



BOARD OF PUBLIC WORKS & SAFETY & STORMWATER BOARD
MINUTES OF THE MARCH 27, 2025 REGULAR MEETING
Convened in the Goshen Police & Court Building, 111 East Jefferson St., Goshen, Indiana

Present: Deputy Mayor Mark Brinson, Mike Landis, Orv Myers, Mary Nichols and Barb Swartley

Absent: Mayor Gina Leichty

CALL TO ORDER: Deputy Brinson called the meeting to order at 4:00 p.m. Pursuant to Executive Order 2025-04, he said he was empowered to exercise all duties of Mayor, during the absence of Mayor Leichty from the City March 25-29, 2025, and would serve today as a Board of Public Works & Safety member (**EXHIBIT #1**).

REVIEW/APPROVE MINUTES: None were available.

REVIEW/APPROVE AGENDA: Deputy Mayor Brinson presented the agenda as prepared by the Clerk-Treasurer with the following changes: add agenda item #23, *Authorize Director of Public Works & Utilities Dustin Sailor to sign and submit the Drinking Water State Revolving Fund Loan Program application on the City's behalf*; remove Storm Water Board agenda item #23, *Accept the post-construction stormwater management plan for the Goshen Community Schools Baseball Softball Complex* and move agenda item #7, *Approve the resignation and retirement of EMS Captain Kit Castetter*, to #3 on the agenda. Board member Nichols made a motion to approve the agenda as amended. Board member Myers seconded the motion. The motion passed 5-0.

1) Police Department presentation: Life Saving Award for Captain Austin Everage

Police Patrol Division Chief Ryan Adams told the Board that the Goshen Police Department strives to recognize officers for their positive actions, with a focus on outstanding efforts in service to the community and their fellow officers. In that spirit, he said he wanted to bring to the attention of the Board and the community the "lifesaving actions" of **Captain Austin Everage** on Oct. 10, 2024.

Division Chief Adams said, "Officers were notified of a person suffering a possible Fentanyl overdose. **Captain Everage** arrived to find the person lying on the ground outside displaying signs of the overdose. In that moment, Narcan was used by **Captain Everage** with no immediate effect. The individual remained unconscious, and signs of life had disappeared.

"**Captain Everage** began CPR and continued until Goshen Paramedics arrived to take over. When **Captain Everage** spoke to the medics and doctor at the hospital, he learned the person had been without a pulse for a long time but was recovering from the incident. He learned later the person did in fact recover and was discharged from the hospital soon after."

Division Chief Adams and Police Chief José Miller then presented the Life Saving Award to **Captain Everage** "for actions which averted significant injury and/or saved the life of a person."

2) Police Department presentation: Life Saving Award for Lieutenant Mark Clere and Officer Kyle Priem

Police Patrol Division Chief Ryan Adams told the Board he wanted to bring to the attention of the Board and the community the "lifesaving actions" of **Lieutenant Mark Clere** and **Officer Kyle Priem** on Jan. 23, 2025.

"Officers were notified of a person suffering a mental health crisis after a large amount of blood was discovered at a local factory restroom. The person had left the premises and their whereabouts were unknown. **Officer Kyle Priem** was able to determine the potential presence of an ankle monitor on the person in crisis."

Division Chief Adams continued, "**Priem's** clear and quick action guided officers to locate the person in crisis quickly. The person was located in a place where they would not likely have been found during the crisis and when timing was essential to recovery."



Division Chief Adams said, "Lieutenant Clere was decisive in action to quickly assess and render immediate aid. In that assessment, Lieutenant Clere applied a lifesaving tourniquet to a very severe injury on the victim. Once applied, Lieutenant Clere continued checking for more injuries while also leading fellow officers.

"After this event, Lieutenant Clere was quick to recognize the efforts of his peers and yet left out mention of his own lifesaving actions. The extreme injury and loss of blood during this mental health crisis would not have been survivable for much longer without the quick locating and first aid given by these officers."

Division Chief Adams and **Police Chief José Miller** presented the Life Saving Award to Lieutenant Clere "for actions which averted significant injury and/or saved the life of a person." **Officer Priem** could not be present. On behalf of the Board and the City, **Deputy Mayor Brinson** thanked the officers for their actions.

3) Fire Department request: Approve the resignation and retirement of EMS Captain Kit Castetter, effective March 29, 2025

Fire Chief Anthony Powell asked the Board to approve the resignation and retirement of **EMS Captain Kit Castetter**, effective March 29, 2025.

Chief Powell said, "Captain Castetter has dedicated over three decades of service to the Goshen Fire Department, having been a committed and valued member since 1990. Throughout his career, Captain Castetter has demonstrated outstanding professionalism, leadership, and dedication to the department and the community. His contributions to emergency medical services and public safety have been invaluable, and his presence will be greatly missed. We respectfully ask the Board to approve this request and extend our deepest gratitude to Captain Castetter for his many years of exemplary service."

Nichols/Myers made a motion to approve the resignation and retirement of **EMS Captain Kit Castetter**, effective March 29, 2025. The motion passed 5-0.

4) Fire Department request: Approve the promotion of EMS Lieutenant Winston Lechlitner to the rank of EMS Captain, effective March 29, 2025

Fire Chief Anthony Powell asked the Board to approve the promotion of **EMS Lieutenant Winston Lechlitner** to the rank of **EMS Captain** within the Goshen Fire Department, effective March 29, 2025.

Chief Powell said, "Lieutenant Lechlitner has been a dedicated and highly skilled member of our department, demonstrating exceptional leadership, professionalism, and commitment to emergency medical services. His extensive knowledge, experience, and ability to mentor and lead others have made a significant impact on our EMS operations. His dedication to patient care, training, and operational efficiency makes him well-suited for this promotion."

Nichols/Myers made a motion approve the promotion of **EMS Lieutenant Winston Lechlitner** to the rank of **EMS Captain** within the Goshen Fire Department, effective March 29, 2025. The motion passed 5-0.

After approval, Deputy Mayor Brinson swore Winston Lechlitner into office as EMS Captain.

5) Fire Department request: Approve the promotion of Fire Sergeant Colton Cox to the rank of Fire Lieutenant, effective March 29, 2025

Fire Chief Anthony Powell asked the Board to approve the promotion of **Fire Sergeant Colton Cox** to the rank of **Fire Lieutenant** within the Goshen Fire Department, effective March 29, 2025.

Chief Powell said, "Sergeant Cox has been a dedicated member of the Goshen Fire Department for over seven years, consistently demonstrating outstanding leadership, professionalism, and commitment to public safety. Throughout his tenure, he has played a crucial role in our department's success, showing exceptional skills in emergency response, training, and mentorship. His work ethic and ability to perform under pressure make him a strong candidate for the role of Fire Lieutenant."



Nichols/Myers made a motion to approve the promotion of Fire Sergeant Colton Cox to the rank of Fire Lieutenant, effective March 29, 2025. The motion passed 5-0.

After approval, Deputy Mayor Brinson swore Colton Cox into office as Fire Lieutenant.

6) Fire Department request: Approve the promotion of James "Mike" White to the rank of EMS Lieutenant, effective March 29, 2025

Fire Chief Anthony Powell asked the Board to approve the promotion of James "Mike" White to the rank of EMS Lieutenant within the Goshen Fire Department, effective March 29, 2025.

Chief Powell said, "Mike White has been a dedicated and highly skilled member of our department, demonstrating outstanding professionalism, leadership, and commitment to emergency medical services. His expertise, strong work ethic, and ability to mentor and support his fellow team members have been invaluable to our department. His dedication to patient care, training and operational excellence makes him a strong candidate for this promotion."

Nichols/Myers made a motion to approve the promotion of James "Mike" White to the rank of EMS Lieutenant, effective March 29, 2025. The motion passed 5-0.

After approval, Deputy Mayor Brinson swore James "Mike" White into office as EMS Lieutenant.

7) Fire Department request: Approve the promotion of Firefighter Daniel Kurtz to the rank of Fire Sergeant, effective March 29, 2025

Fire Chief Anthony Powell asked the Board to approve the promotion of Firefighter Daniel Kurtz to the rank of Fire Sergeant within the Goshen Fire Department, effective March 29, 2025.

Chief Powell said, "Firefighter Kurtz has consistently demonstrated outstanding dedication, professionalism, and leadership potential throughout his service with our department. His strong work ethic, commitment to teamwork, and ability to perform under pressure make him an excellent candidate for this promotion. Additionally, his willingness to mentor and train fellow firefighters has greatly contributed to the overall effectiveness of our team."

Nichols/Myers made a motion to approve the promotion of Firefighter Daniel Kurtz to the rank of Fire Sergeant, effective March 29, 2025. The motion passed 5-0.

After approval, Deputy Mayor Brinson swore Daniel Kurtz into office as Fire Sergeant.

8) Police Department request: Accept the retirement of Officer Michael Johnson #88, along with his K-9 "Jetta," effective April 1, 2025

Police Chief José Miller asked the Board to accept the retirement of Officer Michael Johnson #88, along with his K-9 "Jetta," effective April 1, 2025. Their last day working will be Monday, March 31, 2025.

Chief Miller said "Officer Johnson started his full-time career at the Goshen Police Department on July 3, 1987, giving this community 37 years and 9 months of service. Prior to working at the Goshen Police Department, he worked for the Elkhart City Police Department. Officer Johnson served in the United States Marine Corps prior to working in law enforcement."

Chief Miller continued, "While at Goshen, Officer Johnson has worked in the Patrol Division and held supervisor rank. In addition to holding rank on the department, he has served as a School Resource Officer and as a K-9 handler. Officer Johnson has dedicated his life to public service. He will be retiring from the Goshen Police Department to continue his public service as a Court Security Officer with the Elkhart County Sheriff's Office."

Chief Miller concluded, "I would like to thank Officer Johnson for his many years of service and commitment to this department and our community. I wish him and Jetta the absolute best in their next chapter of life."

Nichols/Myers made a motion to accept the retirement of Officer Michael Johnson #88, along with his K-9 "Jetta," effective April 1st, 2025. The motion passed 5-0.



9) Police Department request: Accept the retirement of Officer Keith A. Miller #93, effective March 31, 2025
Police Chief José Miller asked the Board to accept the retirement of **Officer Keith A. Miller #93**, effective March 31, 2025. His last day working will be March 30, 2025.

Chief Miller said "While at Goshen, Officer Miller worked in numerous positions which included: evidence technician, department instructor certified through I.L.E.A., numerous supervisory ranks throughout the patrol division, and time as a Division Chief of Investigations. Officer Miller has dedicated his life to the profession of law enforcement. He has many years of experience that will truly be missed on the Goshen Police Department."

Chief Miller concluded, "I would like to personally thank Officer Miller for his many years of service and commitment to this department and our community. And I wish him the absolute best in his next chapter of life."

Nichols/Myers made a motion to accept the retirement of Officer Keith A. Miller #93, effective March 31, 2025. The motion passed 5-0.

10) Legal Department request: On behalf of the Board, approve the Transit Services Agreement with MACOG and authorize the Mayor Leichthy to sign it, which will require the City to contribute \$62,000 in 2025 as local matching funds for this transit program

City Attorney Bodie Stegelmann told that the Michiana Area Council of Governments (MACOG) is the recipient of grant funds which are used to provide the Interurban Trolley and Interurban Trolley ADA Paratransit Services.

This agreement with MACOG will require the City contribute \$62,000.00 in 2025 (same amount as previous years), as local matching funds to be used for this transit program administered by MACOG.

Nichols/Myers made a motion to approve the Transit Services Agreement with MACOG and authorize Mayor Leichthy to sign on behalf of the Board of Public Works and Safety. The motion passed 5-0.

11) Legal Department request: Approve and authorize the Mayor to execute the attached agreements with Elkhart County Health Department awarding the City \$125,000 for the Mobile Integrated Health (MIH) program
City Attorney Bodie Stegelmann told the Board that the Goshen Fire Department was selected to be a recipient for a \$125,000 grant from the Elkhart County Health Department to aid in starting the City's Mobile Integrated Health Program. The last step before release of these funds to the City is the execution of the Grant Funding Agreement and the Data Sharing Agreement.

Stegelmann recommended that the Board approve and authorize the Mayor to execute the attached agreements with Elkhart County Health Department awarding the City \$125,000 for the Mobile Integrated Health (MIH) program.

Nichols/Myers made a motion to approve and authorize the Mayor to execute the Grant Funding Agreement and the Data Sharing Agreement with the Elkhart County Health Department awarding the City \$125,000 for the Mobile Integrated Health (MIH) program. The motion passed 5-0.

12) Legal Department request: Accept the Easement at 200 Westwood Road from Goshen Hospital Association, Inc., and authorize the Mayor to execute the Acceptance

City Attorney Bodie Stegelmann recommended that the Board accept an easement from Goshen Hospital Association, Inc. He said this easement, which is part of the real estate at 200 Westwood Road, is for Goshen City utility purposes, and to accommodate a public sewer main located in the easement since 1964.

The easement area was depicted in Exhibit B of the easement document which was provided to the Board.

Nichols/Myers made a motion to accept the easement at 200 Westwood Road from Goshen Hospital Association, Inc., and authorize the Mayor to execute the acceptance. The motion passed 5-0.



13) Legal Department request: Award \$22,900 contract for the demolition of the unsafe building at 304 W. Oakridge Ave. and the sealing and restoration of the connection between the building and the garage at 306 W. Oakridge Ave. to B & E Excavating, LLC

Assistant City Attorney Don Shuler told the Board that the City solicited sealed proposals for the demolition and removal of the unsafe building at 304 West Oakridge Avenue, as well as sealing and restoring the connection between the unsafe building and the garage located on the adjacent property at 306 W. Oakridge Avenue.

Below is a summary of the proposals, received on March 6, 2025:

1. B & E Excavating, LLC	\$22,900.00
2. John Mast Construction, Inc.	\$23,500.00
3. Dana A. Bontrager Excavating & Trucking, Inc.	\$23,897.50
4. John Ward Concrete, Inc.	\$24,870.00

Nichols/Myers made a motion that the Board award the quote for this work to B&E Excavating, LLC as the lowest responsible and responsive quoter and that the Board approve and execute the agreement with B&E Excavating, LLC for the demolition of the unsafe building at 304 W. Oakridge Avenue and the sealing and restoration of the connection between the unsafe building and the garage located on the adjacent property at 306 W. Oakridge Avenue. The motion passed 5-0.

14) Legal Department request: Approve the terms and conditions, and ratify the Mayor's execution of the Legal Services Agreement with Baron & Budd, P.C., Cossich, Sumich, Parsiola & Taylor, LLC, Cohen & Malad LLP, and Scott Yonover, P.C. in connection with PFAS litigation

City Attorney Bodie Stegelmann recommended that the Board approve the terms and conditions, and ratify Mayor Leichty's execution of the attached Legal Services Agreement with Baron & Budd, P.C., Cossich, Sumich, Parsiola & Taylor, LLC, Cohen & Malad LLP, and Scott Yonover, P.C.

Stegelmann said the agreement is for legal services by multiple litigants in connection with class-action lawsuits involving PFAS, which are per- and polyfluoroalkyl substances known as "forever chemicals" because they don't break down easily and are linked to cancer and other health risks. That could include litigation on behalf of the City against the manufacturer(s) of firefighting foam products (known as "aqueous film forming foam" or "AFFF").

Deputy Mayor Brinson said he understood that there would be no out-of-pocket expenses to the City. **Stegelmann** said that was correct and that the law firms are handling the case on a contingency basis.

Nichols/Myers made a motion to approve the terms and conditions, and ratify Mayor Leichty's execution of the Legal Services Agreement with Baron & Budd, P.C., Cossich, Sumich, Parsiola & Taylor, LLC, Cohen & Malad LLP, and Scott Yonover, P.C. The motion passed 5-0.

15) Engineering Department request: Approve the closure of East Lincoln Avenue, from Rock Run Creek to just east of Olive Street, and Olive Street between Lincoln Avenue and Vinson Court, from April 7 until August 8, 2025

City Director of Public Works & Utilities **Dustin Sailor** said Niblock Excavating has requested permission to close East Lincoln Avenue from Rock Run Creek to just east of Olive Street, starting Monday, April 7 until Aug. 8, 2025. Olive Street will also be closed from Lincoln Avenue to Vinson Court.

Sailor said the roads will be closed for Niblock to install underground utilities and reconstruct the roadway as part of Phase I of the city's Lincoln Avenue and Steury Avenue Reconstruction project.

Traffic will be detoured via Steury Avenue, Middlebury Street, Main Street, and Lincoln Avenue. A map of the closure area and detour was provided to the Board. All appropriate traffic control devices will be utilized.

Sailor said Phase II of the project will start after Phase I and will involve closing Lincoln Avenue east of Phase I to east of Steury Avenue.



Sailor said Lincoln Avenue is expected to reopen sometime in November. A request for Phase II closures will be submitted closer to the Phase transition.

Nichols/Myers made a motion to approve the closure of East Lincoln Avenue, from Rock Run Creek to just east of Olive Street, and Olive Street between Lincoln Avenue and Vinson Court, from April 7 until August 8, 2025. The motion passed 5-0.

16) Engineering Department request: Approve the closure of Reynolds Street, from the railroad tracks to the west side of the intersection of 10th Street, April 1 to April 25, 2025

City Director of Public Works & Utilities Dustin Sailor said Niblock Excavating requested permission to close Reynolds Street, from the railroad tracks to the west side of the 10th Street intersection (the intersection will remain open), between Tuesday, April 1 and Friday, April 25, 2025.

Sailor said the closure will allow Niblock to perform the remaining asphalt pavement and concrete reconstruction work. All appropriate traffic control devices will be utilized.

Sailor said Niblock Excavating was requesting this road closure as part of the Tenth Street Reconstruction project and it was being coordinated with Goshen Community Schools and Gleason Industrial Products.

Nichols/Myers made a motion to approve the road closure of Reynolds Street, from the railroad tracks to the west side of the intersection of 10th Street between Tuesday, April 1 and Friday, April 25, 2025. The motion passed 5-0.

17) Engineering Department request: Approve the temporary removal of the "No Truck" designation on Blackport Drive, starting April 7, 2025 until no later than November 21, 2025

City Director of Public Works & Utilities Dustin Sailor said Niblock Excavating (the project contractor) has requested to close Lincoln Avenue, starting in April, in order to begin removing the existing roadway on this project. In order to ease the burden on local drivers and businesses, Sailor said the Engineering Department was requesting that the "No Truck" designation on Blackport Drive be temporarily removed while the project's traffic control measures are in place. This temporary lifting of the "No Truck" designation would take effect April 7, 2025, and would be rescinded upon removal of the contractor's traffic control measures, estimated no later than Nov. 21, 2025.

Nichols/Myers made a motion to approve the temporary removal of the "No Truck" designation on Blackport Drive, starting April 7, 2025 until no later than Nov. 21, 2025. The motion passed 5-0.

18) Engineering Department request: Approve Agreement Amendment No. 1 with DLZ Indiana LLC for Wilden Avenue Reconstruction project's consultant services in the amount of \$77,980, making the full agreement amount \$602,480

City Director of Public Works & Utilities Dustin Sailor told the Board that he was providing Amendment No. 1 to the Agreement with DLZ Indiana LLC for consulting services for the Wilden Avenue Reconstruction project for an additional \$77,980.00. He said this amendment is necessary and reasonable considering the project timeline extended well beyond the original schedule.

Deputy Mayor Brinson asked if this was the final payment for the project. Sailor responded, "I can't promise that. We're getting very close."

Nichols/Myers made a motion to approve Agreement Amendment No. 1 with DLZ Indiana LLC for Wilden Avenue Reconstruction project's consultant services in the amount of \$77,980.00, making the full agreement amount \$602,480.00. The motion passed 5-0.

19) Engineering Department request: Accept the bid by Davey Resource Group, Inc. for \$98,990 for the Wellington Ditch Logjam Removal project and approve the Mayor or their representative to sign the contract



City Director of Public Works & Utilities Dustin Sailor said earlier this spring the Goshen Engineering and Stormwater departments were notified by a resident about erosion occurring at the base of the slope on the west side of the Millrace Canal in the drainage ditch (Wellington Ditch) just north of West Waverly Avenue.

Sailor said it was determined the erosion is occurring during large rain events and the accumulation of woody debris or logjams is pushing the water into the Canal bank. He said continued erosion of the Canal bank is concerning and must be prevented.

Sailor said the Stormwater Department inspected the length of the Wellington Ditch and identified 13 areas where logjams have accumulated over the years covering areas in size of 20 feet to 257 feet (indicated on a map provided to the Board). The scope of work to remove the logjams exceeds the ability and time of City staff, thus, it was decided to hire a contractor to complete the work.

Sailor said the City solicited bids for the project from seven reputable contractors and held a pre-bid meeting on March 12 for contractors to learn more about the project, ask questions, and to view the 13 logjam sites. One bid was received on March 24 from the following bidder: Davey Resource Group, Inc., with a bid amount of \$98,990.

Sailor said the Stormwater Department has reviewed the bid and information supplied with it and has found Davey Resource Group, Inc. to be a responsive and responsible bidder. Based on the information supporting the bid, the department recommends Davey Resource Group, Inc. be awarded the contract for a contract amount of \$98,990.

