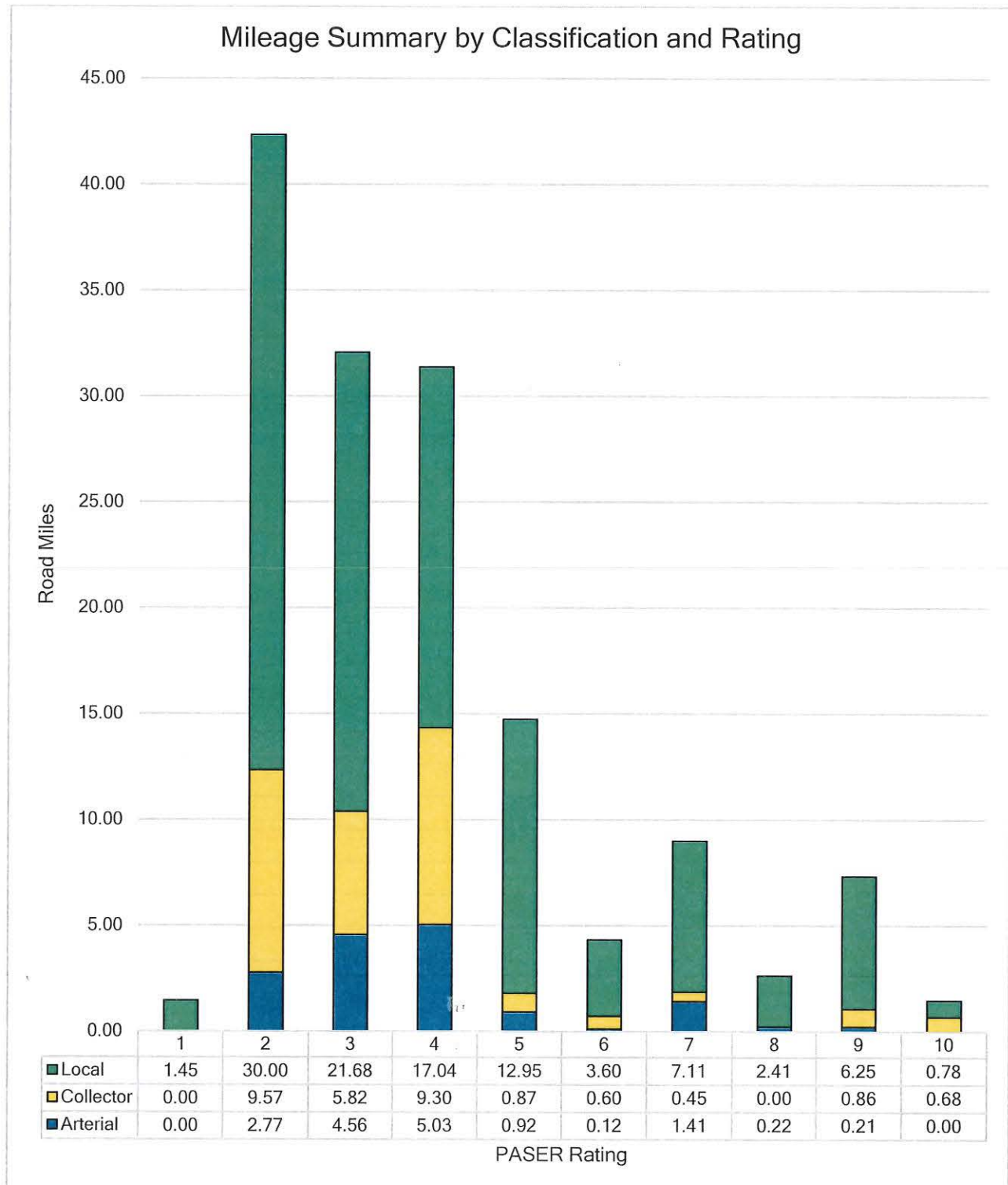


We can take our data one step further and introduce the road classes. The classes that make up the City of Goshen’s road network are Local, Collector, and Arterial. Of the city’s overall mileage, there are 103.25 miles of Local roadway, 28.15 miles of Collector roadway, and 15.24 miles of Arterial roadway. The average PASER rating for Local roadway is 4.05, the average PASER score for Collector roadway is 3.66, and the average PASER score for Arterial roadway is 4.22.

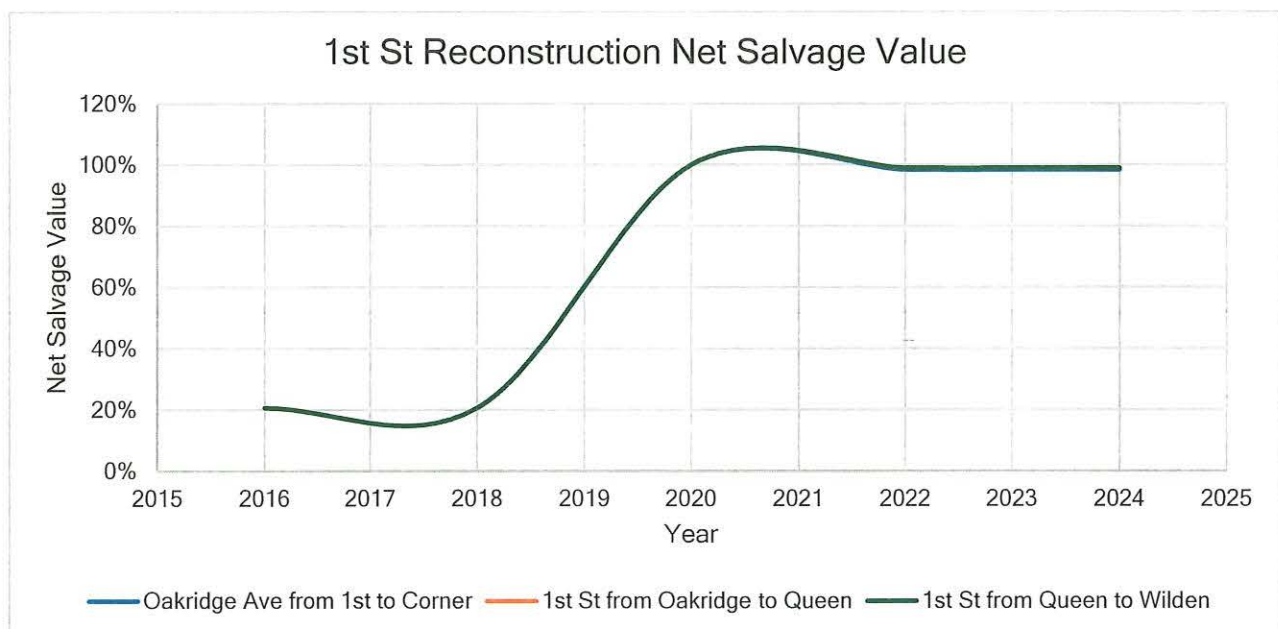
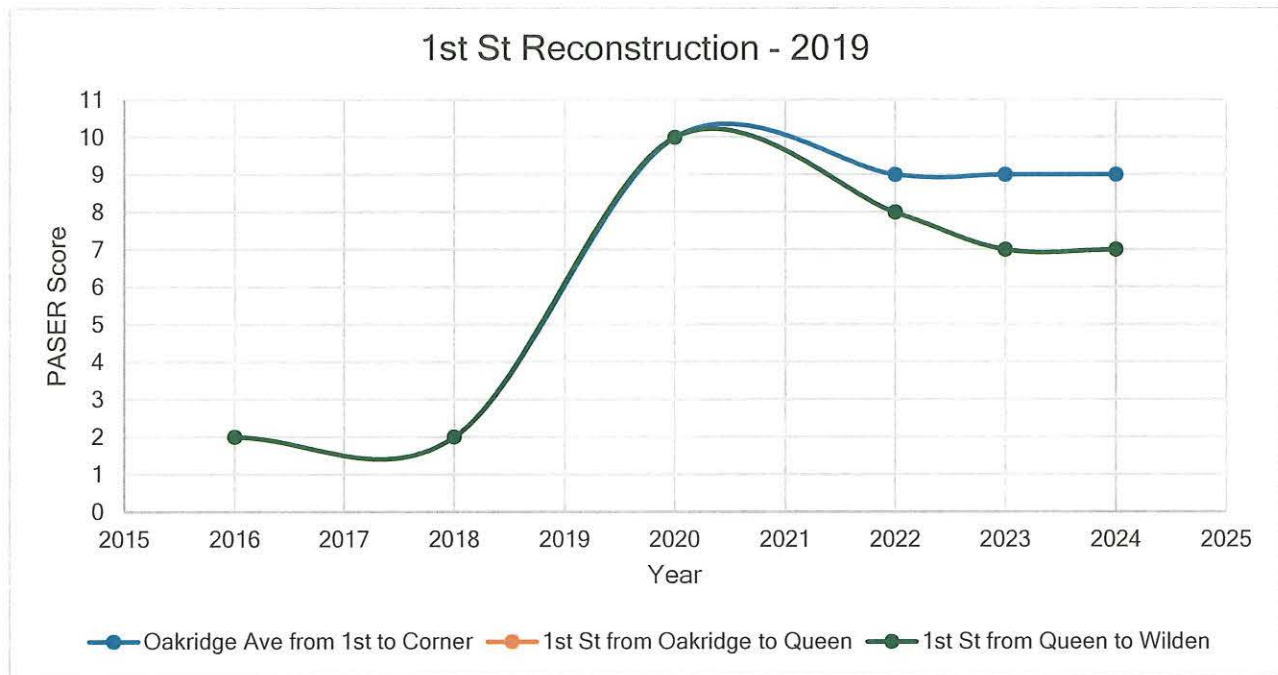
The table below shows the mileage summary for the associated PASER rating, sorted by road classes.

