Board of Public Works Meeting

February 27, 2024

The City will offer virtual options, including CATS public access television (live and tape-delayed) and

Public comments and questions will be encouraged via Zoom or bloomington.in.gov rather than in person

The City is committed to providing equal access to information. However, despite our efforts, at times, portions of our board and commission packets are not accessible for some individuals. If you encounter difficulties accessing material in this packet, please contact April Rosenberger, Public Works Departmental Accessibility contact at april.rosenberger@bloomington.in.gov or 812.349.3411 and provide your name, contact information, and a link to or description of the document or web page you are having problems with.

AGENDA
BOARD OF PUBLIC WORKS
February 27, 2024

A Regular Meeting of the Board of Public Work will be held Tuesday, **February 27, 2024 at 5:30 p.m**. in the Council Chambers (Rm #115) of City Hall at the Showers Building, 401 N. Morton Street, Bloomington, Indiana and via Zoom by using the following link
https://bloomington.zoom.us/j/89657595026?pwd=MKDZU9qV0wCWYl0MdP7DAUzbwJVkcM.1
Meeting ID: 896 5759 5026 Passcode: 002242

I. MESSAGES FROM BOARD MEMBERS

II. PETITIONS AND REMONSTRANCES

III. CONSENT AGENDA

1. **Approval of Minutes; December 05, 2023**
2. **2024 ITS Bloomington Digital Underground Advisory Committee (BDUAC) Appointments**
3. **Resolution 2024-008; Declaration of Surplus from Bloomington Police Department**
4. **Resolution 2024-009; New Mobile Vendor, Kebab on Wheels**
5. **Renewal #1 with TAPCO for Traffic Signal Inspections**
6. **Metered Parking Reservation Request from Gilliatte General Contractors on S. Grant**
7. **Intermittent Alleyway Closure Request from Mother Nature Landscaping between Madison and Morton (February 1, 2024-June 09, 2024)**
8. **Approval of Payroll**

IV. NEW BUSINESS

1. **Road and Sidewalk Closure Request from Milestone Contractors for the 3rd and Smith Project**
2. **Sidewalk Closure Request from Cardinal Hardscapes on S. Euclid**
3. **Lane and Sidewalk Closure Request from MW Builders on Gourley and Kinser Pike**
4. **Approval of Public Improvements Bond for 1100 S. Brooks Drive**
5. **Contract with Irving Material, Inc. for Concrete Materials**

V. STAFF REPORTS & OTHER BUSINESS

1. **Flow Chart for TITLE XII Right-of-Way Permits**

VI. APPROVAL OF CLAIMS

VII. ADJOURNMENT

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Auxiliary aids for people with disabilities are available upon request with adequate notice. Please call 812.349.3411 or email public.works@bloomington.in.gov

REGULAR MEETING OF THE BOARD OF PUBLIC WORKS

The Board of Public Works meeting was held Tuesday, December 5, 2023 at 5:30 pm in the Council Chambers of City Hall at 401 N. Morton St., Bloomington, Indiana and virtually through Zoom with Kyla Cox Deckard presiding.

ROLL CALL

Present: Kyla Cox Deckard
Elizabeth Karon
Jane Kupersmith

City Staff: April Rosenberger – Public Works
Adam Wason – Public Works
Aleksandrina Pratt – Legal
Colleen Newbill – Legal
Rebecca Davis – HAND
Virgil Sauder – Animal Care and Control
Mike Arnold – HAND
Jason Kerr – Engineering
Zac Rogers – Engineering
Alex Gray – Engineering

MESSAGES FROM BOARD MEMBERS

None

PETITIONS AND REMONSTRANCES

None

TITLE VI ABATEMENTS

Abatement at 1315 W. 7th St.

Rebecca Davis, HAND, presented Abatement at 1315 W. 7th St. See meeting packet for details.