Sailor said this project will result in the closure of the pedestrian path along the Millrace Canal for up to 45 days to safely allow the contractor to remove the logjams and to protect public safety. The Stormwater Department will return to the Board soon to request permission to close the pedestrian path once scheduling is arranged with the contractor. The closure of the path will be communicated to the public as widely as possible. No trees will be removed.

Nichols/Myers made a motion to accept the bid by Davey Resource Group, Inc. in the amount of \$98,990 for the Wellington Ditch Logjam Removal project and approve the Mayor or her representative to sign the contract. The motion passed 5-0.

20) Engineering Department request: Approve the road closure on Reliance Road, between the south entrance to the Courthouse and Peddlers Village Road intersection, for the roadway and storm construction work from April 1 thru July 15, 2025

City Director of Public Works & Utilities Dustin Sailor told the Board that Niblock Excavating requested the closure of Reliance Road, between the south entrance to the courthouse and Peddlers Village Road intersection. This closure was for phase two of this project and Niblock will be performing work to build the asphalt roadway, install the storm system and construct the roundabout.

Sailor said this work will start Tuesday, April 1, and go through Tuesday, July 15. Niblock will maintain access to residents, businesses, and the fire station and have all the traffic control devices in place.

Nichols/Myers made a motion to approve the road closure on Reliance Road between the south entrance to the courthouse and Peddlers Village Road intersection for the roadway and storm construction work from April 1 thru July 15, 2025. The motion passed 5-0.

21) Engineering Department request: Approve the Construction Standard Details for Streets and Utilities

City Director of Public Works & Utilities Dustin Sailor told the Board that per City Ordinance 3713 and Article 5.4.1.1 of the City's Codified Ordinance, the Board of Public Works and Safety is the governing body responsible for approving Goshen's Design and Construction Standards for Streets and Utilities.

Following several years of development, **Sailor** said the City Engineering Department was submitting for the Board's consideration a comprehensive new set of Construction Standard Details covering water, sanitary and storm sewer, roadway, and miscellaneous construction elements. In total, 124 standard details were being presented for review and approval.



Upon approval, **Sailor** said these standards will be made publicly available on the City's website for application to local projects. Moving forward, the standards will be revised and expanded as needed-subject to Board approval-to reflect evolving materials, methods and best practices in construction.

Key highlights of the updated standards include:

- A consistent indexing system for efficient reference;
- Uniform formatting and clearly defined construction expectations;
- Digital accessibility for ease of distribution and implementation.

During his presentation, **Sailor** presented to the Board a 37-page packet of documents with updated Construction Standard Details (**EXHIBIT #2**). In a March 27 memorandum that accompanied the packet, **Sailor** wrote that since submitting the construction standard details on March 25, the City Engineering team "continued conducting a thorough quality control review. As a result of the ongoing process, several minor revisions have been identified." He asked the Board to approve the updated construction details as part of the overall construction detail package.

On behalf of the City's contractors, **Deputy Mayor Brinson** thanked **Sailor** and noted that the revision project was a considerable team effort. **Board member Swartley** joked that all of the standards looked right to her.

Nichols/Myers made a motion to accept the amended Construction Standard Details for Streets and Utilities. The motion passed 5-0.

22) Engineering Department request: Approve and authorize the Board to execute the Agreement with Arco-Murray and Lag Realty LLC for the completion of the Hyundai dealership at 3202 Elkhart Road

On behalf of the Stormwater Department, **City Director of Public Works & Utilities Dustin Sailor** asked the Board to approve an Agreement for the Completion of Construction (Completion Agreement) for the new Goshen Hyundai dealership at 3202 Elkhart Road.

Sailor said the project passed its final building inspection and the project is substantially complete except for:

- Permanently stabilize 43,560 square feet of previously disturbed area.
- Remove sediment from the bottom of the basin, fill in the rills that have formed on the sides, permanently stabilize the bank areas that are disturbed in this process utilizing seed and mulch.

Sailor said the Stormwater Department was submitting an Agreement for the Completion of the Construction Project for approval and authorization for the Mayor and Board Members to execute.

Sailor said the property owner, Lag Realty LLC, and the builder, Arco-Murray, agree to complete all stabilization and basin work by June 15, 2025. The expected cost of this work is \$5,000 and a surety check in that amount has been remitted to the Clerk-Treasurer's Office.

Nichols/Myers made a motion to approve and authorize the Board to execute the Agreement with Arco-Murray and Lag Realty LLC for the completion of the Hyundai dealership at 3202 Elkhart Road. The motion passed 5-0.

23) Engineering Department request: Authorize Director of Public Works & Utilities Dustin Sailor to sign and submit the Drinking Water State Revolving Fund Loan Program application on the City's behalf

City Director of Public Works & Utilities Dustin Sailor told the Board that the Goshen Water Utility has worked with its consultant over the past year to prepare a Preliminary Engineering Report (PER) outlining proposed upgrades to the utility system. He said the PER will be submitted to the Indiana Finance Authority by the application deadline of April 1, 2025.

Sailor said the application would be submitted for funding consideration through the State's Drinking Water State Revolving Fund (SRF) Loan Program. **Sailor** asked the Board to authorize him to sign and submit the Drinking Water State Revolving Fund Loan Program application on the City's behalf.



Deputy Mayor Brinson asked if this loan would offer a better interest rate than issuing bonds. **Sailor** said that was correct. He said the State usually funds 10 to 12 loan requests, which are ranked and get lower interest rates. He added that even if the City isn't in the top group, it will still have access to the State's triple-A bond rating which is a better interest rate than the City could get on our own.

Nichols/Myers made a motion to authorize **Dustin Sailor** to sign and submit the Drinking Water State Revolving Fund Loan Program application on the City's behalf. The motion passed 5-0.

***NOTE:** This item was added to the agenda. It was conveyed through a one-page memorandum and a five-page application form for the Drinking Water State Revolving Fund Loan Program (**EXHIBIT #3**). The memorandum to the Board, dated March 27, 2025 and from Director of Public Works & Utilities **Dustin Sailor**, stated that the City wanted to apply for upgrades to the utility system by the April 1, 2025 application deadline. The Board was asked to authorize **Sailor** to sign and submit the application on behalf of the City.*

At 4:50 p.m., **Nichols/Myers** made a motion to recess the Board of Public Works & Safety meeting and convene the City Stormwater Board. Motion passed 5-0.

CITY OF GOSHEN STORMWATER BOARD

4:00 p.m., March 27, 2024

Members: Deputy Mayor Brinson, Mike Landis and Mary Nichols

24) Accept the post-construction stormwater management plan for the Goshen High School Alumni Plaza
City Director of Public Works & Utilities Dustin Sailor told the Board that the developer of the Goshen High School New Alumni Plaza project, located at 401 Lincolnway East, is the fourth amendment to an existing post-construction stormwater management plan for the Goshen High School Music Area Addition & Parking project accepted by the Board on Jan. 25, 2016. He said a sufficient post-construction plan amendment has been submitted and found to be compliant with Ordinance 5209, "Stormwater Management."

Sailor asked the Board to accept the amended post-construction stormwater management plan.

Nichols/Landis made a motion to accept the amended post-construction stormwater management plan for the Goshen High School New Alumni Plaza as it has been found to meet the requirements of City Ordinance 5209. The motion passed 3-0.

25) Accept the post-construction stormwater management plan for the Goshen Community Middle School Building Addition & Renovations

City Director of Public Works & Utilities Dustin Sailor told the Board that the developer of the Goshen Community Middle School Building Addition & Renovations project, located at 1216 South Indiana Ave., is the fourth amendment to an existing postconstruction stormwater management plan for the Goshen Middle School Natatorium Expansion project (JN:2014-2048) accepted by this Board on Jan. 25, 2016. He said a sufficient post-construction plan amendment has been submitted and found to be compliant with Ordinance 5209, "Stormwater Management."

Sailor requested the Stormwater Board's acceptance of the plan.

Nichols/Landis made a motion to accept the post-construction stormwater management plan for the Goshen Community Middle School Building Addition & Renovations as it has been found to meet the requirements of City Ordinance 5209. The motion passed 5-0.



At 4:53 p.m., Deputy Mayor Brinson closed the Stormwater Board meeting and reconvened the Board of Works meeting.

Privilege of the Floor (opportunity for public comment for matters not on the agenda):

Deputy Mayor Brinson opened Privilege of the Floor at 4:53 p.m.

Don Riegsecker of Goshen said when he came home from work the other night, he saw a water fountain at Bashor Road and County Road 17, but a City crew was already there making repairs. Riegsecker said he wanted to commend City staff "for getting out there and taking care of business."

City Engineering Project Manager Andrew Lund announced that the City Engineering Department has received notice that the Indiana Department of Transportation (INDOT) is planning to complete bridge construction and a bridge deck overlay on the 3rd Street/State Road 15 bridge between U.S. 33 and Mill Street in Goshen. In order to complete this work, Lund said that lane closures will be necessary on State Road 15, but one lane of traffic will be maintained in each direction. During the later phase, access will be closed from Middlebury Street onto State Road 15. Lund said work may begin as early as April 1 and is expected to continue until mid-November 2025. In response to a question from the Deputy Mayor, Lund confirmed that the work may continue through November 2025. He also clarified the areas affected by the work.

NOTE: Andrew Lund distributed to Board members a one-page memorandum he prepared, dated March 27, 2025, about the INDOT work and five pages of maps of the project (EXHIBIT #4).

Deputy Mayor Brinson closed the public comment period at 4:57 p.m.

APPROVAL OF CIVIL & UTILITY CLAIMS

Board member Nichols made a motion to approve Civil City and Utility claims and adjourn the meeting. Board member Myers seconded the motion. The motion passed 5-0.

ADJOURNMENT

Deputy Mayor Brinson adjourned the meeting at 4:58 p.m.

EXHIBIT #1: Executive Order 2025-04, which was signed by Goshen Mayor Leichty on March 19, 2025. It stated that Mayor Leichty would be absent from the City from March 25 to March 29, 2025, and in her absence, Deputy Mayor Mark Brinson was empowered to exercise all duties of the Mayor, including service as a member of the Board of Public Works & Safety.

EXHIBIT #2: A 37-page packet of documents with updated City Construction Standard Details. In a March 27, 2025 memorandum that accompanied the packet, City Director of Public Works & Utilities Dustin Sailor wrote that since submitting the construction standard details on March 25, 2025, the City Engineering team "continued conducting a thorough quality control review. As a result of the ongoing process, several minor revisions have been identified. We respectfully request that the Board consider and approve the updated construction details as part of the overall construction detail package."



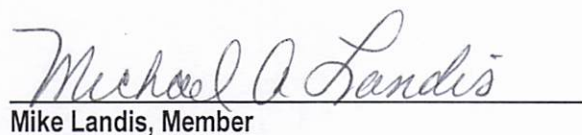
EXHIBIT #3: A one-page memorandum and a five-page application form for the Drinking Water State Revolving Fund Loan Program. The memorandum to the Board, dated March 27, 2025 and from Director of Public Works & Utilities Dustin Sailor, stated that the City wanted to apply for upgrades to the utility system by the April 1, 2025 application deadline. The Board was asked to authorize Sailor to sign and submit the application on behalf of the City. The documents were submitted for added agenda item #23, Engineering Department request: Authorize Director of Public Works & Utilities Dustin Sailor to sign and submit the Drinking Water State Revolving Fund Loan Program application on the City's behalf.

EXHIBIT #4: A one-page memorandum and five pages of maps prepared and distributed to the Board by City Engineering Project Manager Andrew Lund. The memorandum concerned a notification that the Indiana Department of Transportation (INDOT) is planning to complete bridge construction and a bridge deck overlay on the 3rd Street/State Road 15 bridge between U.S. 33 and Mill Street in Goshen. The work may begin as early as April 1 and is expected to continue until mid-November 2025 and will involve lane closures and road closure.

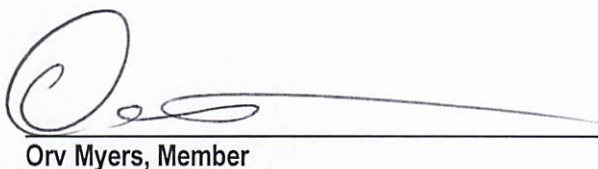
APPROVED:



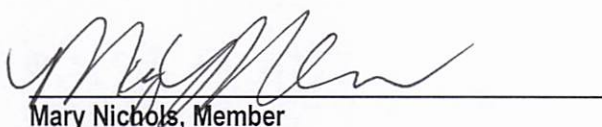
Mayor Gina Leichthy



Mike Landis, Member

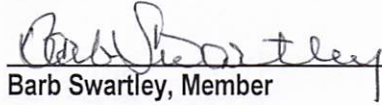


Orv Myers, Member



Mary Nichols, Member




Barb Swartley, Member

ATTEST:

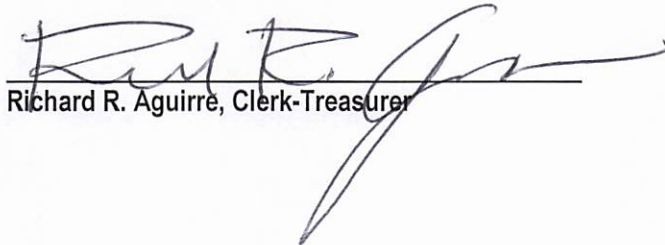

Richard R. Aguirre, Clerk-Treasurer

Exhibit #1

EXECUTIVE ORDER 2025-04

Designation of Deputy Mayor Mark Brinson
as Acting Executive March 25, 2025 – March 29, 2025

WHEREAS, the undersigned Mayor of the City of Goshen, Indiana will be absent from the City the week of time from March 25, 2025, through March 29, 2025;

WHEREAS, Indiana Code 36-4-5-8 provides that, whenever the executive of a city is absent, or going to be absent, from the city, ill, or injured, the executive may designate the deputy mayor as acting executive, with all the powers of the office;

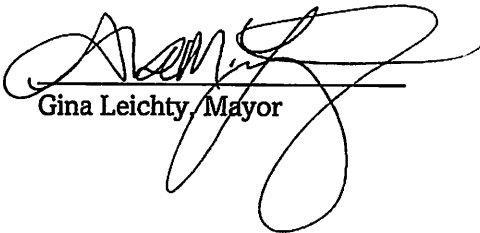
WHEREAS, the Common Council of the City of Goshen, Indiana established the position of Deputy Mayor when it adopted Ordinance 5093;

WHEREAS, Mark Brinson currently holds the position of Deputy Mayor of the City of Goshen, Indiana; and

WHEREAS, the city executive is a member of the City of Goshen Board of Public Works and Safety under I.C. 36-4-9-8(c).

NOW THEREFORE, I, Gina Leichty, Mayor of the City of Goshen, do hereby designate Mark Brinson, Deputy Mayor of the City of Goshen, Indiana, as acting executive during my absence from the City of Goshen from March 25, 2025, through March 29, 2025, with all the powers of the office, including those associated with being a member of the City of Goshen Board of Public Works and Safety.

Dated this 19 day of March, 2025.


Gina Leichty, Mayor



**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

Exhibit #2

MEMORANDUM

TO: Board of Works and Safety and Stormwater Board

FROM: Dustin Sailor, P.E., Director of Public Works & Utilities

RE: **GOSHEN ENGINEERING – CONSTRUCTION STANDARD DETAILS – PACKET AMENDMENT (JN: 2014-0025)**

DATE: March 27, 2025

Since submitting the construction standard details for inclusion in the Board of Works packet on Tuesday, March 25, the Goshen Engineering team has continued conducting a thorough quality control review. As a result of this ongoing process, several minor revisions have been identified.

We respectfully request that the Board consider and approve the updated construction details as part of the overall construction detail package.

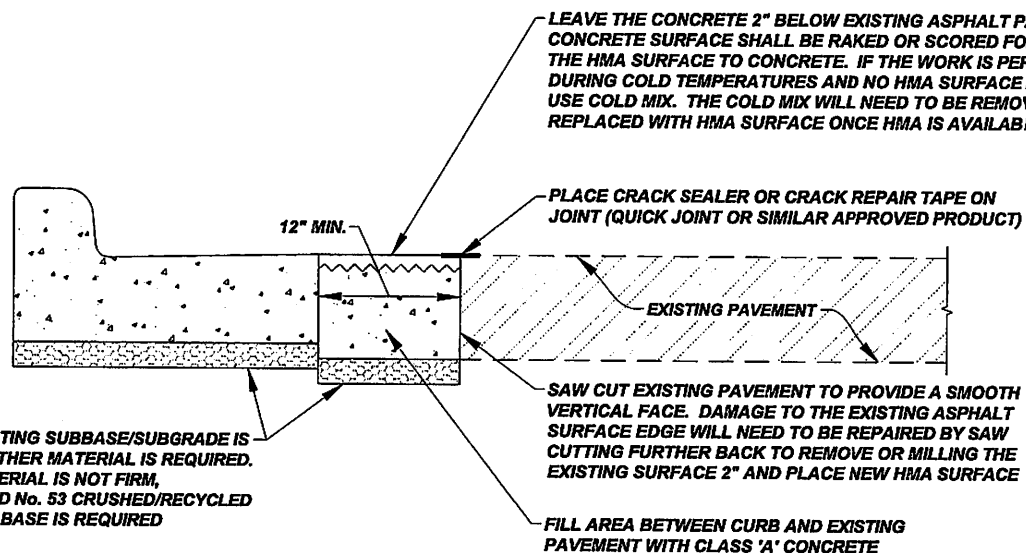
Detail Number	Detail Description
RD-101	CONCRETE CURB REPAIR/REPLACEMENT
RD-102	MONOLITHIC SIDEWALK WITH CURB
RD-103	SIDEWALK ADJACENT TO CONCRETE CURB
RD-104	TEMPORARY RESIDENTIAL CUL-DE-SAC
RD-201	LARGE ASPHALT PAVEMENT PATCH
RD-202	SMALL ASPHALT PAVEMENT PATCH
RD-203	UTILITY POTHOLE ASPHALT PAVEMENT PATCH
RD-302	RESIDENTIAL DRIVE DIAGRAM
RD-303	COMMERCIAL/INDUSTRIAL CUL-DE-SAC LAYOUT
RD-304	COMMERCIAL/INDUSTRIAL CUL-DE-SAC WITH QUINT
RD-305	COMMERCIAL/INDUSTRIAL CUL-DE-SAC WITH LADDER 1
RD-306	RESIDENTIAL CUL-DE-SAC LAYOUT
RD-307	RESIDENTIAL CUL-DE-SAC WITH QUINT
RD-308	RESIDENTIAL CUL-DE-SAC WITH LADDER 1
RD-401	COMMERCIAL/INDUSTRIAL DRIVEWAY LAYOUT
RD-402	RESIDENTIAL DRIVEWAY LAYOUT
RD-404	RESIDENTIAL DRIVEWAY APPROACH
RD-405	SIDEWALK WITH TREE LAWN
RD-406	SIDEWALK ADJACENT TO CONCRETE CURB
SW-201	SEWER MANHOLE (TYPE A) – CONE W/ MANHOLE CASTING
SW-202	SEWER MANHOLE (TYPE B) – ELEVATED PIPE INVERT
SW-203	SEWER INTERIOR DROP MANHOLE (TYPE C) – CONE W/MANHOLE CASTING

March 27, 2025

BOW Memo

Page 2

SW-204	SEWER EXTERIOR DROP MANHOLE (TYPE D) – CONE W/CASTING
SW-205	SEWER DOGHOUSE MANHOLE (TYPE E) – CONE W/MANHOLE CASTING
SW-206	SANITARY INSPECTION MANHOLE (TYPE F)
SW-207	SCHIER SV 10 SEWER VIEWER SAMPLING PORT (TYPE G)
SW-208	SEWER MANHOLE (TYPE H) - FLAT TOP W/CURB CASTING
SW-209	SEWER MANHOLE (TYPE I) - FLAT TOP W/MANHOLE CASTING
SW-210	STEPPED SEWER MANHOLE (TYPE J) – CONE W/MANHOLE CASTING
SW-211	SEWER CATCH BASIN (TYPE K) - FLAT TOP W/CURB CASTING
SW-212	SEWER CATCH BASIN (TYPE L) – FLAT TOP W/FLAT CASTING
SW-213	SEWER CATCH BASIN (TYPE M) – FLAT TOP W/MANHOLE CASTING
SW-214	SEWER INLET (TYPE N) - CURB CASTING
SW-215	SEWER INLET (TYPE O) – FLAT CASTING
SW-216	SEWER CATCH BASIN (TYPE P) – COMBINED SEWER 90° ELBOW
SW-217	UTILITY CONFLICT STRUCTURE (TYPE Q)