	Rating	Road Miles	Percentage
<b>Arterial</b>	1	0.00	0.00%
	2	2.77	18.16%
	3	4.56	29.92%
	4	5.03	33.00%
	5	0.92	6.02%
	6	0.12	0.78%
	7	1.41	9.28%
	8	0.22	1.44%
	9	0.21	1.41%
	10	0.00	0.00%
	<b>Total</b>	<b>15.24</b>	<b>100.00%</b>
<b>Collector</b>	1	0.00	0.00%
	2	9.57	33.98%
	3	5.82	20.68%
	4	9.30	33.03%
	5	0.87	3.09%
	6	0.60	2.13%
	7	0.45	1.61%
	8	0.00	0.00%
	9	0.86	3.04%
	10	0.68	2.43%
	<b>Total</b>	<b>28.15</b>	<b>100.00%</b>
<b>Local</b>	1	1.45	1.40%
	2	30.00	29.05%
	3	21.68	21.00%
	4	17.04	16.50%
	5	12.95	12.54%
	6	3.60	3.49%
	7	7.11	6.89%
	8	2.41	2.33%
	9	6.25	6.05%
	10	0.78	0.75%
	<b>Total</b>	<b>103.25</b>	<b>100.00%</b>

The chart below shows the mileage summary for the associated PASER rating, sorted by road classes.



The charts below represent some of the further analysis that has been performed on Goshen’s roadway network. Graphing degradation of our roadways has helped determine effective levels of treatment, both good and poor, at different PASER ratings, as well as monitoring the consistency of our PASER analysis. Additionally, net salvage values can be obtained from the current condition of these roadways to determine the gap between the cost of new roadway and its current condition. These charts are available for all roadway segments that have received treatment since the start of Goshen’s PASER data collection in 2016.



## Pavement Maintenance and Cost

The City of Goshen is taking an approach to road maintenance known as the mix of fixes. A mix of fixes approach puts funding towards pavement in need of major rehabilitation or reconstruction, but also addresses roads in good and fair condition in an effort to extend their useful life. The mix of fixes used in the City of Goshen are preventative maintenance, non-structural preservation treatment, rehabilitation or structural repairs, and reconstruction or replacement. These methods will be assessed annually to determine treatment effectiveness.

### Preventative Maintenance

Preventative maintenance are treatments applied to pavements that are in relatively good condition. These are typically low cost treatments that slow the rate of deterioration, such as crack sealing or matlene replacement.

### Non-structural Preservation Treatment

Non-structural preservation treatments are a broad category of treatments which can include preventative maintenance activities as well as minor rehabilitation activities, such as thin overlays, micro surfacing, chip seal, or seal coating. Usually less than 2 inches in depth, and used to treat signs of distress such as block cracking and transverse cracking.

### Rehabilitation or Structural Repairs

Rehabilitation or structural repairs are necessary when assets have deteriorated significantly and more substantial treatments are needed. Rehabilitation treatments include structural enhancements to the pavement that extend the service life and improve the ability to carry traffic loads, such as mill and pave treatments.

### Reconstruction or Replacement

When assets are considered to have failed, they are candidates for reconstruction or replacement. Reconstruction usually requires the complete removal and replacement of the existing pavement structure.



## Cost Summary

The following table summarizes the required funds to treat the City of Goshen’s roadway network with their appropriate treatments.

Cost Summary					
Rating	Total Miles	Treatment	Estimated Cost Per Mile	Estimated Cost	Typical Performance Periods
10	1.46	No Treatment Required	\$ -	\$ -	0 Years
9	7.32	Maltene Replacement Treatment	\$ 27,500.00	\$ 201,193.18	5 - 7 Years
8	2.63	Crack Sealing	\$ 10,000.00	\$ 26,265.63	1 - 3 Years
7	8.98	Crack Sealing	\$ 10,000.00	\$ 89,822.37	1 - 3 Years
6	4.32	Crack Sealing	\$ 10,000.00	\$ 43,211.20	1 - 3 Years
5	14.73	Milling and Resurfacing	\$ 300,000.00	\$ 4,419,819.44	5 - 10 Years
4	31.37	Milling and Resurfacing with 25% Patching	\$ 350,000.00	\$ 10,977,945.34	5 - 10 Years
3	32.06	Milling and Resurfacing with 50% Patching	\$ 400,000.00	\$ 12,824,576.67	5 - 10 Years
2	42.33	Full Reconstruction	\$ 750,000.00	\$ 31,746,904.88	20 - 30 Years
1	1.45	Full Reconstruction	\$ 750,000.00	\$ 1,086,768.05	20 - 30 Years
<b>Total:</b>					<b>61,416,506.76</b>

The costs listed above are reflective of the treatment option most likely to be used by the City of Goshen and the estimations based on costs of recent project bids. Total costs to provide city residents with a perfect roadway infrastructure shows the importance of treating roadways at higher scores rather than letting them fail. This number is approximately \$800,000 *less* than the previous year showing a positive trend in roadway treatment needs unlike previous years. The following table shows the cost to replace the City of Goshen’s roadway infrastructure if every segment were to fail.

Class	Arterial	Collector	Local	Total
Miles	15.24	28.15	103.25	146.64
Cost	\$11,430,000.00	\$21,112,500.00	\$77,435,500.00	<b>\$109,980,000.00</b>

If every roadway segment in the City of Goshen were to deteriorate and fail, the total cost to reconstruct every roadway segment in the infrastructure would cost **\$109,980,000.00** based on current bid estimations. This number is almost twice the overall total of the city’s entire operating budget for a single year. This cost is not feasible for the City of Goshen to spend on roadway and reinforces the need for an asset management program in order to extend the life of the roadway. The following table gives an example of what a series of treatments could look like for a single roadway segment in the City of Goshen’s infrastructure.

## Preservation Strategy

The following table represents the estimated cost per life cycle of a single roadway segment in the City of Goshen’s roadway network. The cost is broken down by the estimated year and estimated PASER score of the roadway segment and the appropriate treatment to be applied for such a condition.

Year	Estimated PASER Score	Treatment	Estimated Cost
2	9	MRT	\$2,750.00
7	8	Crack Seal	\$1,100.00
10	6	Crack Seal	\$1,100.00
13	4	Mill and Overlay	\$33,000.00
18	7	Crack Seal	\$1,100.00
21	6	Crack Seal	\$1,100.00
24	3	Mill and Overlay	\$33,000.00
27	6	Crack Seal	\$1,100.00
30	2	Reconstruction	\$82,500.00
<b>Segment cost per life cycle</b>			<b>\$156,750.00</b>
<b>Segment cost per year</b>			<b>\$5,225.00</b>
<b>Total number of segments</b>			<b>1344</b>
<b>Total budget needed per year</b>			<b>\$7,022,400.00</b>

These numbers represent the average road segment length of 0.11 centerline miles long using the numbers first mentioned in the Cost Summary section of this asset management plan. If you take the price per segment per year and apply it to all 1,344 segments in the City of Goshen’s roadway network, the total comes out to **\$7,022,400.00** per year in order to keep up with maintenance costs of all roadways based on current bid estimations.

## Treatment Summary

The following table shows the total mileage of treatments applied to the city’s roadway network for the previous 5 years.

Treatment	2020	2021	2022	2023	2024	Costs
Crack Seal	18.37	8.46	4.54	12.25	17.58	\$ 612,000.00
Overlay - 1.5"	0.41	0.19	1.68	0.34	0	\$ 196,500.00
Mill and Resurface - 1.5"	0	0	3.3	0	0	\$ 990,000.00
Mill and Resurface - 2"	0.58	3.92	0	1.9	0.66	\$ 2,294,500.00
Mill and Resurface - 4"	0	0	0	0.56	0	\$ 224,000.00
Reconstruction - Asphalt	0	0.08	0	1.4	0.24	\$ 1,290,000.00
Full Depth Reclamation with Asphalt	0	0	0	0.2	0	\$ 90,000.00
Rejuvenator	0	0	0	0	3.64	\$ 100,100.00
Total Miles	19.36	12.65	9.52	16.65	22.12	--
<b>Costs</b>	<b>\$402,950.00</b>	<b>\$1,432,850.00</b>	<b>\$1,161,400.00</b>	<b>\$2,129,500.00</b>	<b>\$ 670,400.00</b>	<b>\$ 5,797,100.00</b>

It should be noted that 2024 is substantially lower than previous years. This is due to a timing issue with a roadway project. Planned roadway work scheduled for 2024 is going to occur in 2025 *in addition to* work scheduled for 2025. Without knowing what the annual budget will be for the street infrastructure, it is better to look at allocations based on a percentage approach, rather than a dollar amount. The main preservation treatment types that the City of Goshen will be applying to the roadway will be Maltene Rejuvenation, Crack Sealing, Milling and Paving, and Full Reconstruction. It is suggested that the City of Goshen allocate their budget in order to address all four treatment types, with the percentage of the budget large enough to encompass applying Maltene Rejuvenation to all PASER rating 10 roadway segments. A possible allocation split for the budget would be 45% allocation towards Full Reconstruction, 45% allocation towards Milling and Paving, 5% allocation towards Crack sealing, and 5% allocation for Maltene Replacement, up to the amount needed, then the remaining allocation to be used towards Milling and Paving.