Board Comments: Karon asked if Davis had any contact with the property owner. Davis said that she had interacted with someone claiming to be the owner's son and had presented him with some of the Notices of Violation. Kupersmith asked how HAND was made aware of the property. Davis said she observed it during a regular patrol of her assigned area.

Karon made a motion to approve the Abatement at 1315 W. 7th St. Kupersmith seconded. Cox Deckard took a roll call vote, all in favor, motion is passed.

CONSENT AGENDA

1. Request for Dumpster Placement from Hokanson Construction at N. Pete Ellis Dr.
2. Resolution 2023-79; Renew Mobile Vendor, Pili's Party Truck #1
3. Resolution 2023-80; Renew Mobile Vendor, Pili's Party Truck #2
4. Resolution 2023-82; New Mobile Vendor, Filipino Fusion, LLC.
5. 2024 Funding Agreement with CATS
6. 2024 PEG Content Provider Agreement with MCPL
7. 2024 PEG Content Provider Agreement with WTIU
8. 2024 BDU Use Agreements with MCCSC, MCPL, and Monroe County Government
9. 2024 Service Agreement with Koorsen Fire & Security
10. 2024 Service Agreement with Strauser Construction
11. 2024 Service Agreement with Tabor Bruce Architecture & Design
12. 2024 Service Agreement with Thrasher Landscaping
13. 2024 Service Agreement with Trinkle Snowplowing

14. 2024 Service Agreement with Umphress Masonry
15. 2024 Service Agreement with Vet Environmental
16. Renewal of Asphalt Materials Contract with E & B Paving, Inc., (Primary) & Milestone Contractors (Secondary)
17. Implementation of Cityworks Asset Management Software System
18. Approval of Payroll

Karon made a motion to approve the Consent Agenda. Kupersmith seconded. Cox Deckard took a roll call vote, all in favor, motion is passed.

NEW BUSINESS

MOU for Monroe County Humane Association Lease Buyout

Aleksandrina Pratt, Legal, presented MOU for Monroe County Humane Association Lease Buyout. See Meeting Packet for details.

Board Comments: Cox Deckard asked how the parties arrived at the amount of $95,000 for payment. Pratt said the amount was negotiated from the estimate of $100,000 down to $95,000. Cox Deckard asked if all outstanding modifications to the structure had been addressed or if that was part of the negotiations. Virgil Sauder, Animal Care and Control, responded that all modifications had been made previously, and the negotiated amount of $95,000 was based off their original lease amount of $100,100.

Karon made a motion to approve MOU for Monroe County Humane Association Lease Buyout. Kupersmith seconded. Cox Deckard took a roll call vote, all in favor, motion is passed.

Resolution 2023-81; Uphold Order to Vacate & Order to Remove at 410-414 S. Walnut St.

Mike Arnold, HAND, presented Resolution 2023-81; Uphold Order to Vacate & Order to Remove at 410-414 S. Walnut St. See meeting Packet for details. Arnold stated that there has been an Order to Seal on the properties for over two years, and due to safety concerns from the Fire and Police Departments, HAND was requesting an Order to Remove. Arnold said that HAND had reached an agreement with the owner regarding keeping the properties in compliance, and asked that the Board uphold that Order in the event that it would be needed in the future.

Board Comments: Kupersmith asked if the Orders should be upheld even though there was an agreement with the owner regarding compliance. Arnold said yes, if the required work on the properties was not feasible, HAND wanted the Orders in place so they could move forward with the properties rather than starting over. Kupersmith asked if one of the structures was historic. Arnold said yes, one of the structures was contributing as a historic property, and HAND had the Order to Seal in place for so long because an Order to Remove would have to go before the Historic Preservation Commission.

Karon asked that HAND staff keep the Board updated if the Order was upheld.