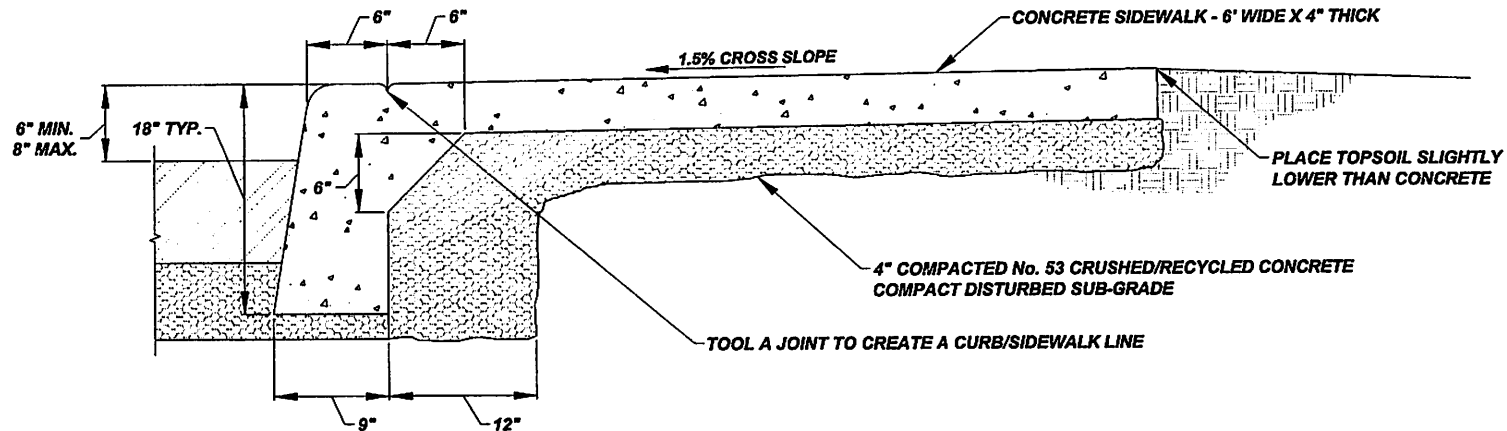


CONCRETE CURB REPAIR/REPLACEMENT

Drafted By: J. Hoffman	Approved By: D. Saffor, P.E.
Drawing Number: RD-101	

NOTES:

1. CLASS 'A' CONCRETE, 4,000 PSI
2. EXPANSION JOINT LOCATIONS:
STRAIGHT CURB AND SECTION - EVERY 40'
ROADWAY CURVE - BEGINNING POINT, MID POINT, END POINT AND EVERY 40' ALONG CURVE
INTERSECTION RADIUS - BEGINNING POINT, MID POINT, END POINT WITHOUT ADA RAMP OR SIDEWALK. EACH SIDE OF RAMP
CURB CASTING - 4' FROM EACH SIDE OF THE CASTING
SIDEWALK - EVERY 42'
EXPANSION MATERIAL MUST BE FULL DEPTH AND WIDTH OF CURB SECTION OR WILL REQUIRE REPLACED
3. CONTRACTION JOINT LOCATIONS:
REQUIRED EVERY 10' (CURB) AND 6' (SIDEWALK) AT 1/3 THE DEPTH, D/3, ALONG STRAIGHT CURB SECTIONS, ROADWAY CURVES AND INTERSECTION RADIUS. SAW CUT CONTRACTION JOINTS WITHIN 24 HOURS OF PLACEMENT. NO TOOLING OF CONTRACTION JOINTS IS ALLOWED
4. REMOVE ALL EXCESS MATERIAL ALONG THE FACE OF THE CURB PRIOR TO MATERIAL SETTING TO ALLOW A CLEAN VERTICAL FACE TO PAVE OR POUR AGAINST. REMOVE EXCESS MATERIAL ALONG BACKSIDE OF CURB, AT DRIVE APPROACHES AND SIDEWALKS, TO ALLOW A CLEAN VERTICAL FACE FOR EXPANSION MATERIAL BETWEEN CONCRETE POURS
5. THE SUB-BASE/SUB-GRADE CAN NOT BE FROZEN OR WET WHEN THE CONCRETE IS PLACED. IF THE TEMPERATURES WILL CAUSE FROST IN THE GROUND, BLANKETS NEED TO BE PLACED OVER THE SUB-BASE/SUB-GRADE TO PREVENT FREEZING PRIOR TO PLACING THE CONCRETE
6. BROOM FINISH THE CONCRETE
APPLY WHITE PIGMENT SEALER
APPLY A DOUBLE COAT OF SEALER FROM SEPT. 1 THROUGH MARCH 31 TO PROTECT AGAINST WINTER SALT
7. RESTORE YARD AREAS WITH 4" OF CLEAN TOPSOIL, INDOT TYPE 'U' WITHOUT CLOVER, COVER WITH EROSION CONTROL BLANKET. THE CONTRACTOR IS RESPONSIBLE TO ACHIEVE 70% EVEN COVERAGE



MONOLITHIC SIDEWALK WITH CURB

NOT TO SCALE

The City Of Goshen
Department of Public Works & Safety
Office of Engineering

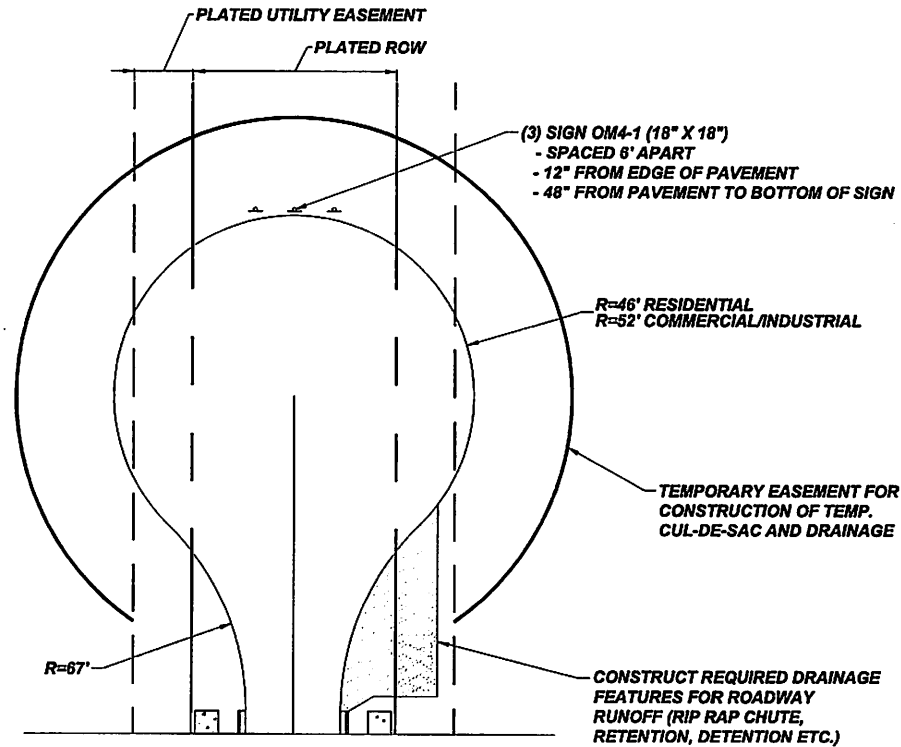
204 East Jefferson, Suite 1 Street, Goshen, Indiana 46528
Phone: 574-534-2201 Fax: 574-533-8626
Web: goshenindiana.org

Date Approved By The City Of Goshen Board Of Public Works & Safety and Approved Revisions

CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman
Approved By: D. Saffor, P.E.
Drawing Number: **RD-102**

Drafted By: J. Hoffman	Approved By: D. Sallor, P.E.
Drawing Number: RD-103	



NOTES:

- TEMPORARY CUL-DE-SAC SECTION:**
1.5" HMA SURFACE OVER
3.0 HMA BASE OVER
4.0" No. 53 RECYCLED/CRUSHED CONCRETE
- ALL ROADWAY RUNOFF REACHING THE TEMPORARY CUL-DE-SAC MUST BE ACCOUNTED FOR WITH PROPER DRAINAGE FEATURES CONSTRUCTED TO CONTAIN THE RUNOFF. NO IMPACT TO SURROUNDING PROPERTIES WILL BE ALLOWED**
- PLACE SIGN OM4-1 AT THE END OF THE TEMPORARY CUL-DE-SAC AS SHOWN IN THE DETAIL**
- THE DEVELOPER WILL BE REQUIRED TO MAINTAIN ALL ITEMS WITHIN THE TEMPORARY CUL-DE-SAC, INCLUDING PAVEMENT, DRAINAGE, VEGETATION, SIGNS AND SNOW REMOVAL**

TEMPORARY RESIDENTIAL CUL-DE-SAC

NOT TO SCALE

The City Of Goshen
Department of Public Works & Safety
Office of Engineering

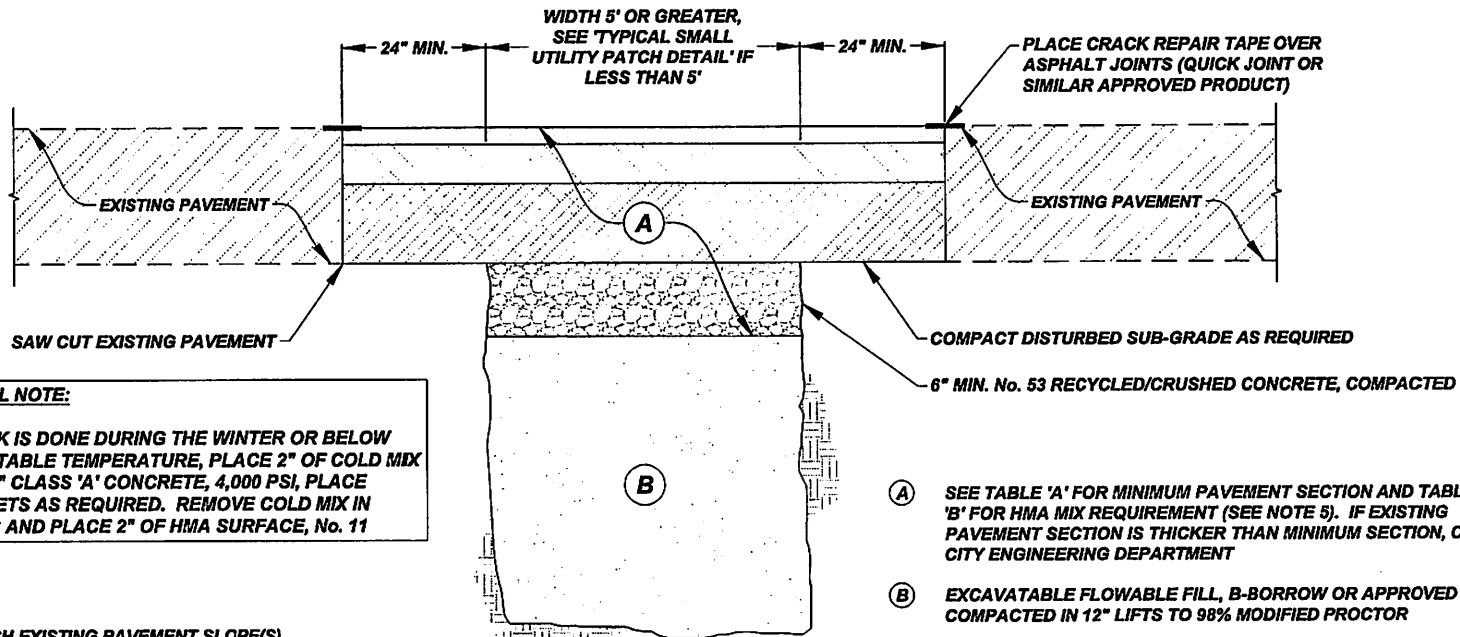
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03/27/2025

CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman
Approved By: D. Sailor, P.E.
Drawing Number: **RD-104**



SPECIAL NOTE:

IF WORK IS DONE DURING THE WINTER OR BELOW ACCEPTABLE TEMPERATURE, PLACE 2" OF COLD MIX OVER 6" CLASS 'A' CONCRETE, 4,000 PSI, PLACE BLANKETS AS REQUIRED. REMOVE COLD MIX IN SPRING AND PLACE 2" OF HMA SURFACE, No. 11

NOTES:

1. MATCH EXISTING PAVEMENT SLOPE(S)
2. SAW CUT EXISTING PAVEMENT PRIOR TO REMOVAL TO PROVIDE A CLEAN VERTICAL FACE. SAW CUT EDGE(S) AGAIN IF DAMAGED PRIOR TO PLACING PATCH. IF THE HMA SURFACE HAS BEEN DAMAGED BEYOND THE SAW CUT(S) AND/OR MATERIAL HAS BEEN LOST UNDER THE EXISTING PAVEMENT, INCREASE THE PATCH DIMENSIONS TO INCLUDE THESE AREAS
3. TRENCH SPOILS TO BE REMOVED FROM SITE IF UNSUITABLE FOR BACKFILL. A CITY REPRESENTATIVE SHALL DETERMINE IF SPOILS ARE SUITABLE FOR BACKFILL
4. PATCH MAY BE MODIFIED TO CONTAIN ONLY HMA BASE AND HMA SURFACE. REMOVAL OF THE HMA BINDER LAYER MAY BE ELIMINATED WITH APPROVAL FROM THE CITY ENGINEERING DEPARTMENT. HMA BASE LIFTS MAY NOT EXCEED 4"
5. COMPACT THE HMA BASE, HMA BINDER AND HMA SURFACE WITH A DOUBLE DRUM ROLLER UNLESS AN ALTERNATIVE METHOD HAS BEEN APPROVED BY THE ENGINEERING DEPARTMENT
6. RESTORE DAMAGED OR REMOVED PAVEMENT MARKINGS WITH LIKE MATERIAL. A CITY REPRESENTATIVE SHALL APPROVE MATERIAL AND METHOD OF INSTALLATION
7. STREET RESTRICTIONS OR CLOSURES FOR COLLECTOR OR ARTERIAL ROADWAY MUST BE APPROVED BY THE CITY BOARD OF WORKS. CONTACT THE CITY ENGINEERING DEPARTMENT AT (574) 534-2201 FOR THE SUBMITTAL REQUIREMENTS AND DATES FOR THE BOARD OF WORKS MEETING
8. WORK WITHIN THE CITY RIGHT OF WAY REQUIRES A PERMIT ISSUED BY THE CITY ENGINEERING DEPARTMENT. ACCESS THE CITY'S PERMIT PORTAL AT GOSHENINDIANA.ORG
9. A CITY REPRESENTATIVE MUST INSPECT THE BACKFILL PROCESS AND PLACEMENT OF THE PATCH CALL THE CITY ENGINEERING DEPARTMENT TO SCHEDULE THE INSPECTIONS AT (574) 534-2201, 48 HOUR NOTICE REQUIRED
10. IF A CITY UTILITY WAS REPAIRED AS PART OF THE WORK, A CITY REPRESENTATIVE MUST INSPECT THE REPAIR PRIOR TO BACKFILLING. IF AN INSPECTION WAS NOT PERFORMED, THE CONTRACTOR WILL BE REQUIRED TO EXPOSE THE REPAIR FOR INSPECTION

LARGE ASPHALT PAVEMENT PATCH

NOT TO SCALE

The City Of Goshen
Department of Public Works & Safety
Office of Engineering

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03/27/2025

CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman
Approved By: D. Sailor, P.E.
Drawing Number: **RD-201**

TABLE 'A' - MINIMUM ACCEPTABLE PAVEMENT SECTION						
STREET CLASS		COMPACTED SUB-BASE (No. 53)	HOT MIX ASPHALT (HMA)			CONCRETE (PCC)
			BASE (No. 5)	BINDER (No. 8)	SURFAC E (No. 11)	
FLEXIBLE	MINOR ARTERIAL	6"	6"	2.5"	1.5"	-
	COLLECTOR & INDUSTRIAL	6"	4"	2.5"	1.5"	-
	LOCAL	6"	3"	2.5"	1.5"	-
RIGID	MINOR ARTERIAL	6"	-	-	-	9"
	COLLECTOR & INDUSTRIAL	6"	-	-	-	9"
	LOCAL	6"	-	-	-	6"

TABLE 'B' - AGGREGATE GRADATION FOR HMA MIXES			
SIEVE SIZE	BASE MIXTURES No. 5	BINDER MIXTURES No. 8	SURFACE MIXTURES No. 11
1.5 in (37.5 mm)	100		
1 in (25.0 mm)	90 - 99	100	
3/4 in (19.0 mm)	<90	90 - 99	
1/2 in (12.5 mm)		<90	100
3/8 in (9.5 mm)			90 - 99
No. 4			<90
No. 8	23 (±6)	29 (±6)	57 (±6)
No. 16			
No. 30			
No. 50			
No. 100			
No. 200	1 - 7	2 - 8	2 - 6
PERCENT OF BITUMINOUS	4.5 (±0.5)	4.8 (±0.5)	6.1 (±0.5)
PERCENT OF MOISTURE, MAX	0.3	0.3	0.3

The City Of Goshen
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CITY OF GOSHEN, INDIANA
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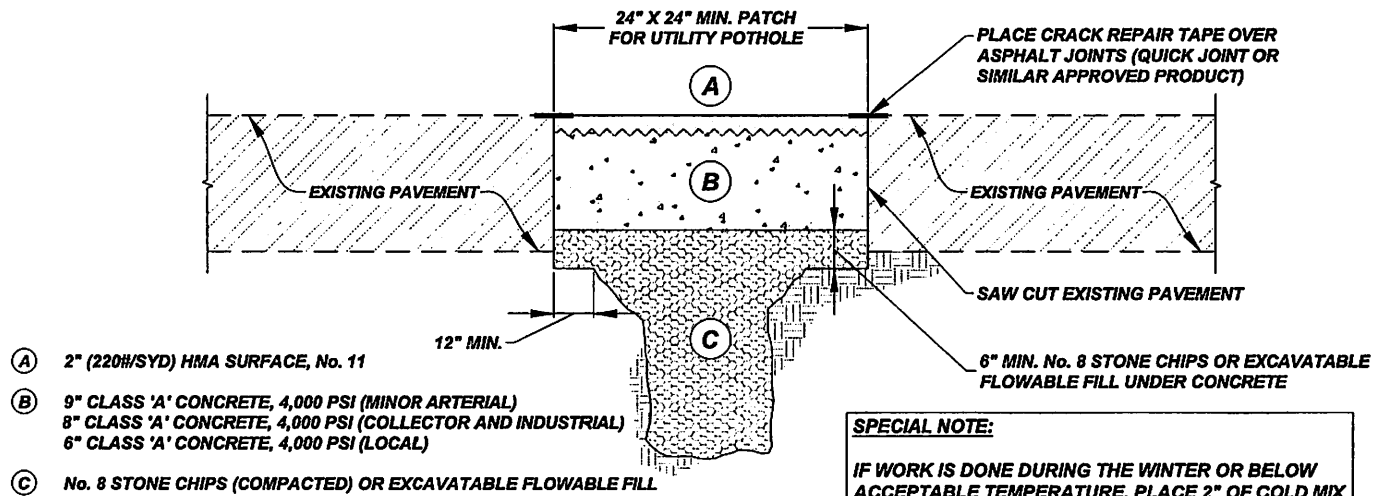
Drafted By: J. Hoffman
 Approved By: D. Sallor, P.E.
 Drawing Number: **RD-201**



- SMALL ASPHALT PAVEMENT PATCH**
NOT TO SCALE

NOT TO SCALE

Drafted By: J. Hoffman	Approved By: D. Sallor, P.E.
Drawing Number: RD-202	



SPECIAL NOTE:

IF WORK IS DONE DURING THE WINTER OR BELOW ACCEPTABLE TEMPERATURE, PLACE 2" OF COLD MIX OVER CONCRETE, PLACE BLANKETS AS REQUIRED. REMOVE COLD MIX IN SPRING AND PLACE 2" OF HMA SURFACE, No. 11

NOTES:

1. MATCH EXISTING PAVEMENT SLOPE(S)
2. SAW CUT EXISTING PAVEMENT PRIOR TO REMOVAL TO PROVIDE A CLEAN VERTICAL FACE. SAW CUT EDGE(S) AGAIN IF DAMAGED PRIOR TO PLACING PATCH. IF THE HMA SURFACE HAS BEEN DAMAGED BEYOND THE SAW CUT(S) AND/OR MATERIAL HAS BEEN LOST UNDER THE EXISTING PAVEMENT, INCREASE THE PATCH DIMENSIONS TO INCLUDE THESE AREAS
3. TRENCH SPOILS TO BE REMOVED FROM SITE IF UNSUITABLE FOR BACKFILL. A CITY REPRESENTATIVE SHALL DETERMINE IF SPOILS ARE SUITABLE FOR BACKFILL
4. PATCH MAY BE MODIFIED TO CONTAIN ONLY HMA BASE AND HMA SURFACE. REMOVAL OF THE HMA BINDER LAYER MAY BE ELIMINATED WITH APPROVAL FROM THE CITY ENGINEERING DEPARTMENT. HMA BASE LIFTS MAY NOT EXCEED 4"
5. HMA SURFACE WITH A DOUBLE DRUM ROLLER UNLESS AN ALTERNATIVE METHOD HAS BEEN APPROVED BY THE ENGINEERING DEPARTMENT
6. RESTORE DAMAGED OR REMOVED PAVEMENT MARKINGS WITH LIKE MATERIAL. A CITY REPRESENTATIVE SHALL APPROVE MATERIAL AND METHOD OF INSTALLATION
7. STREET RESTRICTIONS OR CLOSURES FOR COLLECTOR OR ARTERIAL ROADWAY MUST BE APPROVED BY THE CITY BOARD OF WORKS. CONTACT THE CITY ENGINEERING DEPARTMENT AT (574) 534-2201 FOR THE SUBMITTAL REQUIREMENTS AND DATES FOR THE BOARD OF WORKS MEETING
8. WORK WITHIN THE CITY RIGHT OF WAY REQUIRES A PERMIT ISSUED BY THE CITY ENGINEERING DEPARTMENT. ACCESS THE CITY'S PERMIT PORTAL AT GOSHENINDIANA.ORG
9. A CITY REPRESENTATIVE MUST INSPECT THE BACKFILL PROCESS AND PLACEMENT OF THE PATCH. CALL THE CITY ENGINEERING DEPARTMENT TO SCHEDULE THE INSPECTIONS AT (574) 534-2201, 48 HOUR NOTICE REQUIRED
10. IF A CITY UTILITY WAS REPAIRED AS PART OF THE WORK, A CITY REPRESENTATIVE MUST INSPECT THE REPAIR PRIOR TO BACKFILLING. IF AN INSPECTION WAS NOT PERFORMED, THE CONTRACTOR WILL BE REQUIRED TO EXPOSE THE REPAIR FOR INSPECTION