The following table is an example of the budget allocation based on the described percentages above for a total of \$2,500,000.00.

Treatment	Cost per Mile	Allocated Budget	Total Miles
Rejuvenation	\$25,000.00	\$100,000.00	4
Crack Sealing	\$10,000.00	\$100,000.00	10
Mill and Paving	\$400,000.00	\$800,000.00	2.0
Full Reconstruction	\$750,000.00	\$1,500,000.00	2.0

This allows for approximately 2 miles of full reconstruction, 2 miles of Milling and Paving, a substantial amount of crack sealing, and 4 miles of Maltene Replacement Treatment needed for 2025. These numbers will change depending on annual needs. Funding allocations are bound to fluctuate based on proposed projects and roadway needs. However, total funding spent will not change. This exclaims the importance of determining which roadway treatments need completed at which time. Previous analysis has shown that roadway degradation occurs too quickly and treatments need monitored closely moving forward. If proposed treatment plans as part of this AMP do not address the fast degradation issues, adjustments should be made to slow down the rapid deterioration of our roadway surfaces.

# Drainage and Right of Way

## Right of Way

The City of Goshen maintains Right of Way (ROW) data for all public roadways within city limits. All ROW measurements are contained directly in our roadway segment inventory which is submitted annually to the State of Indiana. These ROW measurements help Goshen determine ROW utilization, showing both limitations and areas where potential infrastructure expansions can occur. As the City of Goshen starts a new project, a survey is performed to ensure ROW data is accurate and can support the proposed infrastructure work. If enough ROW is not present for proposed work, additional ROW would be required and appropriate steps to obtain ROW will be taken in accordance with Indiana regulations.

## Drainage

The City of Goshen maintains drainage information within our service boundaries. Drainage classifications are contained directly in our roadway segment inventory which is submitted annually to the State of Indiana. Our Department of Stormwater has detailed knowledge of any drainage concerns and is consulted before any work is done. As projects are surveyed, drainage on these roadways will be evaluated. If there are any drainage issues, they will be addressed and corrected during design and construction. The City of Goshen's drainage consists of curb and gutter, ditches, swales, and stormwater infrastructure. Generally, our drainage is adequate, with less than 10% of our roadways having poor drainage due to lack of infrastructure. Having available infrastructure is not beneficial unless the infrastructure is properly maintained and in good working order. Maintenance is regularly performed on drainage assets to ensure stormwater is collected and/or removed from the roadway adequately and safely.

## Additional Transportation Assets

A transportation network is comprised of a complex network of assets working together to ensure safe and compliant travels for all. When installed correctly and followed accordingly, roadway transportation assets allow vehicles, bicycles, and pedestrians alike reach their destinations quickly and safely. The City of Goshen strives to maintain this network in a good condition, and has established maintenance programs for each asset.

### Signs

Signs regulate many aspects of transportation, including vehicular movements, restrictions, and even pedestrian safety warnings. These are just a few of the reasons why maintaining a good condition on signs is of the utmost importance. The City of Goshen has approximately 8,900 signs in its transportation network that are owned and maintained by the city, the state, or private entities. These signs are all spatially mapped providing accurate locations for our sign network. Knowing the location of these signs and their intended function helps to analyze both the strength of our network and any potential safety gaps that need addressed. Along with being mapped, data is collected with each sign and includes owner, size, Manual on Uniform Traffic Control Devices (MUTCD) type and code, mounting height, condition, and related pole information. The City of Goshen established a maintenance program through an adopted ordinance and resolution requiring that signs are replaced every 10 years, or when they no longer meet retroreflectivity minimum standards, whichever comes first.

### Sidewalks

Sidewalk is an essential piece of infrastructure that allows pedestrians to reach their destinations while giving them a designated travel area outside of the flow of vehicular traffic. Designated travel areas are meaningless if they are not kept in a condition where they are accessible and usable to the public. The City of Goshen has approximately 58 miles of sidewalk infrastructure in its transportation network. All sidewalks have been evaluated for connectivity, width, and trip hazards. It was determined that trip hazards are among the highest concerns for safety while traversing a sidewalk, and took priority in our inventory efforts. In addition to our sidewalks, Goshen has collected an inventory of curb ramps and currently has approximately 1,650 in total. Curb ramps are an essential piece of transportation infrastructure which allow residents to easily traverse between walking paths and the hard surfaces they cross. Knowing where these are and what condition they are in will help to ensure they can be maintained in a condition that does not hinder transportation activities.

## Pavement Markings

Pavement markings are safety driven indicators helping to maintain and regulate the flow of traffic on roadways. The City of Goshen is actively working on collecting a pavement marking inventory for the entire city, including details such as width and retroreflectivity. The MUTCD contains both regulations and guidance on how pavement markings need to be and should be used. Maintaining an up-to-date inventory of pavement markings will ensure that safety standards are upheld and minimum standards are achieved. The MUTCD mandates that new retroreflectivity standards must be maintained on pavement markings for roadways with speed limits of 35 MPH or higher, effective September 26, 2026. The City of Goshen is working on a policy to ensure minimum retroreflectivity standards are maintained on pavement markings by the September 26, 2026 deadline.



**Engineering Department  
CITY OF GOSHEN**

204 East Jefferson Street, Suite 1 • Goshen, IN 46528-3405

Phone (574) 534-2201 • Fax (574) 533-8626 • TDD (574) 534-3185  
engineering@goshencity.com • www.goshenindiana.org

## MEMORANDUM

TO: Board of Works and Safety and Stormwater Board

FROM: Engineering Department

RE: **CHANGE ORDER NO. 6 FOR 10<sup>TH</sup> STREET AND DOUGLAS STREET  
ROAD RECONSTRUCTION (JN: 2022-0037)**

DATE: November 14, 2024

---

Attached please find Change Order No. 6 for the 10<sup>th</sup> Street and Douglas Street Reconstruction project. The change order with Redevelopment Commission signatures will be provided at the Board of Works meeting.

Change Order No. 6 includes costs related to the addition of sanitary sewer service on Reynolds Street, east of 10<sup>th</sup> Street, as well as underground stormwater retention on Reynolds Street, west of 10<sup>th</sup> Street. The sanitary sewer extension was included in the project in order to provide service to houses that are currently attached to “party” sewer laterals. Underground stormwater retention was added to the project, as the existing drywell is insufficient to handle stormwater runoff from the Reynolds Street alternate reconstruction. With the additional work, the project schedule will be extended 14 days.

The original contract amount plus additions from Change Order No. 1 through Change Order No. 5 was \$4,332,663.08. Change Order No. 6 increases the total contract by \$191,865.00, for a revised contract amount of \$4,524,528.08, which is an increase of 6.49% over the original contract amount.

Funding for Change Order No. 6 costs will be split between Goshen Utilities and Redevelopment:

Goshen Utilities: \$127,337.00 (Sanitary Extension and related work)

Goshen Redevelopment: \$ 64,528.00 (Underground Stormwater Retention)

**Requested Motion: Approve Change Order No. 6 for the 10<sup>th</sup> Street and Douglas Street Reconstruction project in the amount of \$191,865.00 and 14 days.**



**CITY OF GOSHEN, INDIANA**  
**OFFICE OF THE CITY ENGINEER**  
**204 E. Jefferson Street, Suite 1**  
**Goshen, IN 46528**

OWNER: City of Goshen

PROJECT NAME: 10th Street and Douglas Street Road Reconstruction

PROJECT NUMBER: 2022-0037

CONTRACTOR: Niblock Excavating, Inc.

**I. DESCRIPTION OF WORK INVOLVED** (Use additional sheets if needed)

Change Order No. 6 includes costs related to the addition of sanitary sewer service on Reynolds Street, east of 10th Street, as well as underground stormwater retention on Reynolds Street, west of 10th Street. The sanitary sewer extension was included in the project in order to provide service to houses that are currently attached to "party" sewer laterals. Underground stormwater retention was added to the project, as the existing drywell is insufficient to handle stormwater runoff from the Reynolds Street alternate reconstruction. With the additional work, the project schedule will be extended 14 days.

Funding for sanitary sewer extension and related work will come from Goshen Utilities.

Redevelopment would cover costs related to the underground stormwater retention.