Cox Deckard asked about the timeline for removal as it was currently stated in the Order. Arnold said that the timeline was 60 days, and added that the state law for unsafe structures was between 10 and 60 days. Arnold said that as long as things were moving forward, the City could be flexible on the timeline. Cox Deckard asked about the deadline for ensuring the property was in compliance. Arnold said the deadline was December 8 for having the properties sealed and having a conversation about adding security to the properties, and said there was a December 15 deadline for having a timeline for making the properties habitable.

The attorney for the property owner, Jason McCauley (sp?), commented that he and the property owner had been in steady communication with the City and they wanted to be in full compliance. McCauley said that they intended to take down the property at 414 S. Walnut St., which is not contributing as a historic property, and they intended to keep the

property at 410 S. Walnut St. McCauley said they would consider removing both properties if that were a cost-effective option. McCauley asked the Board to modify the Order for Removal at 414 to be extended by 30 days to February 16, 2024, and to continue the Order for Removal for 410-412 to the regular Board meeting scheduled for January 16, 2024 so they could obtain estimates. McCauley said they would commit to completing work by March 31, 2024, and to providing security.

Kupersmith asked about staff recommendations and what was allowable in regards to McCauley's requests. Arnold stated that he was unsure of the process to amend the Orders, and added that HAND would be agreeable to the extensions provided the properties remained sealed and that security would be hired. Colleen Newbill, Legal, said that there was space within the Resolution to modify the dates, and that the hearing authority (the Board) did have the authority to extend the dates if they found good cause. Karon asked Arnold for his recommendation, and Arnold said he would need approval from the HAND Director. Cox Deckard said that she would be concerned about granting the extensions, given the history of the property being out of compliance and the stated safety concerns from the Fire Department. Kupersmith said that, given the cooperation and communication between HAND and the property owner, perhaps they could offer the extensions at a later date. Cox Deckard asked if they would be allowed to modify the Orders at a later date. Newbill said that would be allowable and added that there would be separate Orders for each property. Newbill also said the Unsafe statute allowed them to recall and reissue an Order if needed. Karon expressed concern about changing the Order without the approval of the HAND Director. McCauley asked for a continuance to the next Board meeting to allow the HAND Director to review the situation. Cox Deckard asked if the continuance would change how the case is handled or if it would just affect the window to make the decision. Arnold said it would just affect the window to make the decision. Karon expressed concern about granting a continuance given the safety issues cited by BFD. Arnold said that the safety concerns had been partially remedied and that the outstanding concerns could be addressed and would not be as concerning if the property remains sealed. Cox Deckard asked if the Board would need to uphold the Order so that HAND staff could take action. Arnold said yes. Cox Deckard asked if the City was planning to remove the structure before December 19. Arnold said no. Cox Deckard asked if they needed Board approval before proceeding with the removal. Newbill said there is an existing Order to Seal, and an Order to Vacate, and they would need the Board's approval before acting on either of those, and the Board could continue the Order to Remove to the next meeting if they wanted. Karon asked to clarify which property would receive which Orders. Newbill said the Board would be upholding the Order to Vacate for both properties, and the Order to Remove would be for both properties.

Karon made a motion to approve Resolution 2023-81; Uphold Order to Vacate 410-414 S. Walnut St., and to continue the Order to Remove at 410-414 S. Walnut St. to the following Board meeting. Kupersmith seconded. Cox Deckard took a roll call vote, all in favor, motion is passed.

Contract with Crider & Crider, Inc. for the Adams Street Sidewalk Project

Jason Kerr, Engineering, presented Contract with Crider & Crider, Inc. for the Adams Street Sidewalk Project. See Meeting Packet for details.

Board Comments: Kupersmith expressed gratitude for the project addressing a public need.

Karon made a motion to approve Contract with Crider & Crider, Inc. for the Adams Street Sidewalk Project. Kupersmith seconded. Cox Deckard took a roll call vote, all in favor, motion is passed.

Contract with Crider & Crider, Inc. for the Moores Pike SE/Park Trail Improvements Project

Zac Rogers, Engineering, presented Contract with Crider & Crider, Inc. for the Moores Pike SE/Park Trail Improvements Project. See Meeting Packet for details.