UTILITY POTHOLE ASPHALT PAVEMENT PATCH
NOT TO SCALE

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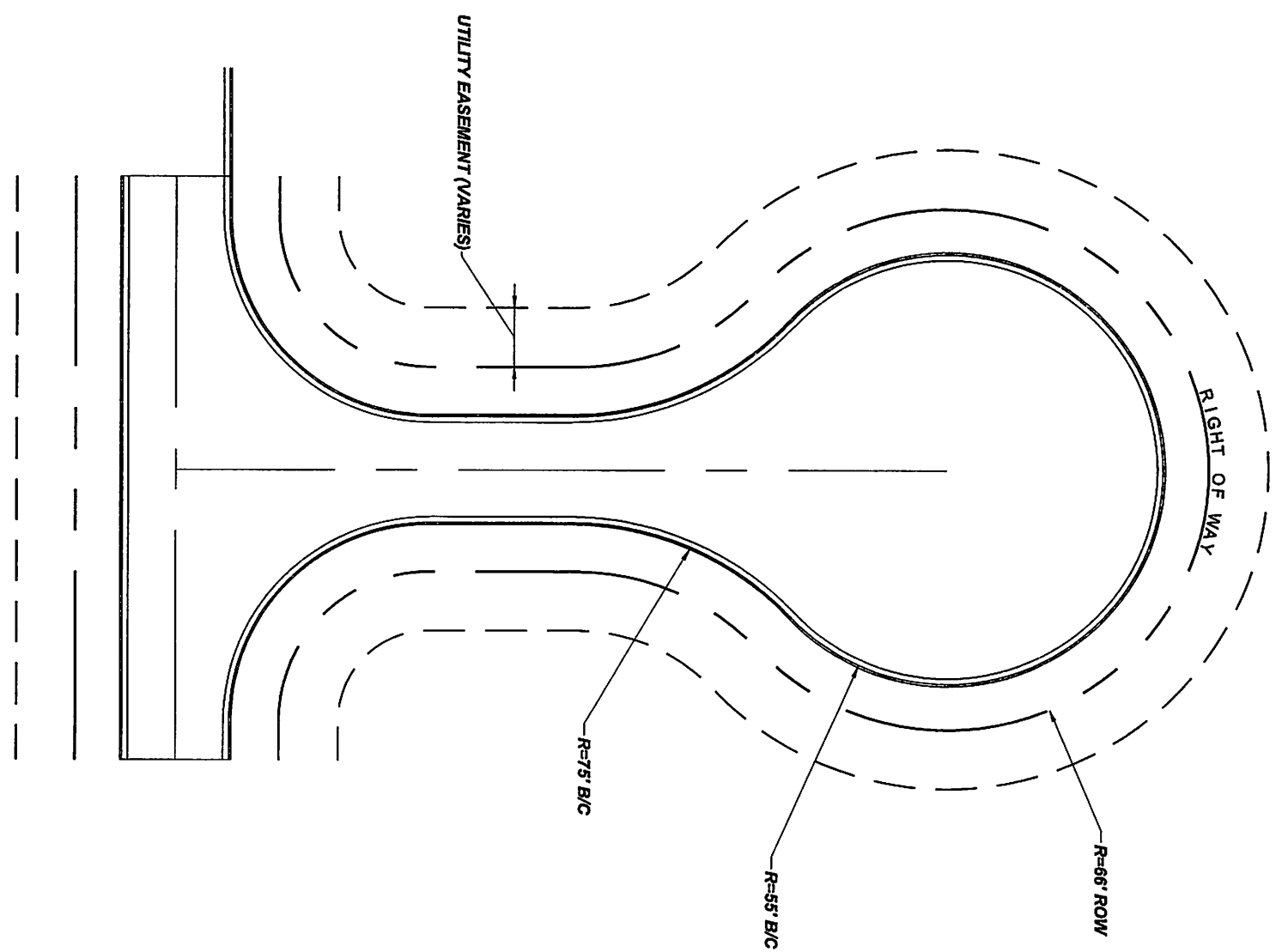
Date Approved By The City Of Goshen Board Of Public Works & Safety and Approved Revisions

03/27/2025

CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman
Approved By: D. Sellar, P.E.
Drawing Number: RD-203

COMMERCIAL/INDUSTRIAL CUL-DE-SAC LAYOUT
 NOT TO SCALE



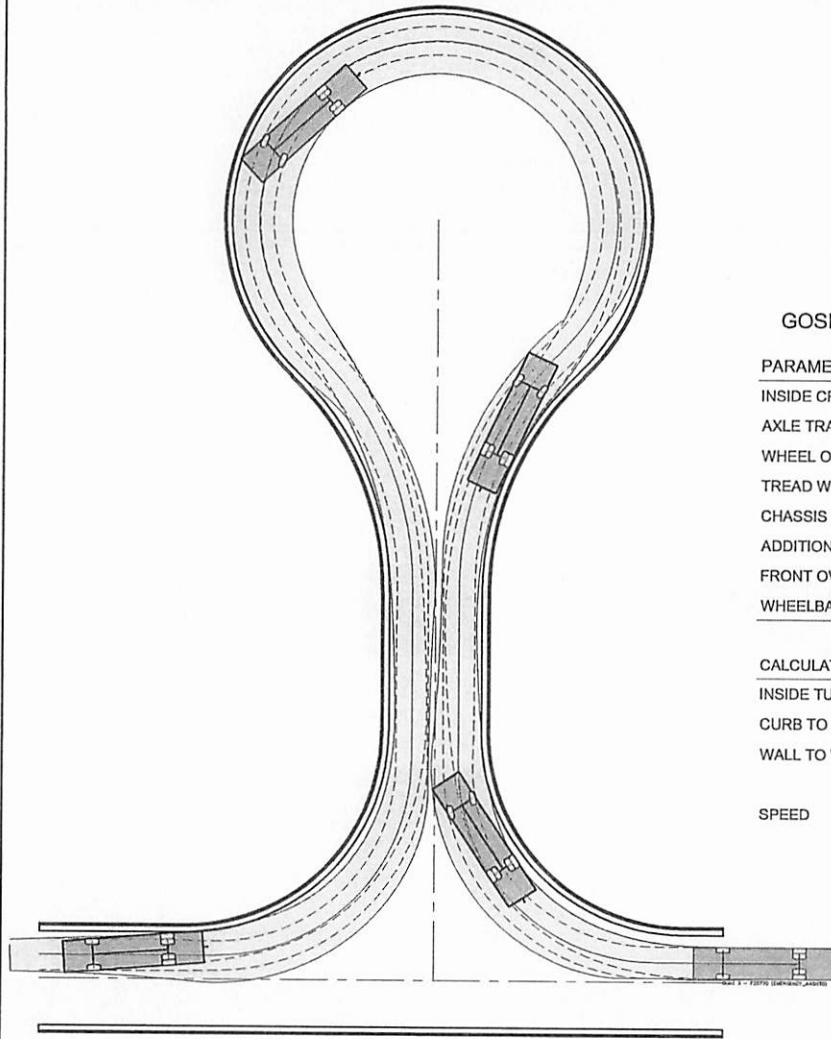
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CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman	Approved By: D. Sallor, P.E.
Drawing Number: RD-303	



GOSHEN FIRE DEPARTMENT - QUINT 3

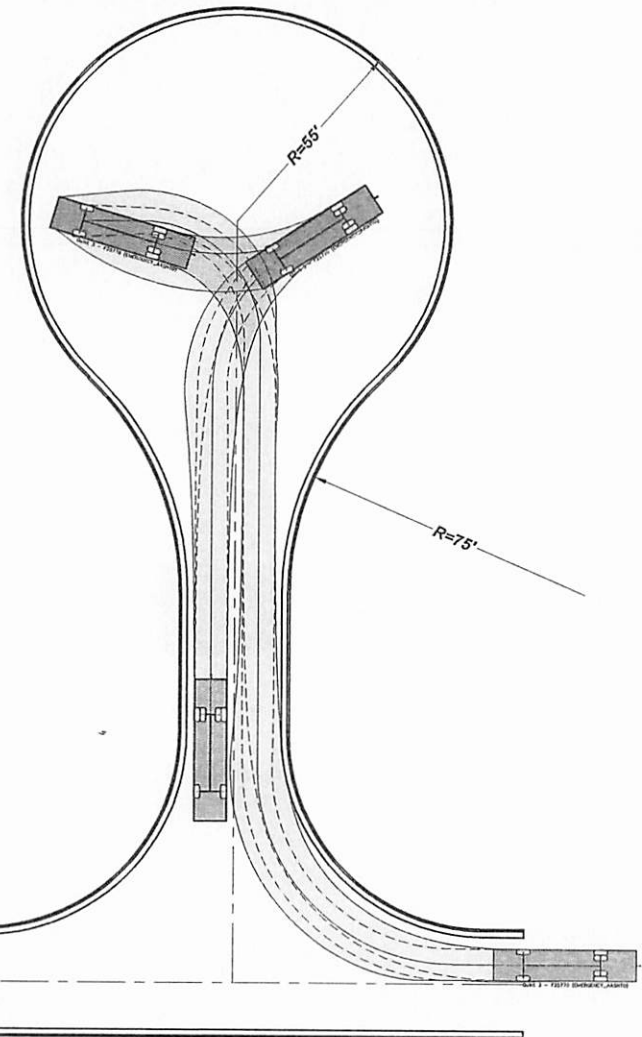
PARAMETERS

INSIDE CRAMP ANGLE:	45.00	DEGREE
AXLE TRACK:	82.92	IN.
WHEEL OFFSET:	4.68	IN.
TREAD WIDTH:	16.60	IN.
CHASSIS OVERHANG:	78.00	IN.
ADDITIONAL BUMPER DEPTH:	13.00	IN.
FRONT OVERHANG:	91.00	IN.
WHEELBASE:	234	IN.

CALCULATED TURNING RADII

INSIDE TURN:	18 FT. 5 IN.
CURB TO CURB	33 FT. 11 IN.
WALL TO WALL:	38 FT. 7 IN.

SPEED	10 MPH
-------	--------



COMMERCIAL/INDUSTRIAL CUL-DE-SAC WITH QUINT

NOT TO SCALE

The City Of Goshen

Department of Public Works & Safety
Office of Engineering

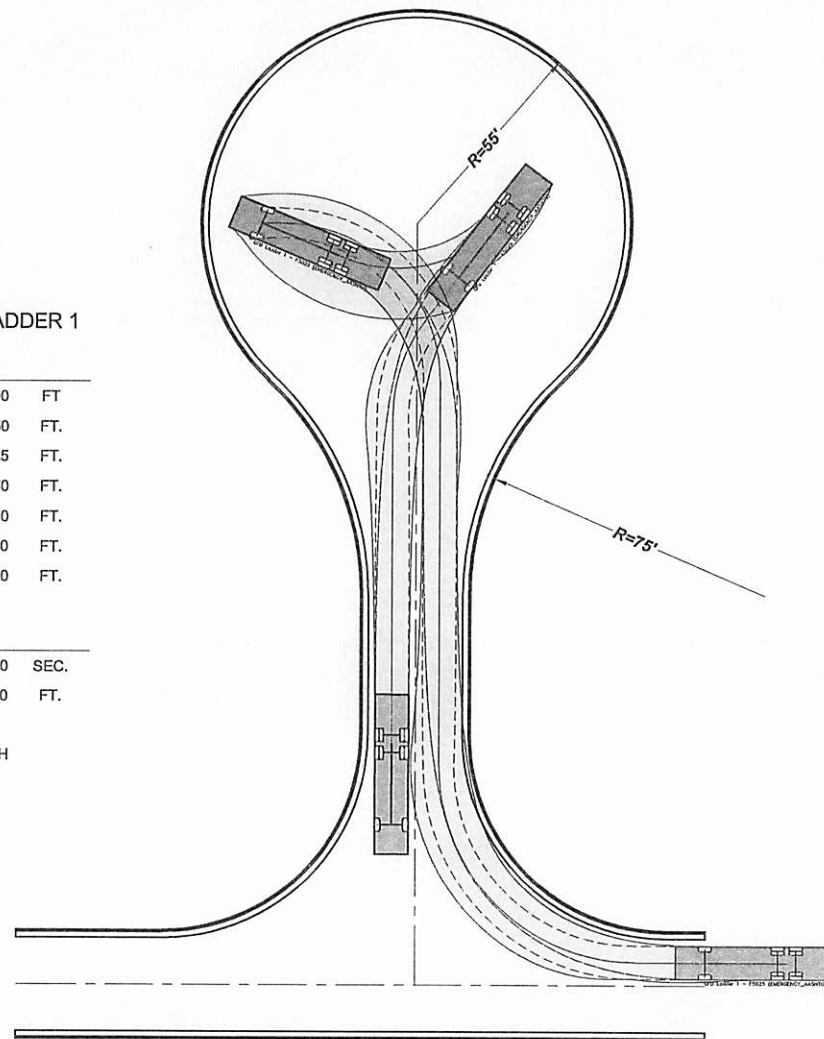
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CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman
Approved By: D. Sailor, P.E.

Drawing Number:
RD-304



PARAMETERS

OVERALL LENGTH:	41.00	FT
OVERALL WIDTH:	8.50	FT.
OVERALL BODY HEIGHT:	10.25	FT.
TRACK WIDTH:	8.50	FT.
FRONT OVERHANG:	7.50	FT.
WHEELBASE:	18.40	FT.
REAR AXLE SPACING:	4.60	FT.

CALCULATED TURNING RADII

LOCK TO LOCK:	4.00	SEC.
WALL TO WALL:	48.50	FT.

SPEED 10 MPH

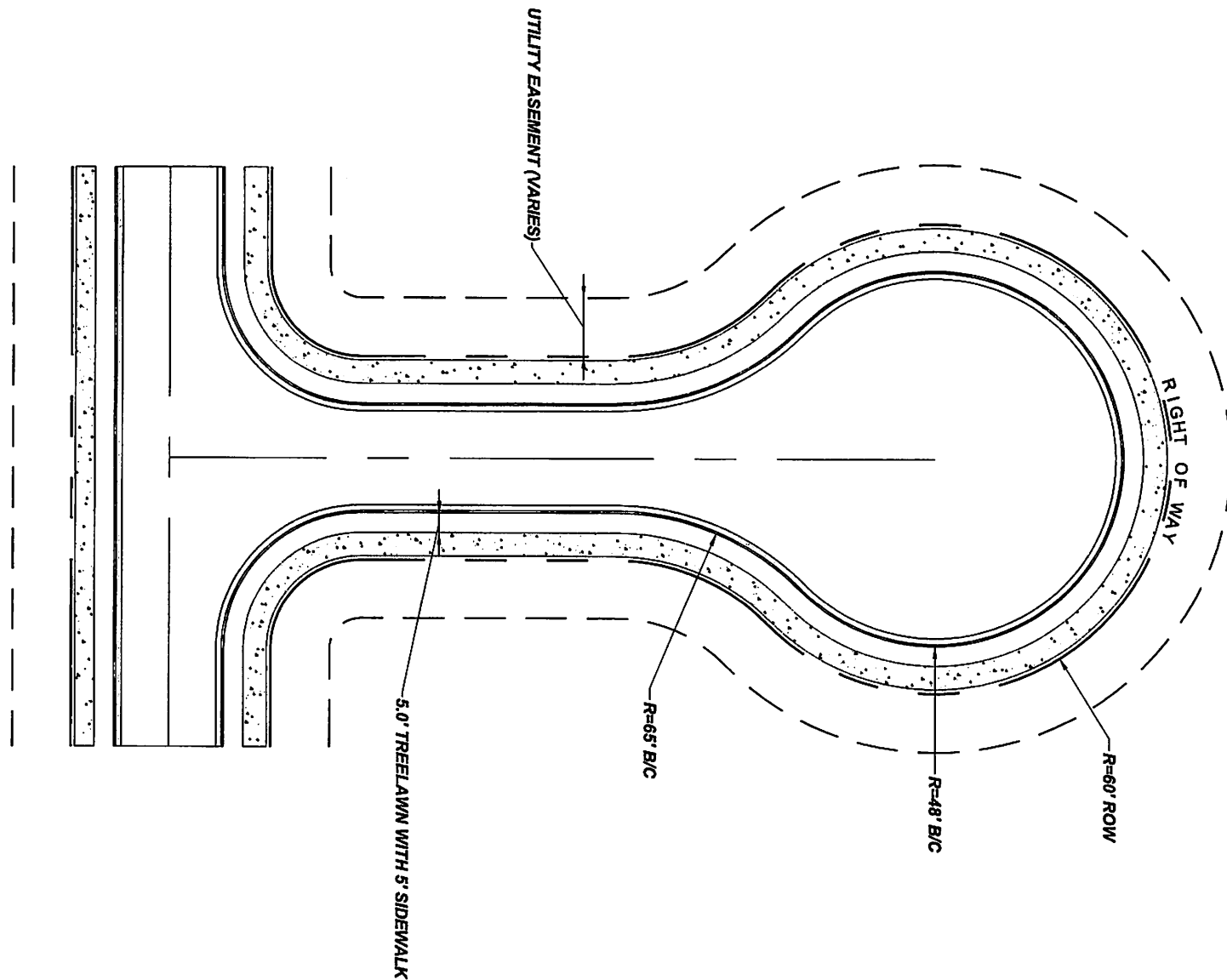
NOT TO SCALE

Date Approved By The City Of Goshen Board Of Public Works & Safety and Approved Revisions

Drafted By: J. Hoffman	Approved By: D. Sallor, P.E.
Drawing Number: RD-305	

RESIDENTIAL CUL-DE-SAC LAYOUT

NOT TO SCALE



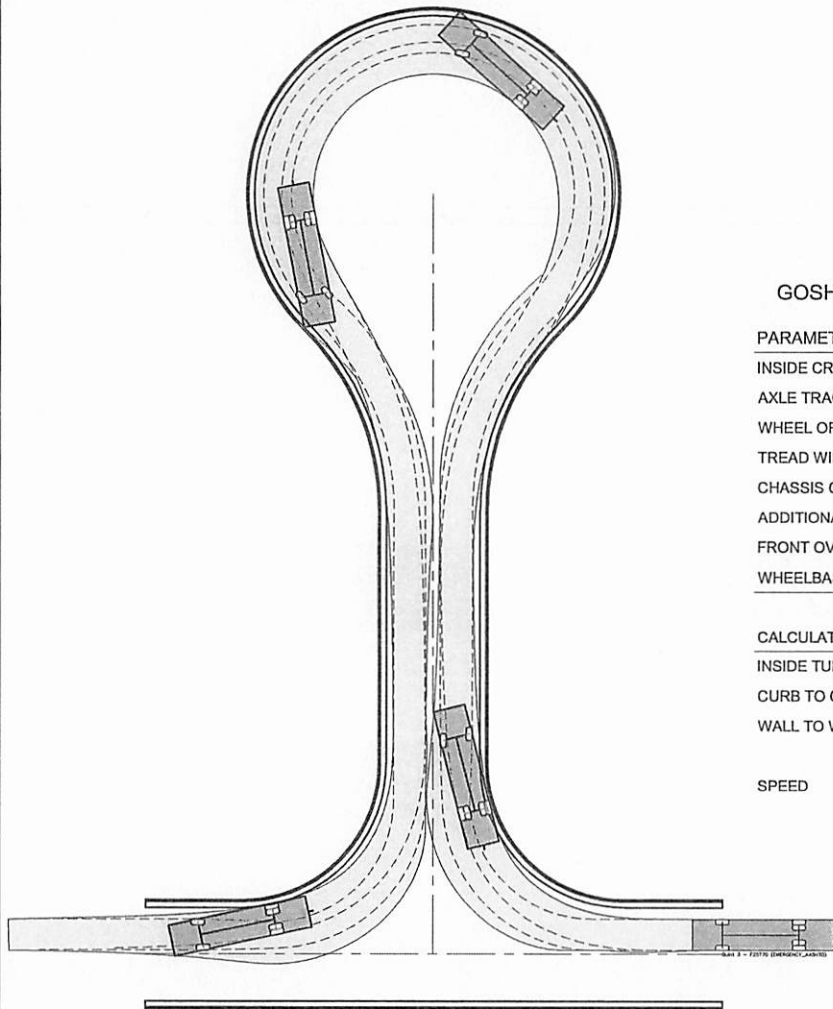
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CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman
 Approved By: D. Sailor, P.E.
 Drawing Number: **RD-306**



GOSHEN FIRE DEPARTMENT - QUINT 3

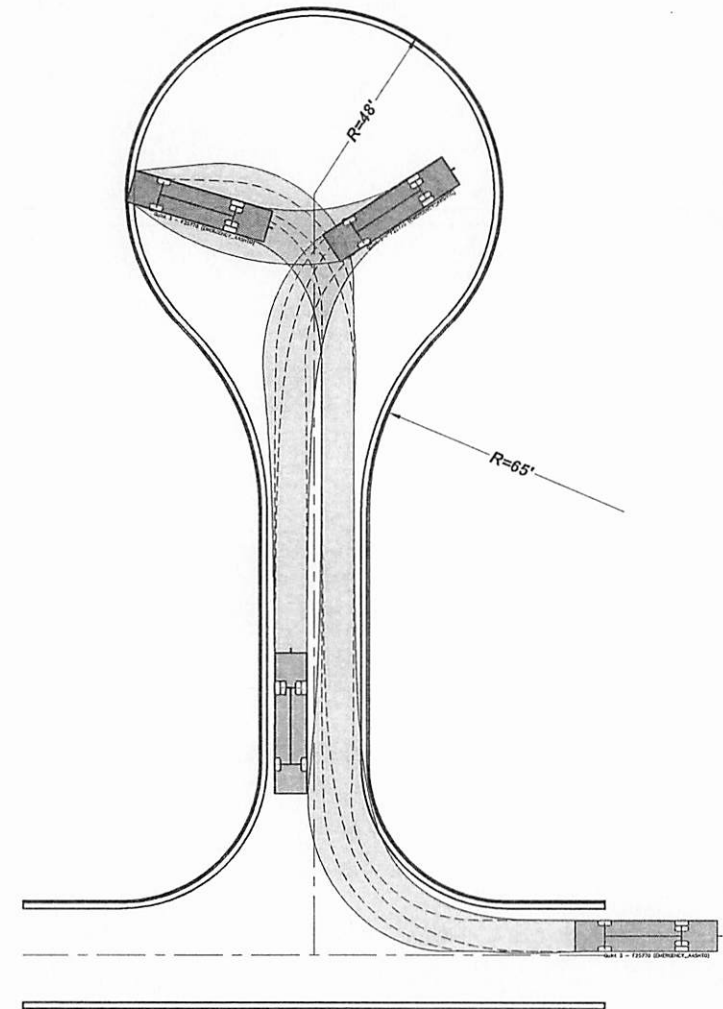
PARAMETERS

INSIDE CRAMP ANGLE:	45.00 DEGREE
AXLE TRACK:	82.92 IN.
WHEEL OFFSET:	4.68 IN.
TREAD WIDTH:	16.60 IN.
CHASSIS OVERHANG:	78.00 IN.
ADDITIONAL BUMPER DEPTH:	13.00 IN.
FRONT OVERHANG:	91.00 IN.
WHEELBASE:	234 IN.