CO6.1	Construction Engineering Note: All Reynolds Additions	1 LS	@ \$930.00	-----	\$930.00
CO6.2	Pavement Removal, All Types Note: Reynolds Sanitary Extension	740 SYD	@ \$10.00	-----	\$7,400.00
CO6.3	Curb Removal Note: Reynolds Sanitary Extension	150 LFT	@ \$13.25	-----	\$1,987.50
CO6.4	Remove Buried Wood Utility Pole Note: Reynolds Street, near 601 E Reynolds	1 EA	@ \$555.00	-----	\$555.00
CO6.5	Excavation, Common - Reynolds Extension Note: Reynolds Sanitary Extension	1 LS	@ \$8,591.00	-----	\$8,591.00
CO6.6	Excavation, Common - Reynolds Storm Note: Reynolds Street Underground Stormwater	1 LS	@ \$8,752.50	-----	\$8,752.50
CO6.7	Temporary Erosion Control Additions Note: All Reynolds Additions	1 LSUM	@ \$8,506.00	-----	\$8,506.00
CO6.8	Compacted Aggregate, No. 53 Note: Reynolds Sanitary Extension	380 TN	@ \$39.25	-----	\$14,915.00
CO6.9	Curb, Concrete Note: Reynolds Sanitary Extension	42 LFT	@ \$45.00	-----	\$1,890.00

CO6.10	PCCP for Approaches, 6 IN Note: Reynolds Sanitary Extension	125 SYD	@ \$95.00	-----	\$11,875.00
CO6.11	Sidewalk, Concrete 4 IN Note: Reynolds Sanitary Extension	90 SYD	@ \$65.00	-----	\$5,850.00
CO6.12	HMA Surface, Type B Note: Reynolds Sanitary Extension	42 TON	@ \$120.00	-----	\$5,040.00
CO6.13	HMA Intermediate, Type B Note: Reynolds Sanitary Extension	69 TON	@ \$97.50	-----	\$6,727.50
CO6.14	HMA Base, Type B Note: Reynolds Sanitary Extension	83 TON	@ \$90.00	-----	\$7,470.00
CO6.15	Joint Adhesive, Surface Note: Reynolds Sanitary Extension	175 LFT	@ \$0.85	-----	\$148.75
CO6.16	Joint Adhesive, Intermediate Note: Reynolds Sanitary Extension	155 LFT	@ \$0.85	-----	\$131.75
CO6.17	Liquid Asphalt Sealant Note: Reynolds Sanitary Extension	175 LFT	@ \$0.20	-----	\$35.00
CO6.18	Asphalt for Tack Coat Note: Reynolds Sanitary Extension	0.25 TON	@ \$1,550.00	-----	\$387.50
CO6.19	Water Service Extension Note: Reynolds Sanitary Extension	1 ALLOW	@ \$1,500.00	-----	\$1,500.00
CO6.20	Abandon Water Service Note: Reynolds Sanitary Extension, 708 E Reynolds	1 EA	@ \$1,500.00	-----	\$1,500.00
CO6.21	Pipe, 8 IN C900 PVC Note: Reynolds Sanitary Extension	240 LFT	@ \$67.50	-----	\$16,200.00
CO6.22	Sanitary Service Connection, C900 PVC Note: Reynolds Sanitary Extension	3 EA	@ \$3,750.00	-----	\$11,250.00
CO6.23	Sanitary Manhole, 48 IN Dia. Note: Reynolds Sanitary Extension	2 EA	@ \$4,850.00	-----	\$9,700.00
CO6.24	General Site Grading (Swale Grading) Note: Reynolds Sanitary Extension	1 LSUM	@ \$5,020.00	-----	\$5,020.00
CO6.25	Mulched Seeding Note: Reynolds Sanitary Extension	350 SYD	@ \$11.00	-----	\$3,850.00
CO6.26	Plant, Deciduous Tree, Single Stem, over 2 IN - 2.5 IN Note: Reynolds Sanitary Extension	1 EA	@ \$1,150.00	-----	\$1,150.00
CO6.27	Catch Basin, 48 IN Dia. Note: Reynolds Street Underground Stormwater	1 EA	@ \$4,500.00	-----	\$4,500.00
CO6.28	Reuse Existing Drywell as Catch Basin Note: Reynolds Street Underground Stormwater Price includes cleaning, coring, chimney & casting, and mudding drywell holes, if required	1 EA	@ \$3,890.00	-----	\$3,890.00

CO6.29	Drywell, 72 IN Dia. Note: Reynolds Street Underground Stormwater	1 EA	@ \$4,500.00	.....	\$4,500.00
CO6.30	Storm Structure Epoxy - Reynolds Note: Reynolds Street Underground Stormwater	1 EA	@ \$3,200.00	.....	\$3,200.00
CO6.31	Pipe, 8 IN PVC Note: Reynolds Street Underground Stormwater	55 LFT	@ \$57.50	.....	\$3,162.50
CO6.32	Pipe, 24 IN HDPE Perforated Note: Reynolds Street Underground Stormwater	50 LFT	@ \$50.00	.....	\$2,500.00
CO6.33	No. 2 Stone for French Drain Note: Reynolds Street Underground Stormwater	460 TON	@ \$62.50	.....	\$28,750.00
				Subtotal - Utilities	\$127,337.00
				Subtotal - RDC	\$64,528.00
				Total -	\$191,865.00

**II. ADJUSTMENTS IN AMOUNT OF CONTRACT**

1. Amount of original contract		\$4,248,803.95
2. Net ( <del>Addition/Reduction</del> ) due to all Previous Contract Supplements Numbers 0 to <u>5</u>		\$83,859.13
3. Amount of Contract, not including this supplement		\$4,332,663.08
4. <del>Addition/Reduction</del> to Contract due to this supplement		\$191,865.00
5. Amount of Contract, including this supplemental		\$4,524,528.08
6. Total ( <del>Addition/Reduction</del> ) due to all Change Orders (Line 2 + Line 4)		\$275,724.13
7. Total percent of change in the original contract price Includes Change Order No. 1 to <u>6</u> (Line 6 divided by Line 1)		6.49%

**III. CONTRACT SUPPLEMENT CONDITIONS**

1. The contract completion date established in the original contract or as modified by previous Contract Supplement(s) is hereby extended/~~reduced~~ by 14 calendar days, making the final completion date October 28, 2024.
2. Any additional work to be performed under this Contract supplement will be carried out in compliance with the specifications included in the preceding Description of Work Involved, with the supplemental contract drawing designed as X-2444, and under the provisions of the original contract including compliance with applicable equipment specifications, general specifications and project specifications for the same type of work.
3. This Contract Supplement, unless otherwise provided herein, does not relieve the contractor from strict compliance with the guarantee provisions of the original contract, particularly those pertaining to performance and operation of equipment.
4. The contractor expressly agrees that he will place under coverage of his Performance and Payment Bonds and contractor's insurance, all work covered by this Contract Supplement. The contractor will furnished to the owner evidence of increased coverage of this Performance and Payments bonds for the accrued value of all contract supplements, which exceed the original contract price by twenty (20) percent.

**RECOMMENDED FOR ACCEPTANCE**



\_\_\_\_\_  
Dustin K. Sailor, P.E.  
Director of Public Works

**ACCEPTED:** REDEVELOPMENT  
CITY OF GOSHEN, INDIANA

BY: \_\_\_\_\_  
Becky Hutsell, Redevelopment Director

**ACCEPTED:** BOARD OF PUBLIC WORKS AND SAFETY  
CITY OF GOSHEN, INDIANA

\_\_\_\_\_  
Mayor

\_\_\_\_\_  
Member

\_\_\_\_\_  
Member

\_\_\_\_\_  
Member

\_\_\_\_\_  
Member

**ACCEPTED:** CONTRACTOR

\_\_\_\_\_  
Niblock Excavating, Inc.

BY: \_\_\_\_\_  
Signature of authorized representative

\_\_\_\_\_  
Printed

\_\_\_\_\_  
Title



**Engineering Department  
CITY OF GOSHEN**

204 East Jefferson Street, Suite 1 • Goshen, IN 46528-3405

Phone (574) 534-2201 • Fax (574) 533-8626 • TDD (574) 534-3185  
engineering@goshencity.com • www.goshenindiana.org

## MEMORANDUM

TO: Board of Works and Safety and Stormwater Board

FROM: Engineering Department

RE: **WILDEN AVENUE RECONSTRUCTION FROM ROCK RUN CREEK TO FIFTH STREET – CHANGE ORDER NO. 11 (JN: 2014-0035)**

DATE: November 14, 2024

---

Goshen Engineering is presenting Change Order No. 11 for a contract increase of \$327,916.98 and 0 days. Change Order No. 11 is a balancing change order to close the project. Significant additions of materials and work include the following (not all adjustments are reflected):

Quality Adjustments, HMA:	\$23,163.20
Areas of additional alley and drive approaches, including changing these to concrete pavement:	\$116,782.58
Areas of HMA pavement and related subgrade preparation that were over bid quantities, due to added areas during construction and as-built measurements that differed substantially from design quantities:	\$68,982.01
Curb and gutter field quantity that was over original bid:	\$47,800.00
Water service lines added for possible future lots:	\$18,384.80
Sanitary sewer lateral connections added for future lots, as well as payment for wyes and fittings not accounted for in bid quantity:	\$116,790.44
Additional 6-inch water main quantity, including fittings that were not accounted for in change order amount:	\$22,315.47

With this and previous change orders, totaling \$760,133.42, the amended contract price will be \$7,725,152.98, representing a total increase of 10.9%.