CALCULATED TURNING RADII

INSIDE TURN:	18 FT. 5 IN.
CURB TO CURB	33 FT. 11 IN.
WALL TO WALL:	38 FT. 7 IN.

SPEED	10 MPH
-------	--------



RESIDENTIAL CUL-DE-SAC WITH QUINT

NOT TO SCALE

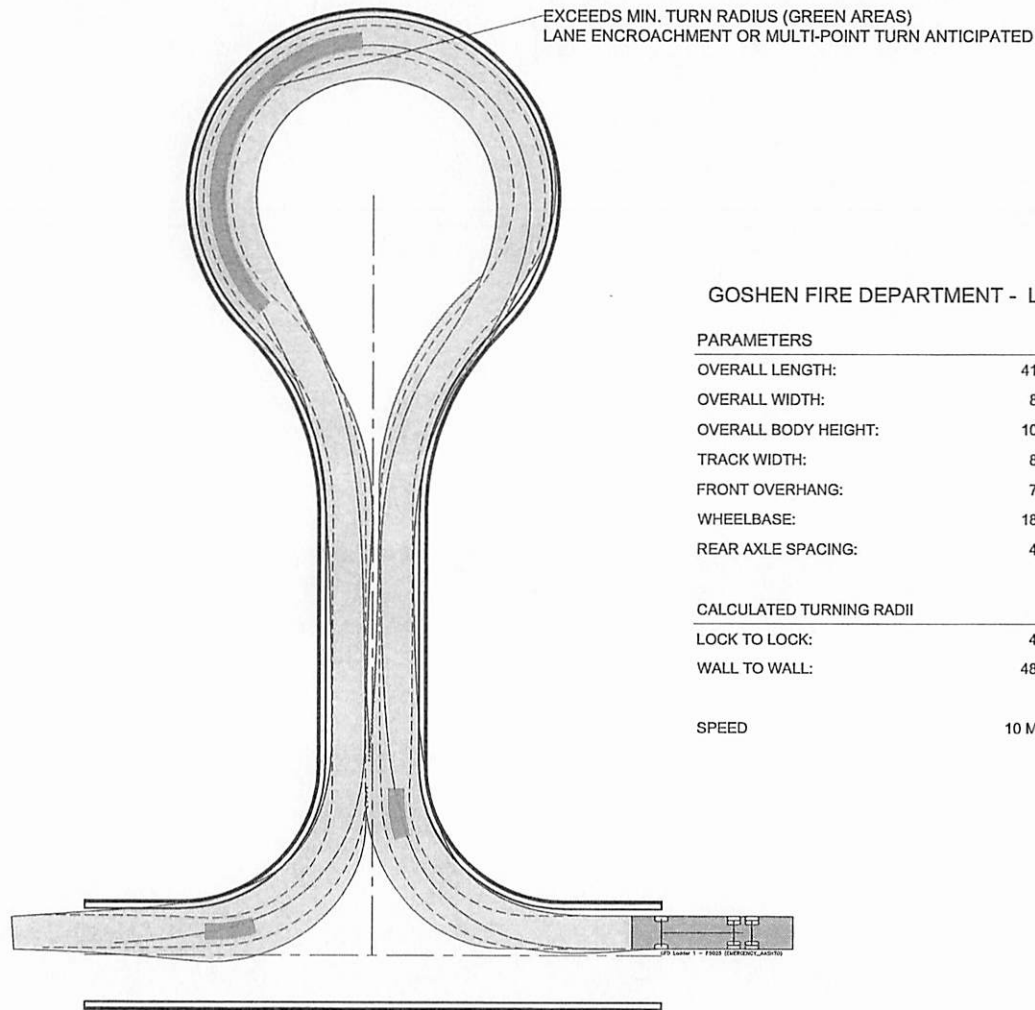
The City Of Goshen
Department of Public Works & Safety
Office of Engineering

204 East Jefferson, Suite 1 Street, Goshen, Indiana 46528
Phone: 574-534-2201 Fax: 574-533-8626
Web: goshenindiana.org

Date Approved By The City Of Goshen Board Of Public Works & Safety and Approved Revisions

CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman
Approved By: D. Sallor, P.E.
Drawing Number: **RD-307**



GOSHEN FIRE DEPARTMENT - LADDER 1

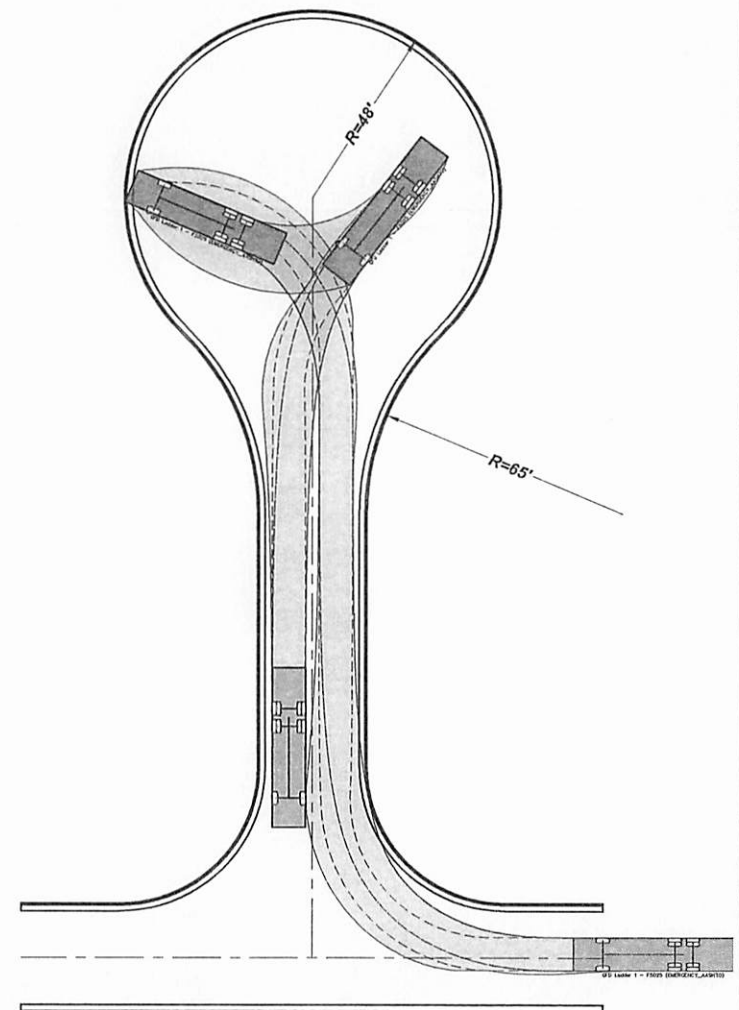
PARAMETERS

OVERALL LENGTH:	41.00	FT
OVERALL WIDTH:	8.50	FT.
OVERALL BODY HEIGHT:	10.25	FT.
TRACK WIDTH:	8.50	FT.
FRONT OVERHANG:	7.50	FT.
WHEELBASE:	18.40	FT.
REAR AXLE SPACING:	4.60	FT.

CALCULATED TURNING RADII

LOCK TO LOCK:	4.00	SEC.
WALL TO WALL:	48.50	FT.

SPEED 10 MPH



RESIDENTIAL CUL-DE-SAC WITH LADDER 1

NOT TO SCALE

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CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman
Approved By: D. Sailor, P.E.
Drawing Number: RD-308



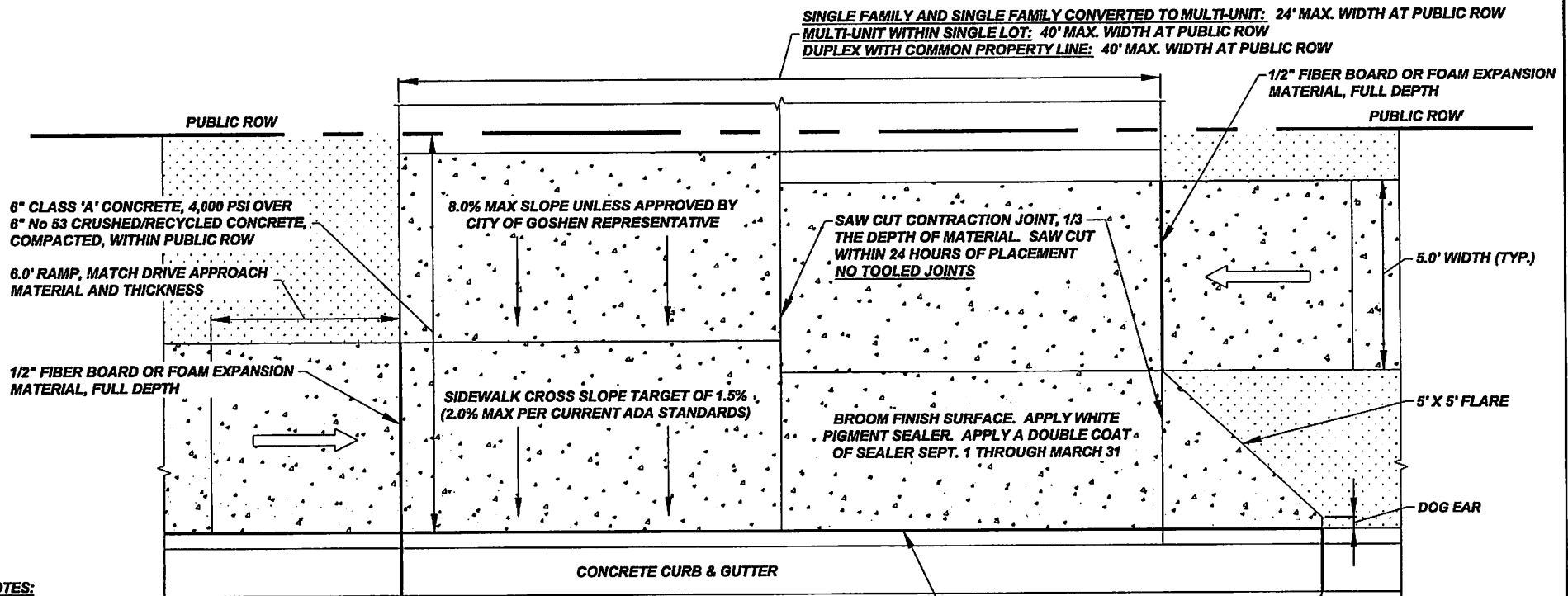
- 1. FOR DRIVE APPROACH WIDTHS GREATER THAN THE 24' MAXIMUM, THE PROPERTY OWNER WILL BE REQUIRED TO APPLY FOR A VARIANCE**

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CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman	Approved By: D. Sallor, P.E.
Drawing Number: RD-402	



NOTES:

1. A PRE-POUR AND POST-POUR INSPECTION IS REQUIRED FOR ACCEPTANCE OF THE DRIVE APPROACH. CALL THE CITY ENGINEERING DEPARTMENT TO SCHEDULE AN INSPECTION AT (574) 534-2201 OR ONLINE, 48 HOUR NOTICE REQUIRED FOR SCHEDULING
2. DRIVE APPROACH - 6" CLASS 'A' CONCRETE, 4,000 PSI OVER 6" No 53 CRUSHED/RECYCLED CONCRETE, COMPACTED
3. SIDEWALK - 4" CLASS 'A' CONCRETE, 4,000 PSI OVER 4" No. 53 CRUSHED/RECYCLED CONCRETE, COMPACTED
4. APPLY WHITE PIGMENT SEALER. APPLY A DOUBLE COAT OF SEALER BEGINNING SEPT. 1 THROUGH MARCH 31
5. RESTORE YARD AREAS WITH 4" OF CLEAN TOPSOIL, INDOT TYPE 'U' WITHOUT CLOVER, COVER WITH EROSION CONTROL BLANKET. LEAVE TOP SOIL SLIGHTLY LOWER THAN SIDEWALK AND DRIVE APPROACH FOR DRAINAGE. THE CONTRACTOR IS RESPONSIBLE TO ACHIEVE 70% EVEN COVERAGE
6. NO REINFORCEMENT IS REQUIRED BUT MAY BE PLACED. CURB AND DRIVE APPROACH MUST REMAIN SEPARATE TO ALLOW FOR MOVEMENT
7. THE SUB-GRADE/SUB-BASE CAN NOT BE FROZEN OR WET WHEN THE CONCRETE IS PLACED. IF THE TEMPERATURES WILL CAUSE FROST IN THE GROUND, BLANKETS NEED TO BE PLACED OVER THE SUB-BASE TO PREVENT FREEZING
8. IF THE FINAL FINISH HAS CROSS SLOPES OVER 2.0% WITHIN THE SIDEWALKS, THOSE AREAS MUST BE REMOVED AND RE-POURED. INCLUDING THE SIDEWALK THROUGH THE DRIVE APPROACH. CROSS SLOPES ARE CHECKED WITH A 2' DIGITAL LEVEL
9. EXISTING CURB MAY NOT BE HORIZONTALLY SAW CUT TO DEPRESS THE CURB. THE CURB MUST BE REMOVED AND RE-POURED WITH NEW PROFILE

1/2" FIBER BOARD OR FOAM EXPANSION MATERIAL, FULL DEPTH. INSTALL BETWEEN CURB AND SIDEWALK. TOP OF EXPANSION MATERIAL SHALL BE EVEN WITH TOP OF CURB AND SIDEWALK

1/2" FIBER BOARD OR FOAM EXPANSION MATERIAL, FULL DEPTH AND WIDTH, SINGLE PIECE

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Office of Engineering

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RESIDENTIAL DRIVEWAY APPROACH

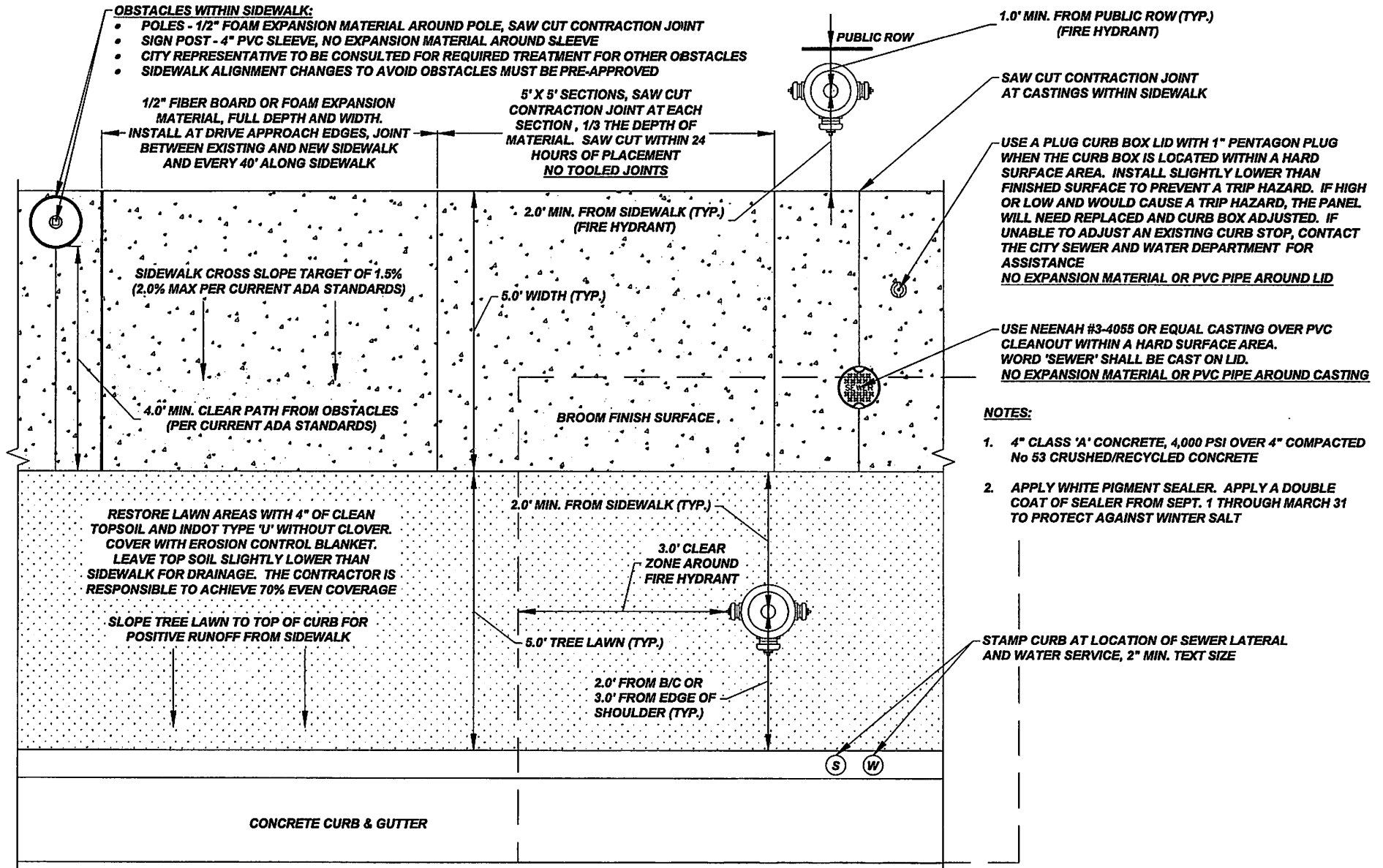
NOT TO SCALE

Date Approved By The City Of Goshen Board Of Public Works & Safety and Approved Revisions

03/27/2025

CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman
Approved By: D. Sallor, P.E.
Drawing Number: **RD-404**



The City Of Goshen
Department of Public Works & Safety
Office of Engineering

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SIDEWALK WITH TREE LAWN

NOT TO SCALE

Date Approved By The City Of Goshen Board Of Public Works & Safety and Approved Revisions

03/27/2025

CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman
Approved By: D. Sallor, P.E.
Drawing Number: **RD-405**

OBSTACLES WITHIN SIDEWALK:

- POLES - 1/2" FOAM EXPANSION MATERIAL AROUND POLE, SAW CUT CONTRACTION JOINT
- SIGN POST - 4" PVC SLEEVE, NO EXPANSION MATERIAL AROUND SLEEVE
- CITY REPRESENTATIVE TO BE CONSULTED FOR REQUIRED TREATMENT FOR OTHER OBSTACLES
- SIDEWALK ALIGNMENT CHANGES TO AVOID OBSTACLES MUST BE PRE-APPROVED

1/2" FIBER BOARD OR FOAM EXPANSION MATERIAL, FULL DEPTH AND WIDTH. INSTALL AT DRIVE APPROACH EDGES, JOINT BETWEEN EXISTING AND NEW SIDEWALK AND EVERY 40' ALONG SIDEWALK

6' X 6' SECTIONS, SAW CUT CONTRACTION JOINT AT EACH SECTION, 1/3 THE DEPTH OF MATERIAL. SAW CUT WITHIN 24 HOURS OF PLACEMENT
NO TOOLED JOINTS

SIDEWALK CROSS SLOPE TARGET OF 1.5% (2.0% MAX PER CURRENT ADA STANDARDS)

4.0' MIN. CLEAR PATH FROM OBSTACLES (PER CURRENT ADA STANDARDS)

6.0' WIDTH (TYP.)

BROOM FINISH SURFACE.

CONCRETE CURB

MATCH JOINT LOCATION BETWEEN CURB AND SIDEWALK WHEN POSSIBLE

1/2" FIBER BOARD OR FOAM EXPANSION MATERIAL, FULL DEPTH. INSTALL BETWEEN CURB AND SIDEWALK. TOP OF EXPANSION MATERIAL SHALL BE EVEN WITH TOP OF CURB AND SIDEWALK

STAMP CURB AT LOCATION OF SEWER LATERAL AND WATER SERVICE, 2" MIN. TEXT SIZE

2.0' MIN. FROM SIDEWALK (FIRE HYDRANT)

SAW CUT CONTRACTION JOINT AT CASTINGS WITHIN SIDEWALK

USE A PLUG CURB BOX LID WITH 1" PENTAGON PLUG WHEN THE CURB BOX IS LOCATED WITHIN A HARD SURFACE AREA. INSTALL SLIGHTLY LOWER THAN FINISHED SURFACE TO PREVENT A TRIP HAZARD. IF HIGH OR LOW AND WOULD CAUSE A TRIP HAZARD, THE PANEL WILL NEED REPLACED AND CURB BOX ADJUSTED. IF UNABLE TO ADJUST AN EXISTING CURB STOP, CONTACT THE CITY SEWER AND WATER DEPARTMENT FOR ASSISTANCE
NO EXPANSION MATERIAL OR PVC PIPE AROUND LID

USE NEENAH #3-4055 OR EQUAL CASTING OVER PVC CLEANOUT WITHIN A HARD SURFACE AREA. WORD 'SEWER' STAMPED ON LID.
NO EXPANSION MATERIAL OR PVC PIPE AROUND CASTING

NOTES:

1. 4" CLASS 'A' CONCRETE, 4,000 PSI OVER 4" COMPACTED No 53 CRUSHED/RECYCLED CONCRETE
2. RESTORE YARD AREAS WITH 4" OF CLEAN TOPSOIL, INDOT TYPE 'U' WITHOUT CLOVER, COVER WITH EROSION CONTROL BLANKET. LEAVE TOP SOIL SLIGHTLY LOWER THAN SIDEWALK AND DRIVE APPROACH FOR DRAINAGE. THE CONTRACTOR IS RESPONSIBLE TO ACHIEVE 70% EVEN COVERAGE
3. APPLY WHITE PIGMENT SEALER. APPLY A DOUBLE COAT OF SEALER FROM SEPT. 1 THROUGH MARCH 31 TO PROTECT AGAINST WINTER SALT
4. DEFECTS OR QUALITY ISSUES MAY REQUIRE SECTIONS OF THE SIDEWALK TO BE REMOVED AND RE-POURED. THE CITY REPRESENTATIVE SHALL DETERMINE IF SECTIONS OF THE SIDEWALK WILL NEED RE-POURED
5. A PRE-POUR AND POST-POUR INSPECTION IS REQUIRED FOR ACCEPTANCE OF THE SIDEWALK. CALL THE CITY ENGINEERING DEPARTMENT TO SCHEDULE AN INSPECTION AT (574) 534-2201 OR ONLINE, 48 HOUR NOTICE REQUIRED FOR SCHEDULING
6. IF UNABLE TO ADJUST WATER SERVICE OR VALVE BOX CONTACT THE CITY WATER & SEWER

SIDEWALK ADJACENT TO CONCRETE CURB

NOT TO SCALE

The City Of Goshen
Department of Public Works & Safety
Office of Engineering

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CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman	Approved By: D. Sallor, P.E.
Drawing Number: RD-406	

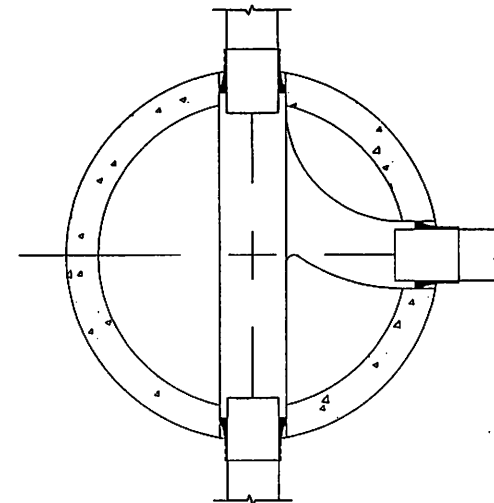
Drafted By: J. Hoffman	Approved By: D. Sailor, P.E.
Drawing Number: SW-201	

Technical drawing of a vertical pipe section, likely a chimney or vent, showing various dimensions and components. The drawing includes a cross-section of the pipe wall and a detailed view of the base assembly.

Key dimensions and labels:

- 24" DIA.**: Dimension for the top flange.
- 24" TO 48" ECCENTRIC CONE**: Dimension for the upper section of the pipe.
- 12" - 16" TYP.**: Typical dimension for the upper section of the pipe.
- 4'-0" DIA.**: Dimension for the main body of the pipe.
- 5"**: Dimension for the upper section of the pipe.
- 24" TO 48" PARALLEL SECTION**: Dimension for the middle section of the pipe.
- IF LESS THAN 24"**: Label for the lower section of the pipe.
- 6"**: Dimension for the lower section of the pipe.
- VARIES BASE**: Label for the base of the pipe.

24" TO 48" 24" TO 48"
BARREL SECTION ECCENTRIC CONE



PLAN VIEW

1. **ALL STRUCTURES MUST BE INSPECTED BY A CITY REPRESENTATIVE PRIOR TO INSTALLATION. STRUCTURES WILL BE REJECTED IF REINFORCING STEEL IS EXPOSED, EXCESSIVE VOIDS ARE OBSERVED IN THE CONCRETE, DAMAGE TO CONCRETE EDGES BETWEEN SECTIONS AND ANY OTHER ITEM THAT MAY COMPROMISE THE STRUCTURE**
2. **SEE DETAIL SW-201 FOR ADDITIONAL STRUCTURE INFORMATION**

**VARIES —
BASE**

**No. 8 AGGREGATE, MAYBE ELIMINATED BY
ENGINEER IF CONDITIONS DO NOT
WARRANT THE 6" OF BASE MATERIAL**

— BOOTS REQUIRED FOR ALL SANITARY PIPE CONNECTIONS. AN INVERT INSTALLED IN THE FIELD MUST BE CORED. SEAL THE GAP BETWEEN THE PIPE AND BOOT WITH A NON-SHRINK RAPID SETTING MORTAR, SPEED CRETE RED LINE OR APPROVED. EXTEND PIPE 6" BEYOND INSIDE WALL FACE IF ABOVE PRECAST INVERT AND BENCH

SEWER MANHOLE (TYPE B) - ELEVATED PIPE INVERT

NOT TO SCALE

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CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman	Approved By: D. Sallor, P.E.
Drawing Number: SW-202	

LID OR
 L TOP OF
 ED
 NISHED
 ED AREAS

24" DIA.

MAXIMUM 12" OF ADJUSTMENT, 2 OR FEWER RINGS.
 2" AND THICKER PRE-CAST RINGS ONLY

24" TO 48" ECCENTRIC CONE

12" - 16" TYP.

T' = 1/2 PIPE DIA.

PLUG

5"

4'-0" DIA.

NON-SHRINK RAPID SETTING MORTAR, SPEED CRETE RED LINE OR SIMILAR APPROVED MATERIAL

T' OR 6" MIN.

T' OR 6" MIN. (CLASS 'A' CONCRETE)

24" TO 48" BARREL SECTION

VARIES BASE

6"

(2) 45° PVC ELBOWS, NO S

FORM CHANNEL IN BENCH PREVENT SOLIDS FROM CHANNEL DOWNSTREAM MATERIAL FROM COLLECT TWO FLOW LINES. IF POUR GOSHEN ENGINEERING DESIGN BEFORE INSTALLING CONTRACTOR MAY BE RE-POUR WITH NO ADDITI

AGGREGATE, MAYBE ELIMINATED BY
 ER IF CONDITIONS DO NOT
 NT THE 6" OF BASE MATERIAL

BOOTS REQUIRED FOR ALL SANITARY PIPE CONNECTIONS. AN INVERT INSTALLED
 BE CORED. SEAL THE GAP BETWEEN THE PIPE AND BOOT WITH A NON-SHRINK RAP
 MORTAR, SPEED CRETE RED LINE OR APPROVED. EXTEND PIPE 6" BEYOND INSIDE
 ABOVE PRECAST INVERT AND BENCH

FORM CHANNEL IN BENCH, 4" MIN DEPTH, TO MAIN INVERT TO PREVENT SOLIDS FROM COLLECTING BELOW THE PIPE. CURVE CHANNEL DOWNSTREAM ALONG MAIN INVERT TO PREVENT MATERIAL FROM COLLECTING AT THE INTERSECTION OF THE TWO FLOW LINES. IF POURED IN THE FIELD, THE CITY OF GOSHEN ENGINEERING DEPARTMENT MUST PRE-APPROVE THE DESIGN BEFORE INSTALLING. IF NOT PRE-APPROVED, THE CONTRACTOR MAY BE REQUIRED TO REMOVE THE BENCH AND RE-POUR WITH NO ADDITIONAL COMPENSATION.

SEWER EXTERIOR DROP MANHOLE (TYPE D) - CONE W/ MANHOLE CASTING

The City Of Goshen
Department of Public Works & Safety
Office of Engineering

Date Approved By The City Of Goshen Board Of Public Works & Safety and Approved Revisions

Drafted By: J. Hoffman	Approved By: D. Sailor, P.E.
Drawing Number: SW-204	



1. **ALL STRUCTURES MUST BE INSPECTED BY A CITY REPRESENTATIVE PRIOR TO INSTALLATION. STRUCTURES WILL BE REJECTED IF REINFORCING STEEL IS EXPOSED, EXCESSIVE VOIDS ARE OBSERVED IN THE CONCRETE, DAMAGE TO CONCRETE EDGES BETWEEN SECTIONS AND ANY OTHER ITEM THAT MAY COMPROMISE THE STRUCTURE**
2. **WASTEWATER PRETREATMENT REQUIRES A MINIMUM OF 1 1/2" OF LIQUID DEPTH FOR SAMPLING EQUIPMENT TO COLLECT SAMPLE**
3. **SEE DETAIL SW-201 FOR ADDITIONAL STRUCTURE INFORMATION**

BOOTS REQUIRED FOR ALL PIPE CONNECTIONS. AN INVERT INSTALLED IN THE FIELD MUST BE CORED AND BOOT INSTALLED. SEAL THE GAP BETWEEN THE PIPE AND BOOT WITH A NON-SHRINK RAPID SETTING MORTAR, SPEED CRETE REDLINE OR APPROVED

Drafted By: J. Hoffman	Approved By: D. Sailor, P.E.
Drawing Number: SW-206	

1. 4" PLAIN END INLET/OUTLET
2. FIELD MODIFIABLE TO 6" PLAIN END INLET/OUTLET
3. UNIT WEIGHT - 9 LBS.
4. MAXIMUM OPERATING TEMPERATURE: 150° F CONTINUOUS
5. OFFSET CONNECTIONS
6. 2 ROLLS OF 33" X 2" BUTYL MASTIC TAPE PROVIDED FOR SEALING BUILD-YOUR-OWN RISER JOINTS

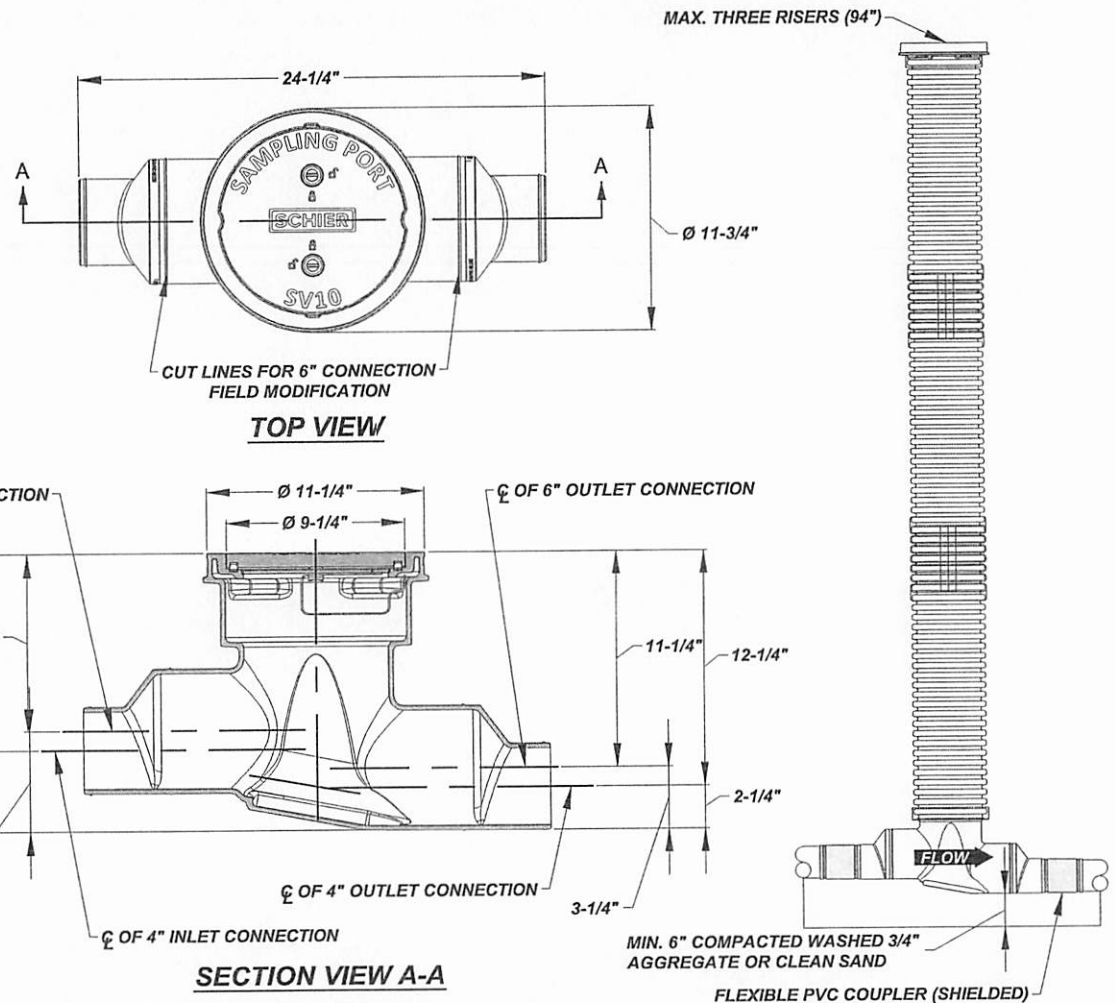
SCHIER SEWER VIEWER SAMPLING PORT MODEL# SV 10 SHALL BE LIFETIME GUARANTEED AND MADE IN USA OF SEAMLESS, ROTATIONALLY-MOLDED POLYETHYLENE. SAMPLING PORT SHALL BE FURNISHED FOR ABOVE OR BELOW GRADE INSTALLATION. COVER SHALL PROVIDE WATER/GAS-TIGHT SEAL AND HAVE MINIMUM 16,000 LBS. LOAD CAPACITY

FIELD CUT RISER FOR EXTENDING COVER TO GRADE

WWW.SCHIERPRODUCTS.COM



1. VEHICULAR TRAFFIC AREA - MIN. 8" W/ REBAR
PEDESTRIAN OR GREENSPACE - MIN. 4" W/ REBAR
2. NO. 4 REBAR, GRADE 60 STEEL PER ASTM A615,
CONNECTED WITH TIE WIRE
3. CONCRETE, 4,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS



SCHIER SV 10 SEWER VIEWER SAMPLING PORT (TYPE G)

NOT TO SCALE

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CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman	Approved By: D. Sailor, P.E.
Drawing Number: SW-207	

Drafted By: J. Hoffman	Approved By: D. Sallor, P.E.
Drawing Number: SW-209	

Drafted By: J. Hoffman	Approved By: D. Sallor, P.E.
Drawing Number: SW-210	

Drafted By: J. Hoffman	Approved By: D. Sallor, P.E.
Drawing Number: SW-211	

Drafted By: J. Hoffman	Approved By: D. Sallor, P.E.
Drawing Number: SW-212	

USE 1/4" ROLLED MASTIC ROPE ALONG CASTING AND RING, ONE ALONG INSIDE AND OUTSIDE EDGES WHEN POSSIBLE. FOR FINE ADJUSTMENT, A NON-SHRINK RAPID SETTING MORTAR, SPEED CRETE REDLINE OR SIMILAR APPROVED MATERIAL CAN BE USED, MAXIMUM OF 2" THICKNESS. NO SHIMS, BRICK OR CONCRETE UNDER CASTING

MAXIMUM 12" OF ADJUSTMENT, 2 OR FEWER RINGS. 2" AND THICKER PRE-CAST RINGS ONLY

24" DIA.

12" - 16" TYP.

4'-0" DIA.

5"

24" TO 48" BARREL SECTION

VARIES BASE

36" TYP.

6"

6"

6"

6"

SECTIONS MAY BE SEALED WITH THE MANUFACTURER'S SUPPLIED GASKET OR MASTIC PLACED ON THE UPPER AND LOWER EDGES OF STRUCTURE

NOTE:

1. ALL STRUCTURES MUST BE INSPECTED BY A CITY REPRESENTATIVE PRIOR TO INSTALLATION. STRUCTURES WILL BE REJECTED IF REINFORCING STEEL IS EXPOSED, EXCESSIVE VOIDS ARE OBSERVED IN THE CONCRETE, DAMAGE TO CONCRETE EDGES BETWEEN SECTIONS AND ANY OTHER ITEM THAT MAY COMPROMISE THE STRUCTURE

BOOTS ARE NOT REQUIRED FOR STORM PIPE CONNECTIONS. SEAL GAP BETWEEN THE PIPE/STRUCTURE OR INSIDE OF BOOT WITH A NON-SHRINK RAPID SETTING MORTAR, SPEED CRETE RED LINE OR APPROVED. EXTEND STORM PIPE 6" BEYOND INSIDE WALL FACE. AN INVERT INSTALLED IN THE FIELD MUST BE CORED, NO HAND CUT INVERTS ALLOWED

DESIGNED BY ENGINEER IF 6" OF BASE MATERIAL

1. ALL STRUCTURES MUST BE INSPECTED BY A CITY REPRESENTATIVE PRIOR TO INSTALLATION. STRUCTURES WILL BE REJECTED IF REINFORCING STEEL IS EXPOSED, EXCESSIVE VOIDS ARE OBSERVED IN THE CONCRETE, DAMAGE TO CONCRETE EDGES BETWEEN SECTIONS AND ANY OTHER ITEM THAT MAY COMPROMISE THE STRUCTURE

SEWER CATCH BASIN (TYPE M) - FLAT TOP W/ MANHOLE CASTING

NOT TO SCALE

The City Of Goshen
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**CITY OF GOSHEN, INDIANA
STANDARD DETAIL**

Drafted By: J. Hoffman	Approved By: D. Sailor, P.E.
Drawing Number: SW-213	



Drafted By: J. Hoffman	Approved By: D. Sallor, P.E.
Drawing Number: SW-214	

NEENAH R-1772 W/ TYPE 'D' LID
OR APPROVED EQUAL. INSTALL
TOP OF CASTING 1/4" BELOW
FINISHED PAVEMENT

USE 1/4" ROLLED MASTIC ROPE BETWEEN
STRUCTURE AND RINGS, ONE ALONG
INSIDE AND OUTSIDE EDGE. CASTING
AND RINGS MUST BE ALIGNED
VERTICALLY AND HAVE NO CRACKS
(2.0" MAXIMUM HORIZONTAL OFFSET
ALLOWED IF PRE-APPROVED)

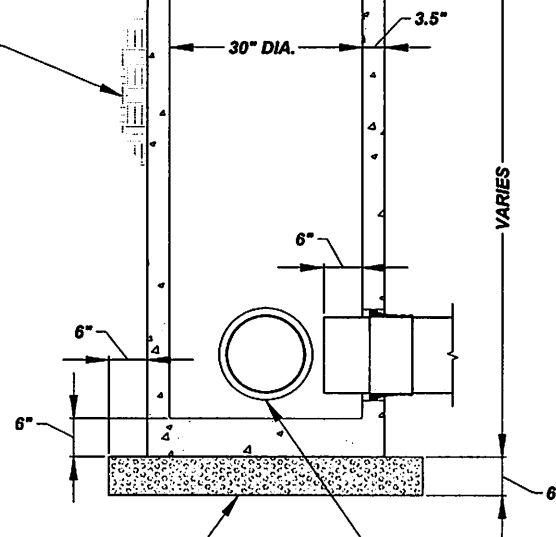
BACKFILL WITH B-BORROW OR
APPROVED CLEAN SPOILS.
COMPACT IN PROPER LIFTS BY
MECHANICAL MEANS. IF UNABLE TO
COMPACT BY MECHANICAL MEANS,
PLACE No. 8 PEA GRAVEL BETWEEN
EXCAVATION WALL AND STRUCTURE