***Requested Motion:*** Move to approve Change Order No. 11 in the amount of \$327,916.98 and authorize the Mayor to sign the change order.

Contract No:R -37647

Change Order No.: 011

**INDIANA Department of Transportation  
Construction Change Order and Time Extension Summary**

Page: 1

**Contract Information**

District:FT. WAYNE DISTRICT

Contract No.: R -37647

AE:Koch, Michael

Letting Date:05/05/2022

PE/S:Wakeman, John

Status:Draft

**Change Order Information**

Date Generated: 00/00/0000

Change Order No.: 011

Date Approved: 00/00/0000

EWA: Y or Force Acct: N

Reason Code: FINAL QUANTITY ADJUSTMENT

Description: Over/Unders

Original Contract Amount \$ 6,965,019.56

Current Change Order Amount \$ 327,507.98

Percent: 4.702 %

Total Previous Approved Changes \$ 432,216.44

Percent: 6.206 %

Total Change To-Date \$ 759,724.42

Percent: 10.908 %

Modified Contract Amount \$ 7,724,743.98

**Time Extension Information**

Date Initiated 00/00/0000

Date Completed 00/00/0000

Original Contract Time

SS Completion Date 00/00/0000 or SS Calendar/Work Days 0

SP Date 00/00/0000 or SP Days

(SS = Standard Specification, SP = Special Provision)

Time Element Description:

Current Time Extension

SS Days 0 SP Days 0 SP Days Value \$ 0.00

Previous Time Approved

SS Days by AE: \_\_\_\_\_ DCE: \_\_\_\_\_ SCE: \_\_\_\_\_ DDCM: \_\_\_\_\_

SS Days \_\_\_\_\_ SP Days Value \$ \_\_\_\_\_

Revised Contract Time

SS Completion Date 00/00/0000 or SS Calendar/Work Days 0

SS Date 00/00/0000 or SP Days 0

INDIANA Department of Transportation  
Construction Change Order and Time Extension Summary

**Review and Approval Information**

Required Approval Authority AE: \_\_\_\_\_ DCE: \_\_\_\_\_ SCE: \_\_\_\_\_ \* DDCM: \_\_\_\_\_ \*  
(\$ per Change Order) (- LE \$ 250K-) (- LE \$ 750K - ) ( -- LE \$ 2 M -- ) ( -- GT \$ 2 M -- )  
(Days per Contract) ( 50 SS days ) ( 100 SS days ) ( 200 SS Days ) ( GT 200 SS days)

Verbal Approval Required? Y / N If Y, by \_\_\_\_\_ Date Issued \_\_\_\_\_

Total Change To-Date>5%? Y / N If Y , Copy to Program Budget Manager \_\_\_\_\_

Scope/Design Recommendation Required? Y / N If Y, Referred to Project Manager(PM) \_\_\_\_\_

Date to PM \_\_\_\_\_ Date Returned \_\_\_\_\_

Approval Authority Concurs with PM? Y / N If Y, Concurrence by \_\_\_\_\_ Date \_\_\_\_\_

If N,Resolution: Approved \_\_\_\_\_ Disapproved \_\_\_\_\_

Resolved by \_\_\_\_\_ Date \_\_\_\_\_

LPA Signatures Required? Y / N If Y, Date to LPA \_\_\_\_\_ Date Returned \_\_\_\_\_

FHWA Signatures Required? Y / N If Y, Date to FHWA \_\_\_\_\_ Date Returned \_\_\_\_\_

\* Field Engineer Recommendation (Required for SCE or DDCM Approval)

Field Engineer \_\_\_\_\_ Date \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Contract No:R -37647  
 Change Order No:011

INDIANA  
 Department of Transportation

Date:10/22/2024  
 Page: 3

Contract: R -37647  
 Project: 1400715 - State:140071500LC2  
 Change Order Nbr: 011  
 Change Order Description: Over/Unders  
 Reason Code: FINAL QUANTITY ADJUSTMENT

CLN	PCN	PLN	Item Code	Unit	Unit Price	CO Qty	Comment	Amount Change
0002	1400715	0002	109-08359	DOL	1.000	-110000.000	C	Amount:\$ -110,000.00
<b>Item Description:</b> LIQUIDATED DAMAGES								
Supplemental Description1:								
Supplemental Description2:								
0004	1400715	0004	109-08440	DOL	1.000	23163.200	C	Amount:\$ 23,163.20
<b>Item Description:</b> QUALITY ADJUSTMENTS, HMA								
Supplemental Description1:								
Supplemental Description2:								
0017	1400715	0017	202-03135	SFT	50.000	-110.000	C	Amount:\$ -5,500.00
<b>Item Description:</b> REGULATED ASBESTOS CONTAINING MATERIALS, REMOVE								
Supplemental Description1:								
Supplemental Description2:								
0018	1400715	0018	203-02000	CYS	39.750	50.000	C	Amount:\$ 1,987.50
<b>Item Description:</b> EXCAVATION, COMMON								
Supplemental Description1:								
Supplemental Description2:								
0019	1400715	0019	205-12108	DOL	1.000	1393.190	C	Amount:\$ 1,393.19
<b>Item Description:</b> STORMWATER MANAGEMENT BUDGET								
Supplemental Description1:								
Supplemental Description2:								
0022	1400715	0022	207-08264	SYS	50.880	1088.730	C	Amount:\$ 55,394.58
<b>Item Description:</b> SUBGRADE TREATMENT, TYPE II								
Supplemental Description1:								
Supplemental Description2:								
0023	1400715	0023	207-08268	SYS	46.780	540.960	C	Amount:\$ 25,306.10
<b>Item Description:</b> SUBGRADE TREATMENT, TYPE IV								
Supplemental Description1:								
Supplemental Description2:								
0024	1400715	0024	207-09935	SYS	52.390	169.410	C	Amount:\$ 8,875.38
<b>Item Description:</b> SUBGRADE TREATMENT, TYPE IC								
Supplemental Description1:								
Supplemental Description2:								
0025	1400715	0025	211-09264	CYS	89.480	395.350	C	Amount:\$ 35,375.91
<b>Item Description:</b> STRUCTURE BACKFILL, TYPE 1								
Supplemental Description1:								
Supplemental Description2:								
0026	1400715	0026	302-07455	CYS	201.850	87.230	C	Amount:\$ 17,607.37
<b>Item Description:</b> DENSE GRADED SUBBASE								
Supplemental Description1:								

Contract No:R -37647  
Change Order No:011

INDIANA  
Department of Transportation

Date:10/22/2024  
Page: 4

Supplemental Description2:

0028 1400715 0028 304-12625 TON 185.000 57.680 C Amount:\$ 10,670.80

**Item Description:** HMA PATCHING FULL DEPTH, TYPE C

Supplemental Description1:

Supplemental Description2:

0029 1400715 0029 306-08034 SYS 6.090 -36.560 C Amount:\$ -222.65

**Item Description:** MILLING, ASPHALT, 1 1/2 IN.

Supplemental Description1:

Supplemental Description2:

0030 1400715 0030 401-07321 TON 155.000 111.780 C Amount:\$ 17,325.90

**Item Description:** QC/QA-HMA, 2, 64, SURFACE, 9.5 mm

Supplemental Description1:

Supplemental Description2:

0031 1400715 0031 401-07335 TON 200.000 21.110 C Amount:\$ 4,222.00

**Item Description:** QC/QA-HMA, 4, 76, SURFACE, 9.5 mm

Supplemental Description1:

Supplemental Description2:

0032 1400715 0032 401-07390 TON 120.000 -248.210 C Amount:\$ -29,785.20

**Item Description:** QC/QA-HMA, 2, 64, INTERMEDIATE, 19.0 mm

Supplemental Description1:

Supplemental Description2:

0033 1400715 0033 401-07423 TON 125.000 18.810 C Amount:\$ 2,351.25

**Item Description:** QC/QA-HMA, 2, 64, BASE, 19.0 mm

Supplemental Description1:

Supplemental Description2:

0034 1400715 0034 401-10258 LFT 0.700 -786.000 C Amount:\$ -550.20

**Item Description:** JOINT ADHESIVE, SURFACE

Supplemental Description1:

Supplemental Description2:

0035 1400715 0035 401-10259 LFT 0.870 -985.000 C Amount:\$ -856.95

**Item Description:** JOINT ADHESIVE, INTERMEDIATE

Supplemental Description1:

Supplemental Description2:

0036 1400715 0036 401-11785 LFT 0.330 -725.000 C Amount:\$ -239.25

**Item Description:** LIQUID ASPHALT SEALANT

Supplemental Description1:

Supplemental Description2:

0037 1400715 0037 406-05520 TON 353.680 -5.420 C Amount:\$ -1,916.94

**Item Description:** ASPHALT FOR TACK COAT

Supplemental Description1:

Supplemental Description2:

0038 1400715 0038 604-06070 SYS 67.510 22.060 C Amount:\$ 1,489.27

**Item Description:** SIDEWALK, CONCRETE

Supplemental Description1:

Supplemental Description2:

Contract No:R -37647

INDIANA

Date:10/22/2024

Change Order No:011

Department of Transportation

Page: 5

0039	1400715	0039	604-08086	SYS	225.000	48.600	C	Amount:\$	10,935.00
<b>Item Description:</b> CURB RAMP, CONCRETE									
Supplemental Description1:									
Supplemental Description2:									
0040	1400715	0040	604-12083	SYS	235.620	1.860	C	Amount:\$	438.25
<b>Item Description:</b> DETECTABLE WARNING SURFACES									
Supplemental Description1:									
Supplemental Description2:									
0041	1400715	0041	604-44251	CYS	681.310	21.170	C	Amount:\$	14,423.33
<b>Item Description:</b> STEPS, CONCRETE									
Supplemental Description1:									
Supplemental Description2:									
0042	1400715	0042	604-92237	LFT	215.000	-11.000	C	Amount:\$	-2,365.00
<b>Item Description:</b> HAND RAIL, STEEL									
Supplemental Description1:									
Supplemental Description2:									
0043	1400715	0043	605-06120	LFT	50.000	67.000	C	Amount:\$	3,350.00
<b>Item Description:</b> CURB, CONCRETE									
Supplemental Description1:									
Supplemental Description2:									
0044	1400715	0044	605-06155	LFT	25.000	1912.000	C	Amount:\$	47,800.00
<b>Item Description:</b> CURB AND GUTTER, CONCRETE, MODIFIED									
Supplemental Description1:									
Supplemental Description2:									
0045	1400715	0045	610-07487	TON	200.000	131.750	C	Amount:\$	26,350.00
<b>Item Description:</b> HMA FOR APPROACHES, TYPE B									
Supplemental Description1:									
Supplemental Description2:									
0046	1400715	0046	610-08446	SYS	82.000	533.910	C	Amount:\$	43,780.62
<b>Item Description:</b> PCCP FOR APPROACHES, 6 IN.									
Supplemental Description1:									
Supplemental Description2:									
0047	1400715	0047	610-09108	SYS	97.000	17.800	C	Amount:\$	1,726.60
<b>Item Description:</b> PCCP FOR APPROACHES, 9 IN.									
Supplemental Description1:									
Supplemental Description2:									
0048	1400715	0048	621-06567	KGAL	10.000	-21.920	C	Amount:\$	-219.20
<b>Item Description:</b> WATER									
Supplemental Description1:									
Supplemental Description2:									
0049	1400715	0049	621-06570	CYS	200.540	-40.250	C	Amount:\$	-8,071.73
<b>Item Description:</b> TOPSOIL									
Supplemental Description1:									
Supplemental Description2:									
0050	1400715	0050	621-06575	SYS	4.870	562.000	C	Amount:\$	2,736.94

Contract No:R -37647

INDIANA

Date:10/22/2024

Change Order No:011

Department of Transportation

Page: 6

**Item Description:** SODDING, NURSERY

Supplemental Description1:

Supplemental Description2:

0055 1400715 0055 628-11977 EACH 2,150.000 -1.000 C Amount:\$ -2,150.00

**Item Description:** COMPUTER SYSTEM

Supplemental Description1:

Supplemental Description2:

0056 1400715 0056 715-02744 EACH 2,800.760 1.000 C Amount:\$ 2,800.76

**Item Description:** GATE VALVE AND VALVE BOX 6 IN.

Supplemental Description1:

Supplemental Description2:

0057 1400715 0057 715-02745 EACH 3,275.960 2.000 C Amount:\$ 6,551.92

**Item Description:** GATE VALVE WITH VALVE BOX 8 IN.

Supplemental Description1:

Supplemental Description2:

0058 1400715 0058 715-02874 EACH 1,012.350 3.000 C Amount:\$ 3,037.05

**Item Description:** CURB STOP AND BOX

Supplemental Description1:

Supplemental Description2:

0059 1400715 0059 715-04965 LFT 65.660 280.000 C Amount:\$ 18,384.80

**Item Description:** WATER SERVICE LINE

Supplemental Description1:

Supplemental Description2:

0060 1400715 0060 715-05048 LFT 11.570 30.500 C Amount:\$ 352.88

**Item Description:** PIPE, TYPE 4, CIRCULAR, 6 IN.

Supplemental Description1:

Supplemental Description2:

0061 1400715 0061 715-05149 LFT 93.720 -238.750 C Amount:\$ -22,375.65

**Item Description:** PIPE, TYPE 2, CIRCULAR, 12 IN.

Supplemental Description1:

Supplemental Description2:

0062 1400715 0062 715-05151 LFT 103.720 -9.000 C Amount:\$ -933.48

**Item Description:** PIPE, TYPE 2, CIRCULAR, 15 IN.

Supplemental Description1:

Supplemental Description2:

0063 1400715 0063 715-05152 LFT 104.310 27.500 C Amount:\$ 2,868.52

**Item Description:** PIPE, TYPE 2, CIRCULAR, 18 IN.

Supplemental Description1:

Supplemental Description2:

0064 1400715 0064 715-05154 LFT 144.460 -3.000 C Amount:\$ -433.38

**Item Description:** PIPE, TYPE 2, CIRCULAR, 24 IN.

Supplemental Description1:

Supplemental Description2:

0065 1400715 0065 715-05203 LFT 24.490 -304.000 C Amount:\$ -7,444.96

**Item Description:** PIPE, TYPE 4, CIRCULAR, 4 IN.

Contract No:R -37647  
Change Order No:011

INDIANA  
Department of Transportation

Date:10/22/2024  
Page: 7

Supplemental Description1:

Supplemental Description2:

0066 1400715 0066 715-05408 LFT 40.950 42.500 C Amount:\$ 1,740.37

**Item Description:** PIPE, SANITARY SEWER, 8 IN.

Supplemental Description1:

Supplemental Description2:

0068 1400715 0068 715-11879 LFT 178.170 655.500 C Amount:\$ 116,790.43

**Item Description:** SEWER, SANITARY LATERAL, CONNECTIONS

Supplemental Description1:

Supplemental Description2:

0070 1400715 0070 715-90853 EACH 7,060.100 -1.000 C Amount:\$ -7,060.10

**Item Description:** TAPPING SLEEVE WITH VALVE

Supplemental Description1:

Supplemental Description2:

0071 1400715 0071 715-93913 LFT 67.020 -261.300 C Amount:\$ -17,512.32

**Item Description:** WATER MAIN, 8 IN.

Supplemental Description1:

Supplemental Description2:

0072 1400715 0072 718-12305 SYS 4.040 -123.080 C Amount:\$ -497.24

**Item Description:** GEOTEXTILE FOR UNDERDRAINS, TYPE 1A

Supplemental Description1:

Supplemental Description2:

0073 1400715 0073 718-52610 CYS 82.640 -6.410 C Amount:\$ -529.72

**Item Description:** AGGREGATE FOR UNDERDRAINS

Supplemental Description1:

Supplemental Description2:

0074 1400715 0074 720-10114 EACH 10,116.700 1.000 C Amount:\$ 10,116.70

**Item Description:** SANITARY DROP MANHOLE

Supplemental Description1:

Supplemental Description2:

0076 1400715 0076 720-12798 EACH 606.040 -4.000 C Amount:\$ -2,424.16

**Item Description:** CASTING, MANHOLE, ADJUST TO GRADE

Supplemental Description1:

Supplemental Description2:

0077 1400715 0077 720-45075 EACH 3,358.300 1.000 C Amount:\$ 3,358.30

**Item Description:** INLET, R13

Supplemental Description1:

Supplemental Description2:

0078 1400715 0078 720-45240 EACH 4,584.360 -1.000 C Amount:\$ -4,584.36

**Item Description:** CATCH BASIN, J10

Supplemental Description1:

Supplemental Description2:

0079 1400715 0079 720-45250 EACH 3,897.020 -0.500 C Amount:\$ -1,948.51

**Item Description:** CATCH BASIN, K10

Supplemental Description1:

Contract No:R -37647  
Change Order No:011

INDIANA  
Department of Transportation

Date:10/22/2024  
Page: 8

Supplemental Description2:

0081 1400715 0081 720-45510 EACH 4,662.140 -1.000 C Amount:\$ -4,662.14

**Item Description:** MANHOLE, C4 MODIFIED

Supplemental Description1:

Supplemental Description2:

0082 1400715 0082 720-96999 EACH 4,758.960 1.000 C Amount:\$ 4,758.96

**Item Description:** FIRE HYDRANT ASSEMBLY

Supplemental Description1:

Supplemental Description2:

0083 1400715 0083 731-93947 LFT 27.350 -362.000 C Amount:\$ -9,900.70

**Item Description:** LEVELING PAD, CONCRETE

Supplemental Description1:

Supplemental Description2:

0084 1400715 0084 732-11770 CYS 40.000 -50.250 C Amount:\$ -2,010.00

**Item Description:** AGGREGATE FOR DRAINAGE FILL

Supplemental Description1:

Supplemental Description2:

0085 1400715 0085 732-11810 SFT 29.500 446.000 C Amount:\$ 13,157.00

**Item Description:** MODULAR BLOCK WALL

Supplemental Description1:

Supplemental Description2:

0086 1400715 0086 732-11811 SFT 28.750 460.900 C Amount:\$ 13,250.87

**Item Description:** MODULAR BLOCK WALL ERECTION

Supplemental Description1:

Supplemental Description2:

0087 1400715 0087 801-06207 LFT 1.350 676.000 C Amount:\$ 912.60

**Item Description:** TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN.

Supplemental Description1:

Supplemental Description2:

0088 1400715 0088 801-06209 LFT 3.500 -292.000 C Amount:\$ -1,022.00

**Item Description:** TEMPORARY PAVEMENT MARKING, REMOVABLE, 6 IN.

Supplemental Description1:

Supplemental Description2:

0090 1400715 0090 801-06625 EACH 145.000 4.000 C Amount:\$ 580.00

**Item Description:** DETOUR ROUTE MARKER ASSEMBLY

Supplemental Description1:

Supplemental Description2:

0091 1400715 0091 801-06640 EACH 275.000 -32.000 C Amount:\$ -8,800.00

**Item Description:** CONSTRUCTION SIGN, A

Supplemental Description1:

Supplemental Description2:

0092 1400715 0092 801-06645 EACH 125.000 4.000 C Amount:\$ 500.00

**Item Description:** CONSTRUCTION SIGN, B

Supplemental Description1:

Supplemental Description2:

Contract No:R -37647

INDIANA

Date:10/22/2024

Change Order No:011

Department of Transportation

Page: 9

0095	1400715	0095	801-07119	LFT	25.000	96.000	C	Amount:\$	2,400.00
<b>Item Description:</b> BARRICADE, III-B									
Supplemental Description1:									
Supplemental Description2:									
0096	1400715	0096	801-11990	EACH	5,134.950	-2.000	C	Amount:\$	-10,269.90
<b>Item Description:</b> TEMPORARY CURB RAMP									
Supplemental Description1:									
Supplemental Description2:									
0097	1400715	0097	801-12641	SYS	254.660	-28.000	C	Amount:\$	-7,130.48
<b>Item Description:</b> TEMPORARY ACCESSIBLE PEDESTRIAN PATH									
Supplemental Description1:									
Supplemental Description2:									
0098	1400715	0098	802-05701	LFT	27.000	-7.000	C	Amount:\$	-189.00
<b>Item Description:</b> SIGN POST, SQUARE, TYPE 1, REINFORCED ANCHOR BASE									
Supplemental Description1:									
Supplemental Description2:									
0100	1400715	0100	802-09840	SFT	28.000	-30.380	C	Amount:\$	-850.64
<b>Item Description:</b> SIGN, SHEET, WITH LEGEND, 0.100 IN.									
Supplemental Description1:									
Supplemental Description2:									
0101	1400715	0101	802-09842	SFT	32.000	19.500	C	Amount:\$	624.00
<b>Item Description:</b> SIGN, SHEET, WITH LEGEND, 0.125 IN.									
Supplemental Description1:									
Supplemental Description2:									
0107	1400715	0107	805-02645	EACH	1,520.000	1.000	C	Amount:\$	1,520.00
<b>Item Description:</b> SIGNAL POLE FOUNDATION, 24 IN. X 24 IN. X 36 IN.									
Supplemental Description1:									
Supplemental Description2:									
0108	1400715	0108	805-08214	LFT	24.000	-138.000	C	Amount:\$	-3,312.00
<b>Item Description:</b> CONDUIT, PVC, 2 IN. SCHEDULE 40									
Supplemental Description1:									
Supplemental Description2:									
0109	1400715	0109	805-11815	LFT	28.000	76.000	C	Amount:\$	2,128.00
<b>Item Description:</b> CONDUIT, HDPE, 2 IN. SCHEDULE 80									
Supplemental Description1:									
Supplemental Description2:									
0114	1400715	0114	805-78415	EACH	4,520.000	3.000	C	Amount:\$	13,560.00
<b>Item Description:</b> SPAN, CATENARY, AND TETHER									
Supplemental Description1:									
Supplemental Description2:									
0116	1400715	0116	805-78470	LFT	0.800	106.000	C	Amount:\$	84.80
<b>Item Description:</b> SIGNAL CABLE, ROADWAY LOOP, COPPER, 1C/14 GAUGE									
Supplemental Description1:									
Supplemental Description2:									
0117	1400715	0117	805-78485	LFT	3.220	-136.000	C	Amount:\$	-437.92

**Item Description:** SIGNAL CABLE, CONTROL, COPPER, 5C/14 GAUGE

Supplemental Description1:

Supplemental Description2:

0118	1400715	0118	805-78490	LFT	4.280	-369.000	C	Amount:\$	-1,579.32
------	---------	------	-----------	-----	-------	----------	---	-----------	-----------

**Item Description:** SIGNAL CABLE, CONTROL, COPPER, 7C/14 GAUGE

Supplemental Description1:

Supplemental Description2:

0119	1400715	0119	805-78495	LFT	6.000	71.000	C	Amount:\$	426.00
------	---------	------	-----------	-----	-------	--------	---	-----------	--------

**Item Description:** SIGNAL CABLE, CONTROL, COPPER, 9C/14 GAUGE

Supplemental Description1:

Supplemental Description2:

0120	1400715	0120	805-78510	LFT	4.000	392.000	C	Amount:\$	1,568.00
------	---------	------	-----------	-----	-------	---------	---	-----------	----------

**Item Description:** SIGNAL CABLE, DETECTOR LEAD-IN, COPPER, 2C/16 GAUGE

Supplemental Description1:

Supplemental Description2:

0122	1400715	0122	805-78795	LFT	12.000	16.000	C	Amount:\$	192.00
------	---------	------	-----------	-----	--------	--------	---	-----------	--------

**Item Description:** SAW CUT FOR ROADWAY LOOP DETECTOR AND SEALANT

Supplemental Description1:

Supplemental Description2:

0125	1400715	0125	805-90005	EACH	2,800.000	1.000	C	Amount:\$	2,800.00
------	---------	------	-----------	------	-----------	-------	---	-----------	----------

**Item Description:** SIGNAL POLE, PEDESTAL, 10 FT

Supplemental Description1:

Supplemental Description2:

0126	1400715	0126	808-12032	LFT	2.200	-472.000	C	Amount:\$	-1,038.40
------	---------	------	-----------	-----	-------	----------	---	-----------	-----------

**Item Description:** GROOVING FOR PAVEMENT MARKINGS

Supplemental Description1:

Supplemental Description2:

0127	1400715	0127	808-75043	LFT	1.000	-63.000	C	Amount:\$	-63.00
------	---------	------	-----------	-----	-------	---------	---	-----------	--------

**Item Description:** LINE, THERMOPLASTIC, SOLID, WHITE, 6 IN.

Supplemental Description1:

Supplemental Description2:

0128	1400715	0128	808-75247	LFT	1.000	-139.000	C	Amount:\$	-139.00
------	---------	------	-----------	-----	-------	----------	---	-----------	---------

**Item Description:** LINE, THERMOPLASTIC, SOLID, YELLOW, 6 IN.

Supplemental Description1:

Supplemental Description2:

0129	1400715	0129	808-75274	LFT	4.000	118.000	C	Amount:\$	472.00
------	---------	------	-----------	-----	-------	---------	---	-----------	--------

**Item Description:** TRANSVERSE MARKING, THERMOPLASTIC, CROSSHATCH LINE, YELLOW,

Supplemental Description1:

Supplemental Description2:

0130	1400715	0130	808-75278	LFT	7.000	-14.000	C	Amount:\$	-98.00
------	---------	------	-----------	-----	-------	---------	---	-----------	--------

**Item Description:** TRANSVERSE MARKING, THERMOPLASTIC, CROSSHATCH LINE, YELLOW,

Supplemental Description1:

Supplemental Description2:

0131	1400715	0131	808-75297	LFT	14.000	-21.000	C	Amount:\$	-294.00
------	---------	------	-----------	-----	--------	---------	---	-----------	---------

**Item Description:** TRANSVERSE MARKING, THERMOPLASTIC, STOP LINE, WHITE, 24 IN.



Contract No:R -37647  
Change Order No:011

INDIANA  
Department of Transportation

Date:10/22/2024  
Page: 11

Supplemental Description1:

Supplemental Description2:

0132 1400715 0132 808-75300 LFT 4.000 10.000 C Amount:\$ 40.00

**Item Description:** TRANSVERSE MARKING, THERMOPLASTIC, CROSSWALK LINE, WHITE, 6

Supplemental Description1:

Supplemental Description2:

0136 1400715 0136 202-02279 LFT 62.500 64.000 C Amount:\$ 4,000.00

**Item Description:** CURB AND GUTTER REMOVE

Supplemental Description1: Curb and Gutter Removal

Supplemental Description2:

0137 1400715 0137 605-06155 LFT 25.000 32.000 C Amount:\$ 800.00

**Item Description:** CURB AND GUTTER CONCRETE MODIFIED

Supplemental Description1: Curb and Gutter Rework

Supplemental Description2:

0138 1400715 0138 605-06120 LFT 156.960 30.000 C Amount:\$ 4,708.80

**Item Description:** CURB CONCRETE

Supplemental Description1: Curb, Concrete, Reinforced

Supplemental Description2:

0139 1400715 0139 211-09264 CYS 58.300 -411.550 C Amount:\$ -23,993.36

**Item Description:** STRUCTURE BACKFILL TYPE 1

Supplemental Description1: ,Water main backfill

Supplemental Description2:

0143 1400715 0143 611-06497 EACH 82.110 15.000 C Amount:\$ 1,231.65

**Item Description:** MAILBOX ASSEMBLY SINGLE

Supplemental Description1: , Temporary Mailbox

Supplemental Description2: Phase 1 and Phase 2

0144 1400715 0144 715-06651 LFT 82.250 69.000 C Amount:\$ 5,675.25

**Item Description:** WATER LINE 2 IN

Supplemental Description1: Water Main Poly

Supplemental Description2:

0145 1400715 0145 715-94780 LFT 98.090 227.500 C Amount:\$ 22,315.47

**Item Description:** WATER MAIN DUCTILE IRON 6 IN

Supplemental Description1: , Water main

Supplemental Description2:

0146 1400715 0146 715-05147 LFT 53.340 11.000 C Amount:\$ 586.74

**Item Description:** PIPE TYPE 2 CIRCULAR 8 IN

Supplemental Description1: Revised Water main grade STR 200 - STR 201

Supplemental Description2: C-900

0148 1400715 0148 715-05147 LFT 141.620 -6.000 C Amount:\$ -849.72

**Item Description:** PIPE TYPE 2 CIRCULAR 8 IN

Supplemental Description1: Extra pipe work

Supplemental Description2:

0149 1400715 0149 715-09455 LFT 173.940 -8.000 C Amount:\$ -1,391.52

**Item Description:** PIPE TYPE 2 CIRCULAR 16 IN

Supplemental Description1: C-900 Pipe for Stormwater

Supplemental Description2: STR. 17 - 19 , STR. 19 - 21

0151	1400715	0151	715-07794	EACH	468.000	3.000	C	Amount:\$	1,404.00
------	---------	------	-----------	------	---------	-------	---	-----------	----------

**Item Description:** WATER MAIN CONNECTIONS

Supplemental Description1: Watermain connections

Supplemental Description2:

0155	1400715	0155	604-92237	LFT	6.000	-11.000	C	Amount:\$	-66.00
------	---------	------	-----------	-----	-------	---------	---	-----------	--------

**Item Description:** HAND RAIL STEEL

Supplemental Description1:

Supplemental Description2: Epoxy Paint

0161	1400715	0160	202-52710	SYS	55.000	12.890	C	Amount:\$	708.95
------	---------	------	-----------	-----	--------	--------	---	-----------	--------

**Item Description:** SIDEWALK CONCRETE REMOVE

Supplemental Description1: Removal of New Walk

Supplemental Description2:

0164	1400715	0164	605-95635	LFT	122.400	13.000	C	Amount:\$	1,591.20
------	---------	------	-----------	-----	---------	--------	---	-----------	----------

**Item Description:** CURB CONCRETE INTEGRAL MODIFIED

Supplemental Description1:

Supplemental Description2: Wall at Fence

0168	1400715	0169	802-04993	LS	2,420.380	1.000	C	Amount:\$	2,420.38
------	---------	------	-----------	----	-----------	-------	---	-----------	----------

**Item Description:** SIGN

Supplemental Description1: Over Head Road signs

Supplemental Description2: Wilden Ave.

0169	1400715	0170	621-06574	SYS	25.509	255.330	C	Amount:\$	6,513.44
------	---------	------	-----------	-----	--------	---------	---	-----------	----------

**Item Description:** SODDING

Supplemental Description1: Additional, Phase 4

Supplemental Description2:

Total Value for Change Order 011 = \$ 327,916.98

Whereas, the Standard Specifications for this contract provides for such work to be performed, the following change is recommended.

General or Standard Change Order Explanation

A contract time adjustment is not required for this change.

General or Standard Change Order Explanation

PLN0002 Liquidated Damages are figured based on the days the road was still closed after the Intermediate Completion Date. -\$112,500.00  
 PLN0004 Quality Adjustment HMA is figured on the HMA Pay Wizard calculations. \$23, 163.20 PLN0022 Subgrade Treatment II is over due to adding alley approaches and extra drives for the project. \$55,394.58 PLN0023 Subgrade Treatment IV is over due to the area that was measured onsite this was miscalculated by the designer. \$25,306.11 PLN0025 Structure Backfill is over due to having to place backfill in the trench of the old watermain. This was not accounted for in the plans. \$35,375.92 PLN0026 Dense Graded Subbase overage due to added alley approaches and drives. \$17,607. 38 PLN0028 HMA Patching is over due to the area on Phase III. \$10,670. 80 PLN0030 QC/QA Surface overage for Phase I, II, IV area was figured smaller than the actual field area. \$17,325.90 PLN0032 QC/QA Intermediate under run due to the area that was paved for Phase III. -\$29, 785.20 PLN0039 Curb Ramp over due to added curb ramp area. Some ramps had to be made bigger to allow for correct percent. \$10,935.00 PLN0041 Steps were added to some address that were not called out for in the plans. \$14,423.33 PLN0044 Curb and Gutter quantities added due to areas that had not been called out to be done plus rework of areas. \$47,800. 00 PLN0045 HMA Approach quantities added due to approaches having to be milled and paved further back to get a clean joint. \$26,350.00 PLN0046 PCCP 6-inch quantities added for alley approaches and drives. \$45,420. 62 PLN0059 Water Service line quantities added for extra services for future lots. \$18,384.80 PLN0061 12-inch pipe quantities not used due to upsize of pipe. -\$22,375.65 PLN0068 Sanitary connections quantities added for future lots. \$116,790.44 PLN0071 Watermain quantities not used due to plan changes in Phase I. -\$17,512.33 PLN0074 Sanitary Drop quantity one was added in the design change. \$10,116.70 PLN0085 Modular Block Wall quantities added in the design change for added walls. \$13,157. 00 PLN0086 Modular Block Wall Erection quantities added in the design change. \$13,250.88 PLN0096 Temporary Curb Ramp item was not used in the job. -\$10,269.90 PLN0114 Span Catenary quantity added due to pole and missed in design. \$13,560.00 PLN0139 Structure Backfill Watermain estimated quantity was not fully needed for the work in phase3 I, II. -\$23, 993.37 PLN0145 Watermain 6-inch quantity added for extra work in Phase I. \$22,3158.48 It also creates items PLN 0169 and 0170 as additions to the contract, with the quantities being final. Overhead signage for the left turn movements on the signal span and catenary was added at the request of INDOT. The LS price includes the cost to remobilize to the jobsite, in addition to the cost of the actual signs. Item 0170 is for additional landscape work that was necessary to achieve the Notice of

Contract No:R -37647  
Change Order No:011

INDIANA  
Department of Transportation

Date:10/22/2024  
Page: 13

---

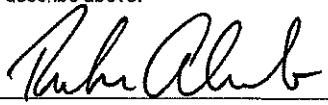
Termination (NOT). Specific areas of seeding did not grow, even after overseeding. The City requested that compost be tilled into the top 2-3" of existing topsoil in these defined areas, and then sod placed. Slussers provided a LS price to remobilize to the site, provide and till in compost, and install/maintain sod in accordance with INDOT specs. No additional time was requested or is warranted for this work. INDOT AE and PM, as well as ERC, concurrence was received for this change order.

**Change Order Explanation for Specific Line Item**

\*\*\*\*\*

It is the intent of the parties that this change order is full and complete compensation for the work describe above.  
Notification and consent to this change order is hereby acknowledged.

Contractor: Rieth-Riley Construction Co, Inc.

Signed By: 

Date: 10/22/24

\*\*\*\*\*

NOTE: Other required State and FHWA signatures will be obtained electronically through the SiteManager system.

\*\*\*\*\*  
APPROVED FOR LOCAL PUBLIC AGENCY

Andrew Lund  
(SIGNATURE)

PROJECT MANAGER (ERC)  
(TITLE)

11.12.24  
(DATE)

\_\_\_\_\_  
(SIGNATURE)

\_\_\_\_\_  
(TITLE)

\_\_\_\_\_  
(DATE)

\*\*\*\*\*  
SUBMITTED FOR CONSIDERATION

PE/S \_\_\_\_\_

\*\*\*\*\*  
APPROVED FOR INDIANA DEPARTMENT OF TRANSPORTATION

Approval Level	Name of Approver	Date	Status
----------------	------------------	------	--------