USE 1/4" ROLLED MASTIC ROPE BETWEEN
CASTING AND RING, ONE ALONG INSIDE AND
OUTSIDE EDGES WHEN POSSIBLE. FOR FINE
ADJUSTMENT, A NON-SHRINK RAPID SETTING
MORTAR, SPEED CRETE REDLINE OR SIMILAR
APPROVED MATERIAL CAN BE USED, MAXIMUM
OF 2" THICKNESS. NO SHIMS, BRICK OR
CONCRETE UNDER CASTING

MAXIMUM 12" OF ADJUSTMENT, 2 OR FEWER RINGS.
2" AND THICKER PRE-CAST RINGS ONLY

NOTES:

1. ALL STRUCTURES MUST BE INSPECTED BY A
CITY REPRESENTATIVE PRIOR TO
INSTALLATION. STRUCTURES WILL BE
REJECTED IF REINFORCING STEEL IS EXPOSED,
EXCESSIVE VOIDS ARE OBSERVED IN THE
CONCRETE, DAMAGE TO CONCRETE EDGES
BETWEEN SECTIONS AND ANY OTHER ITEM
THAT MAY COMPROMISE THE STRUCTURE
2. 30" DIA. STRUCTURE SUITABLE UP TO A SINGLE
15" DIA. PIPE
3. 30" DIA. STRUCTURE SUITABLE UP TO TWO 12"
DIA. PIPES AT 90° TO EACH OTHER
4. PIPES LARGER THAN 15" DIA. REQUIRE A
SEWER MANHOLE STRUCTURE



No. 8 AGGREGATE, MAYBE ELIMINATED BY ENGINEER IF
CONDITIONS DO NOT WARRANT THE 6" OF BASE MATERIAL

BOOTS ARE NOT REQUIRED FOR STORM PIPE CONNECTIONS. SEAL GAP BETWEEN THE
PIPE/STRUCTURE OR INSIDE OF BOOT WITH A NON-SHRINK RAPID SETTING MORTAR, SPEED
CRETE RED LINE OR APPROVED. EXTEND STORM PIPE 6" BEYOND INSIDE WALL FACE. AN
INVERT INSTALLED IN THE FIELD MUST BE CORED, NO HAND CUT INVERTS ALLOWED

SEWER INLET (TYPE O) - FLAT CASTING

NOT TO SCALE

The City Of Goshen
Department of Public Works & Safety
Office of Engineering

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CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman	Approved By: D. Sailor, P.E.
Drawing Number: SW-215	

Drafted By: J. Hoffman	Approved By: D. Sallor, P.E.
Drawing Number: SW-216	

204 East Jefferson, Suite 1 Street, Goshen, Indiana 46528
Phone: 574-534-2201 Fax: 574-533-8626
Web: goshenindiana.org



**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

Exhibit #3

MEMORANDUM

TO: Board of Works and Safety and Stormwater Board

FROM: Dustin Sailor, P.E., Director of Public Works & Utilities

RE: **INDIANA FINANCE AUTHORITY PRELIMINARY ENGINEERING REPORT
AUTHORIZE TO SIGN (JN: 2023-0040)**

DATE: March 27, 2025

The Goshen Water Utility has worked with its consultant over the past year to prepare a Preliminary Engineering Report (PER) outlining proposed upgrades to the utility system. This PER will be submitted to the Indiana Finance Authority (IFA) by the application deadline of April 1, 2025.

The application is being submitted for funding consideration through the State's Drinking Water State Revolving Fund (SRF) Loan Program.

Goshen Water respectfully requests the Board's authorization for Dustin Sailor, Director of Public Works and Utilities, to sign and submit the SRF loan application on behalf of the City.

Requested Motion: *Move to authorization Dustin Sailor to sign and submit the Drinking Water State Revolving Fund Loan Program application on the city's behalf.*

City of Goshen
Board of Works & Safety

Gina Leichty, Mayor

Mike Landis, Board Member

Mary Nichols, Board Member

Barb Swartley, Board Member

Orv Myers, Board Member



APPLICATION FORM

Drinking Water State Revolving Fund Loan Program (DWSRF)

Return completed form to:
DWSRF Administrator
100 North Senate Avenue, Rm. 1275
Indianapolis, IN 46204

Section I. APPLICANT and SYSTEM INFORMATION

1. Applicant Name (community or water system name): City of Goshen
2. Type of Applicant (check one):

<input checked="" type="checkbox"/> Municipality (City, Town, County, Township)	<input type="checkbox"/> For-profit Utility
<input type="checkbox"/> Regional Water District	<input type="checkbox"/> School
<input type="checkbox"/> Non-profit Water Corporation	<input type="checkbox"/> Other _____
3. Public Water Supply ID Number: IN5220009
4. Location of the Proposed Project: City / Town: Goshen, Indiana
 County(ies): Elkhart Civil Township(s): Elkhart
 State Representative District: 49.21.18 State Senate District: 12 Congressional District: 2
5. Population Served (<https://myweb.in.gov/IDEM/DWW>): 32,267
6. Population Trend (<http://data.census.gov>): ☒ Increasing ☐ Decreasing
7. Median Household Income for Service Area (<http://data.census.gov>): \$55,436
8. Unemployment Rate Data (<http://data.bls.gov>): 4.0%
9. Number of Connections (Current): 12,052 (Post-Project): No change due to Project
10. Current User Rate/4,000 gal.: \$29.87 Estimated Post-Project Rate/4,000 gal.: \$50.82
11. Average Residential User Bill for the last 12 months: \$34.92
12. Is the utility regulated by the Indiana Utility Regulatory Commission (IURC)?: ☐ Yes ☒ No
13. Applicant's Unique Entity Identifier¹: MNG6ZLPL6945
14. Does the Utility have any Interlocal agreements?: ☐ Yes ☒ No
 If yes, will they expire after final maturity of the SRF Loan?: ☐ Yes ☒ No
 If no, agreements will need to be renewed to ensure they expire after the final maturity of the SRF Loan.

Section II. CAPACITY DEVELOPMENT

Pursuant to the Safe Drinking Water Act, a DWSRF Loan Program Participant must certify that the Participant possesses the technical, managerial, and financial capacity to operate the water system or that the DWSRF Loan Program assistance will ensure compliance with the Safe Drinking Water Act (40 CFR 35.3520(d)(2)).

1. Does your system currently possess technical, managerial and financial capacity? ☒ Yes ☐ No
2. If no, will technical, managerial and financial capacity be achieved after the implementation of the water system's DWSRF project? ☐ Yes ☐ No

To assess the technical, managerial, and financial capacity of the water system, the Participant is encouraged to complete the "Indiana Department of the Environmental Management (IDEM) Capacity Development Self-Assessment", available at www.srf.in.gov.

¹ SRF Participants must register with the SAM.gov to secure a Unique Entity Identifier (UEI). For more information about how to obtain a UEI and register in SAM.gov, see www.srf.in.gov.

By submitting this form, the Community is applying to multiple funding sources administered by the Authority, including the state Water Infrastructure Assistance Program. The Authority will determine the fund source that best serves the proposed project.

Section III. CONTACT INFORMATION

Authorized Signatory (an official of the Community or water system that is authorized to contractually obligate the applicant with respect to the proposed project):

Name: Dustin K. Sailor
Title: Director of Public Works and Utilities
Address: 204 East Jefferson Street, Suite 1
City, State, Zip Code: Goshen, Indiana, 46528
Telephone # (include area code): 574.537.3814
E-mail: dustinsailor@goshencity.com

Applicant Staff Contact (person to be contacted directly for information if different from authorized signatory):

Name: Jamey Bontrager-Singer
Title: Utilities City Engineer
Address: 204 East Jefferson Street, Suite 1
City, State, Zip Code: Goshen, Indiana, 46528
Telephone # (include area code): 574.537.3801
E-mail: jameybsinger@goshencity.com

Certified Operator:

Name: Marv Shepherd, Water Superintendent
Telephone # (include area code): 574.534.5306
E-mail: marvshepherd@goshencity.com

Grant Administrator (if applicable):

Contact: N/A
Firm: _____
Address: _____
City, State, Zip Code: _____
Telephone # (include area code): _____
E-mail: _____

Consulting Engineer:

Contact: Jeremy Roschyk
Firm: Donohue & Associates, Inc
Address: 105 East Jefferson Boulevard, Suite 325
City, State, Zip Code: South Bend, Indiana, 46601
Telephone # (include area code): 574.213.6124
E-mail: jroschyk@donohue-associates.com

Bond Counsel:

Contact: Lisa Lee, Partner
Firm: Ice Miller, LLP
Address: One American Square, Suite 2000
City, State, Zip Code: Indianapolis, IN, 46282
Telephone # (include area code): 317.236.2268
E-mail: lisa.lee@icemiller.com

Financial Advisor:

Contact: Eric Walsh
Firm: Baker Tilly
Address: 112 Iron Works Avenue, Suite C
City, State, Zip Code: Mishawaka, IN 46544
Telephone # (include area code): 574.935.5178
E-mail: Eric.Walsh@bakertilly.com

Local Counsel:

Contact: Bodie Stegelmann
Firm: City Attorney
Address: 204 East Jefferson Street, Suite 2
City, State, Zip Code: Goshen, IN 46528
Telephone # (include area code): 574.537.3854
E-mail: bodiestegelmann@goshencity.com

Section IV. PROJECT INFORMATION

1. **Project Need** - Describe the facility needs in terms of age, condition, date of most recent rehabilitation/replacement, and any public health or Safe Drinking Water Act compliance issues or violations (if applicable):

The proposed project is intended to upgrade the water supply and treatment infrastructure of the City of Goshen. Growth forecasts for the City as well as aging existing infrastructure indicate a need for additional treatment capacity to avoid an IDEM connection ban that prevents any new customers. The existing North Wellfield and WTP are located almost entirely in the floodplain of the Rock Run Creek, presenting challenges to rehabilitating or expanding facilities at that location. Additionally, a contamination plume near the existing Kercher Wellfield presents an operational challenge for existing operations. The main goal of the proposed project will consist of the construction of a new South water treatment plant (WTP) to meet increasing system water demands as well as the replacement of the existing Hilltop Booster Station to meet pressure requirements.

2. **Proposed Project** - Describe the scope of the proposed project and how it will address the applicant's needs as enumerated above. Please provide a map showing proposed work areas, if possible. Note: Projects that are solely for fire suppression or economic development are not eligible for funding under the Safe Drinking Water Act.

The project is intended to upgrade the water supply and treatment infrastructure as well as improve the water distribution infrastructure. The proposed project consists of the construction of a new South Wellfield and WTP facility as well as the replacement of the existing Hilltop Booster Station. The proposed improvements include necessary rehabilitation of the deteriorating floor of the North WTP as well as necessary well maintenance at the North and Kercher Wellfields. The new South WTP will require 6 wells providing 6.4 million gallons per day (MGD) firm capacity as well as treatment facilities rated at least at the same 6.4 MGD firm capacity. The treatment facilities will consist of aeration, pressure filtration, pumps, clearwell storage, and relevant chemical treatment. Additionally, the distribution system will be upgraded to account for the increased capacity in the City's system. The distribution upgrades will consist of 3,700 feet of 21-inch water main to connect the South WTP and wellfield to the rest of the City's distribution system. The proposed New Hilltop Booster Station involves installing three pumps with the construction of the pump station, with space for a fourth pump to be added as the water system demand grows. The Booster Station will also include an underdrain system which utilizes a perforated underdrain pipe loop placed around the Underground Storage Tank to serve as the primary collection method for the groundwater. Implementing these two alternatives will ensure that the Hilltop Booster Station continues to provide acceptable pressure while also alleviating the seasonally high groundwater levels and allow for more of the storage tank volume to be utilized. The preliminary total planning costs of the project are ~\$68,000,000 (Refer to Chapter 4 for more detailed information).

- Has a copy of the utility's Asset Management Program Certification been attached?² ☒ Yes ☐ No
 - What was the date of the last IFA Regional Planning Meeting attended by the utility?³ November 14, 2024
 - What was the end date of the last full State Board of Accounts Audit? August 29, 2024
 - What was the date of the utility's last Non-Revenue Water Audit?⁴ August 31, 2024
- Was the last Non-Revenue Water Audit submitted to the IFA? ☒ Yes ☐ No

² Per IC 5-1.2-10-16, all PERs submitted to the IFA's SRF Programs must include a completed Asset Management Program (AMP).

³ Per IC 5-1.2-11.5-7 and 5-1.2-11-8, the Applicant has or will participate in a cooperative/ regional activity (e.g., attend an IFA Regional Planning Meeting [www.in.gov/ifa/3035] or cooperative activity) acceptable to the Authority.

⁴ Per IC 8-1-30.8-8 and IC 5-1.2-11-8, for Drinking Water systems to apply to Authority programs a utility must demonstrate to the Authority that it has completed annual audits of non-revenue water, and submitted to the Authority as outlined in IC 8-1-30.8-6.

- Is land acquisition and/or easements needed for this project?

☐ Yes ☒ No

If yes, have all land rights been acquired?

☐ Yes ☐ No

3. Project Cost Estimate:

Source (intake or wells)	\$ <u>\$7,345,000</u>
Treatment	\$ <u>\$37,563,000</u>
Storage	\$ <u>\$818,000</u>
Distribution/Transmission	\$ <u>\$7,303,000</u>
Other: <u>10% Contingency</u>	\$ <u>\$5,300,000</u>
TOTAL CONSTRUCTION:	\$ <u>\$58,330,000</u>
Non-construction Costs	\$ <u>\$9,670,000</u>
TOTAL ESTIMATED PROJECT COST:	\$ <u>\$68,000,000</u>

Other Funding Sources:

	Application Submittal (date)	Amount Requested (dollars)	Amount Awarded (if applicable)
Office of Community and Rural Affairs			
U.S. Dept. of Commerce Economic Development Administration			
U.S. Dept. of Agriculture Rural Development			
Local Funds			
Other: _____			

4. Will this project proceed if other funding sources are not in place?: ☒ Yes ☐ No

5. Anticipated SRF Loan Amount (after other funding): \$ \$68,000,000

Section V. ADDITIONAL FINANCIAL QUESTIONS

Please confirm your answers with the utility's legal and financial advisers prior to submitting your responses.

A. Will this SRF loan be repaid from net revenue of the applicant's utility being improved by the SRF project?:

☒ Yes ☐ No

Are there any other debt obligations of this utility (i.e., bank loans, guarantee savings contracts, installment payment contracts, bank or financing purchase leases, loans from other utilities of the applicant)?

☒ Yes ☐ No

Is an estimated debt service coverage percentage currently available (coverage is computed by taking Net Revenues and dividing it by maximum annual debt service inclusive of both the planned new and any outstanding revenue bonds)?

☒ Yes ☐ No

○ if available, the coverage estimate is 175 percent.

Please know that prior to any loan preclosing, a formal pro forma coverage showing of at least 125% is required by SRF.

B. Will net revenues be the sole source of repayment?

☒ Yes ☐ No

If "no" was marked in Questions A and B, then please answer the following additional questions:

- What is the planned source(s) to provide funds to make SRF loan repayments? Check below as applicable:
 - ☐ property taxes. If checked:
 - Is a preliminary determination & remonstrance process under IC 6-1.1-20 required?

☐ Yes ☐ No
 - Has that preliminary determination & remonstrance process under IC 6-1.1-20 been completed?

☐ Yes ☐ No
 - ☐ tax increment revenues. If checked:
 - Has a TIF area already established?

☐ Yes ☐ No
- If already established:
 - 1) Please provide history of tax increment revenues (at least five (5) years)
 - 2) Provide a schedule of projected tax increment revenues, debt service (which includes existing obligations pledged with tax increment revenues) and a showing that the 125% coverage requirement is met.
- ☐ other (describe: _____).

C. Will proceeds be used to payoff an existing BAN? ☐ Yes ☒ No

- if "yes", provide amount of the payoff _____.
- And, provide the purpose for which the BAN was used: ☐ Construction ☐ Non-construction

If Construction is selected, the subject of the BAN will require SRF review prior to construction.

Section VI. SIGNATURE

I certify that I am legally authorized by the legislative body to sign this application. To the best of my knowledge and belief, the foregoing information is true and correct.

Signature of Authorized Signatory (Community Official)

Dustin K. Sailor

Printed or Typed Name

Director of Public Works and Utilities

Title of Authorized Signatory

March 27, 2025

Date

Exhibit #4



**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

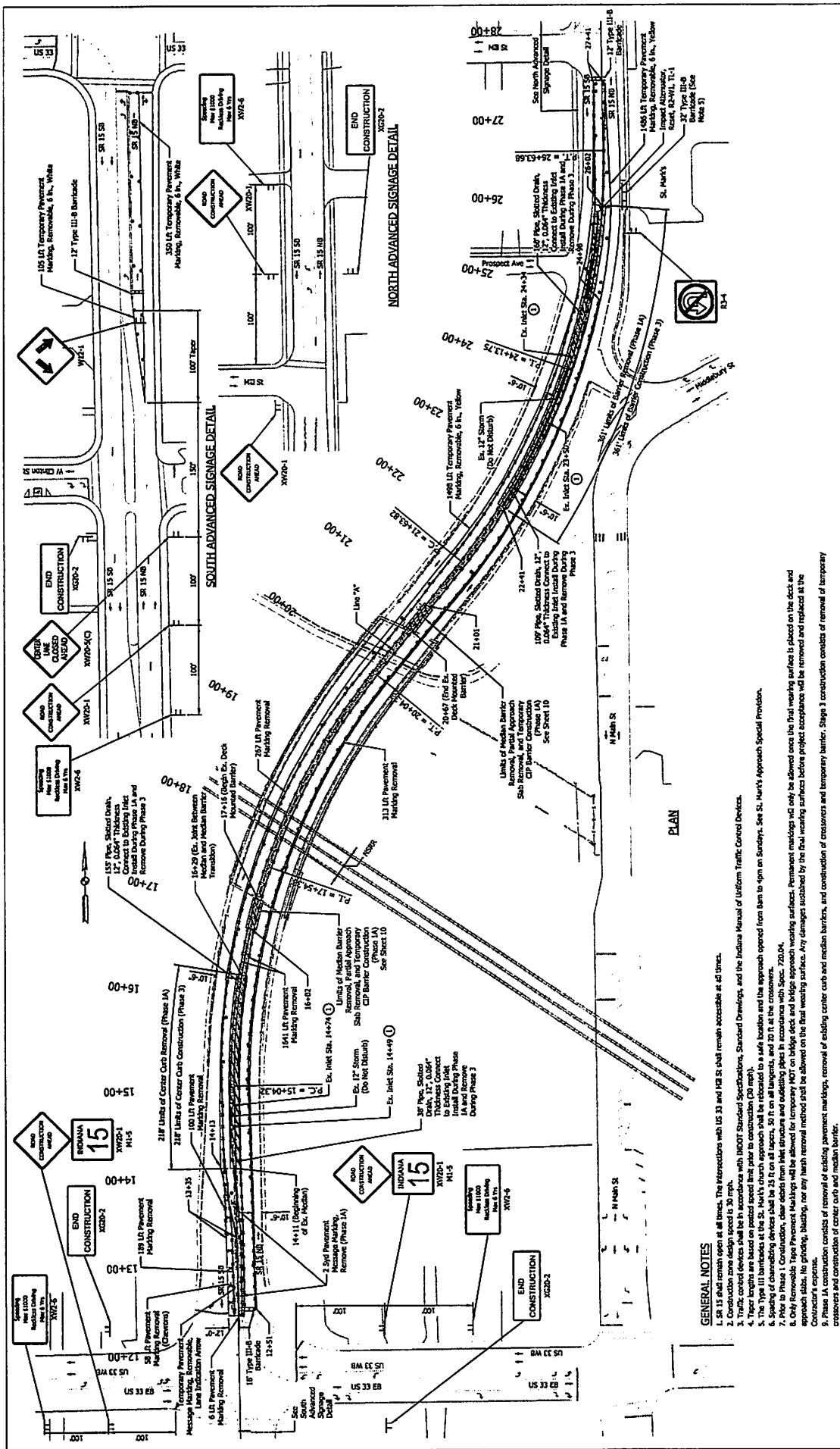
TO: Goshen Board of Public Works & Safety

FROM: Goshen Engineering

RE: **NOTIFICATION OF STATE ROAD 15 LANE CLOSURES**
(JN: 2019-0017, Des. No. 2001822)

DATE: March 27, ~~2024~~ **2025**

The engineering department received notice that INDOT is planning to complete bridge construction and a bridge deck overlay on the 3rd Street / State Road 15 bridge between US 33 and Mill Street in Goshen. In order to complete this work, lane closures will be necessary on SR 15, but one lane of traffic will be maintained in each direction. During the later phases, access will be closed from Middlebury Street onto SR 15. Work may begin as early as April 1, and is expected to continue until mid-November, 2025.



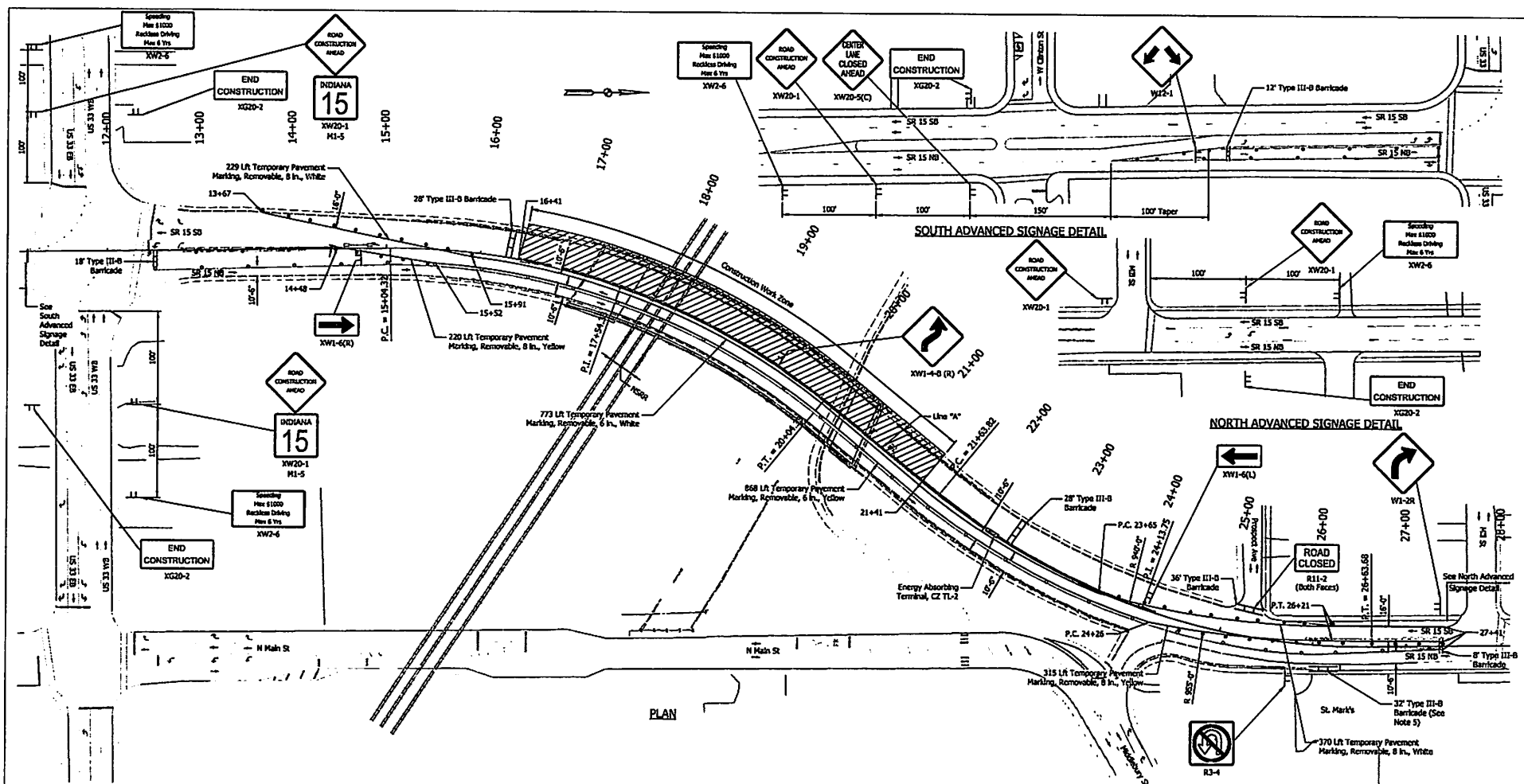
GENERAL NOTES

- SR 15 shall remain open at all times. The Intersections with US 33 and I-48 S shall remain accessible at all times.
- Construction zone design speed is 30 mph.
- Traffic control devices shall be in accordance with INDOT Standard Specifications, Standard Drawings, and the Indiana Manual of Uniform Traffic Control Devices.
- Temporary traffic control shall be in accordance with the Indiana Manual of Uniform Traffic Control Devices.
- The Type III barrier shall be 24 ft on all spans, 20 ft on all approaches, and 20 ft at the crosswalks.
- The Type III barrier shall be 24 ft on all spans, 20 ft on all approaches, and 20 ft at the crosswalks.
- Prior to Phase 1 Construction, clear debris from left structure and add debris from right structure in accordance with Sect. 720.04.
- Only Removable Type Permanent Markings will be allowed for temporary NOT on bridge deck and bridge approach wearing surface. Permanent markings will only be allowed once the final wearing surface is placed on the deck and approach slabs. No grinding, blading, nor any harsh removal method shall be allowed on the final wearing surface. Any damages sustained by the final wearing surface before project acceptance will be removed and replaced at the Contractor's expense.
- Phase 1A construction consists of removal of existing pavement markings, removal of existing center cut and median barriers, and construction of crosswalks and temporary barriers. Stage 3 construction consists of removal of temporary crosswalks and construction of center cut and median barrier.

INDIANA				INDIANA			
DEPARTMENT OF TRANSPORTATION				DEPARTMENT OF TRANSPORTATION			
MAINTENANCE OF TRAFFIC				MAINTENANCE OF TRAFFIC			
SR 15 - PHASE 1A				SR 15 - PHASE 1A			
PROJECT NO.	15-001	DESIGNER	INDOT	PROJECT NO.	15-001	DESIGNER	INDOT
CONTRACT	15-001	CONTRACTOR	INDOT	CONTRACT	15-001	CONTRACTOR	INDOT
DATE	10/1/11	DATE	10/1/11	DATE	10/1/11	DATE	10/1/11
SCALE	1" = 10'	SCALE	1" = 10'	SCALE	1" = 10'	SCALE	1" = 10'
PROJECT FILE	15-001	PROJECT FILE	15-001	PROJECT FILE	15-001	PROJECT FILE	15-001

LEGEND	CONSTRUCTION WORK ZONE	TEMPORARY PAVEMENT	CONSTRUCTION SIGN
→ Lane Direction	Construction Work Zone	Temporary Pavement	Construction Sign
• Construction Diagram			
• Type III Barrier			

15-001 (SR 15) Phase 1A

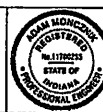


GENERAL NOTES

1. SR 15 shall remain open at all times. The intersections with US 33 and Main St shall remain accessible at all times.
2. Construction zone design speed is 30 mph.
3. Traffic control devices shall be in accordance with INDOT Standard Specifications, Standard Drawings, and the Indiana Manual of Uniform Traffic Control Devices.
4. Taper lengths are based on posted speed limit prior to construction (30 mph).
5. The Type III-I-B barricade at the St. Mark's church approach shall be relocated to a safe location and the approach opened from 8am to 4pm on Sundays. See St. Mark's Approach Special Provision.
6. Spacing of channelizing devices shall be 25 ft on all tapers, 50 ft on all tangents, and 20 ft at the crossovers.
7. Only Removable Tape Pavement Markings M-101 be allowed for temporary HOT on bridge deck and bridge approach wearing surfaces. Permanent markings will only be allowed once the final wearing surface is placed on the deck and approach slabs. No grinding, blasting, nor any harsh removal method shall be allowed on the final wearing surface. Any damages sustained by the final wearing surfaces before project acceptance will be removed and replaced at the Contractor's expense.

LEGEND

	Lane Direction		Construction Work Zone		Pavement Marking Removal
	Construction Drum		Temporary Pavement		Flexible Tubular Marker
	Type III-I-B Barricade		Construction Sign		



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ASU	6/5/24	6/5/24
CHECKED: APN	6/5/24	CHECKED: APN
	6/5/24	

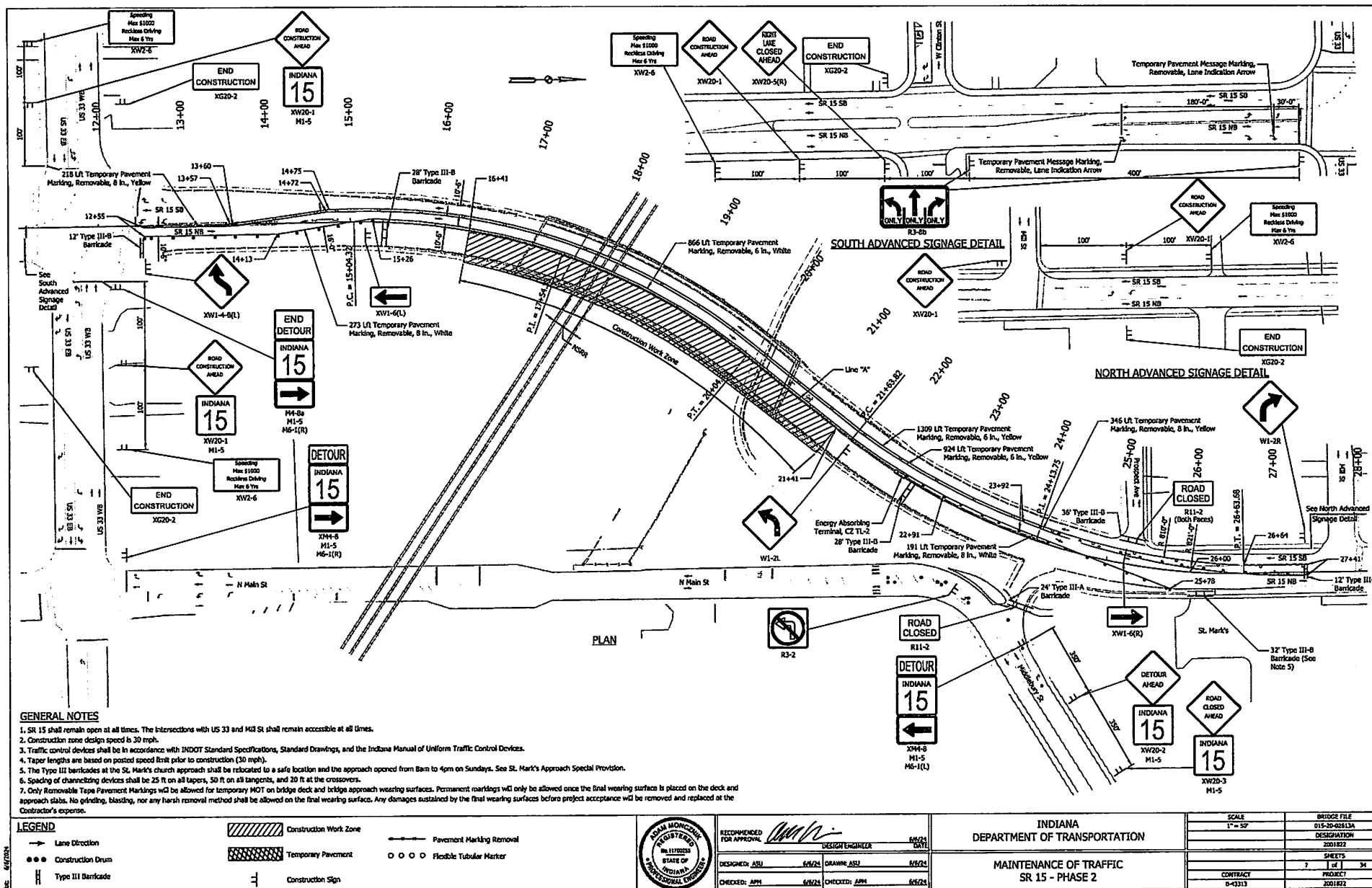
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
SR 15 - PHASE 1

SCALE	BRIDGE FILE
1" = 50'	015-30-0013A
	DESIGNATION
	2001822
	SHEETS
	8 of 34
CONTRACT	PROJECT
8-45113	2001822

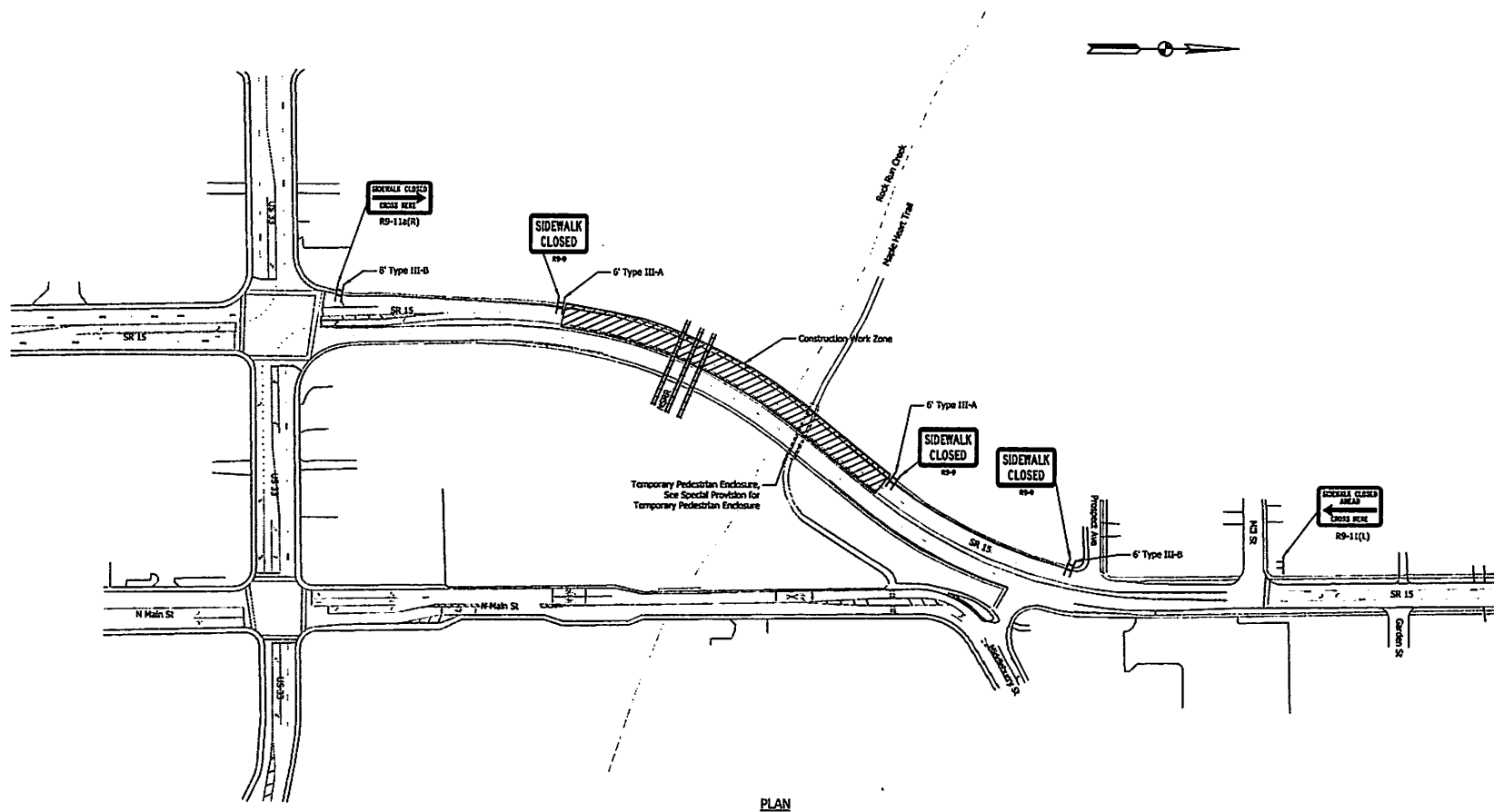
REV: 06/2024

File: 112011 HOT Phase 1.gn
Model: 112011.dwg



DATE: 6/15/24





THE 100333 MOT Phase 2
Roadwork Unleashed Sheet



PLAN

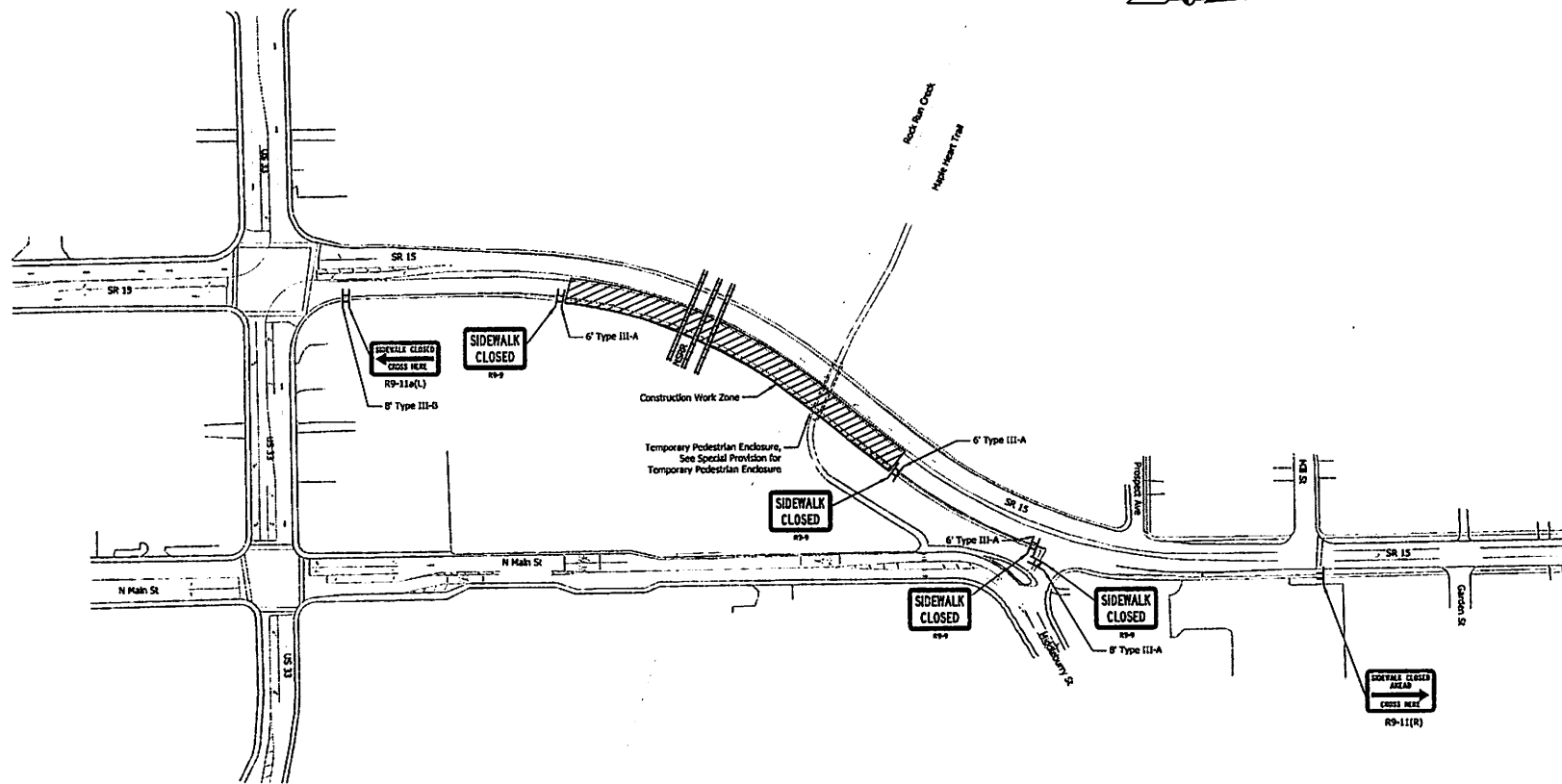
NOTES

1. Traffic control devices shall be in accordance with INDOT Standard Specifications, Standard Drawings, and the Indiana Manual of Uniform Traffic Control Devices.

LEGEND			RECOMMENDED FOR APPROVAL  6/5/24		INDIANA DEPARTMENT OF TRANSPORTATION	SCALE		BRIDGE FILE		
	Construction Sign		DESIGN ENGINEER _____ 6/5/24			1" = 100'		013-20-07635A		
	Type III Barricade		DESIGNED: ASJ 6/5/24 DRAWING: ASJ 6/5/24					DESIGNATION		
			CHECKED: APH 6/5/24 CHECKED: APH 6/5/24					2001822		
					MAINTENANCE OF TRAFFIC PEDESTRIAN DETOUR - PHASE 1			SHEETS		
								8 of 34		
						CONTRACT		PROJECT		
						0-43317		2001822		
File: 220017 DET Ldgn										

FILE: 460294

File: 200117 DRY Lign
Wood-Union Sheet



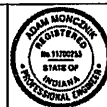
PLAN

NOTES

1. Traffic control devices shall be in accordance with INDOT Standard Specifications, Standard Drawings, and the Indiana Manual of Uniform Traffic Control Devices.

LEGEND

- Type III Barricade
- Construction Sign



RECOMMENDED FOR APPROVAL	DATE
DESIGNED BY ASU	6/1/24
CHECKED BY JPM	6/1/24
DESIGNED BY ASU	6/1/24
CHECKED BY JPM	6/1/24

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PEDESTRIAN DETOUR - PHASE 2

SCALE	BRIDGE FILE
1" = 100'	015-20-07513A
	DESIGNATION
	2001822
	SHEETS
	9 of 34
CONTRACT	PROJECT
9-43313	2001822

FILE: 6/6/2024

Plot: 5/20/24 DEL 2.dgn
Model: Unchecked sheet