Board Comments: Karon asked if the project would affect the Covenanter Cemetery. Rogers said no.

Karon made a motion to approve Contract with Crider & Crider, Inc. for the Moores Pike SE/Park Trail Improvements Project. Kupersmith seconded. Cox Deckard took a roll call vote, all in favor, motion is passed.

Lane and Sidewalk Closure Request from AEG

Alex Gray, Engineering, presented Lane and Sidewalk Closure Request from AEG. See Meeting Packet for details.

Board Comments: Karon asked if the communication issues with AEG regarding damage to properties had been resolved. Gray said yes.

Karon made a motion to approve Lane and Sidewalk Closure Request from AEG. Kupersmith seconded. Cox Deckard took a roll call vote, all in favor, motion is passed.

Road Closure Request from City of Bloomington Utilities at 401 E. 4th St.

Alex Gray, Engineering, presented Road Closure Request from City of Bloomington Utilities at 401 E. 4th Street. See Meeting Packet for details.

Board Comments: Cox Deckard expressed thanks for planning the closure during a school break that would minimize disruption.

Karon made a motion to approve Road Closure Request from City of Bloomington Utilities at 401 E. 4th St. Kupersmith seconded. Cox Deckard took a roll call vote, all in favor, motion is passed.

STAFF REPORTS AND OTHER BUSINESS

None

APPROVAL OF CLAIMS

Board Comments: Cox Deckard asked if there were two sets of claims to approve. April Rosenberger, Public Works, said yes, there was an additional set of claims from the previous meeting which were not approved.

Karon made a motion to approve claims from the register dated 11/22/23 in the amount of $909,350.99. Kupersmith seconded. Cox Deckard took a roll call vote, all in favor, motion is passed.

Karon made a motion to approve claims from the register dated 12/8/23 in the amount of $2,979,710.99. Kupersmith seconded. Cox Deckard took a roll call vote, all in favor, motion is passed.

ADJOURNMENT

Cox Deckard called for adjournment at 6:12 p.m.

MEMORANDUM

TO: Board of Public Works
FROM: Rick Dietz
SUBJECT: 2024 ITS BDUAC Appointments
DATE: 02/13/2024
CC: Audrey Brittingham

Board of Public Works Members,

I have a few Bloomington Digital Underground Advisory Committee (BDUAC) appointment recommendations for your consideration.

2024 BDUAC Appointments

The BDU Advisory Committee advises the City on management of the BDU (the City's fiber optic network), related City telecommunications and IT infrastructure investments, and strategic IT initiatives. I am pleased to request reappointment to the BDU Advisory Committee the following individuals currently serving:

- Marianne Chitwood, Executive Director of the I-Light Network and the Indiana GigaPOP at Indiana University [BPW-4].
- Michelle Cole, Partner in venture studio, Paragraph Studio, LLC, [BPW-5], and
- Dr. Mike Sullivan, [Former/retired] Chief Executive Officer of HealthLINC [BPW-3].

We believe these individuals will make valuable contributions to the City's technology deliberations and related infrastructure initiatives through service on the BDUAC. We are grateful to have such skilled and dedicated individuals interested in serving our community.

Thank you for your consideration of these appointments.

Warm regards,

Rick Dietz, Director
Information & Technology Services
City of Bloomington
dietzr@bloomington.in.gov

Marianne Chitwood: As Executive Director for the I-Light Network and the Indiana GigaPOP. Marianne has responsibility for the management and deployment of the I-Light fiber network throughout the state of Indiana and has deployed over 30 POP's and amplification sites throughout the network. She has also been responsible for building last mile dark fiber to every college and university in the State. Additionally, Marianne co-authored with Zayo Bandwidth a grant proposal under the Federal BTOP

program which was awarded 34 Million dollars to deploy fiber to 21 Ivy Tech campuses throughout the state. This project brought broadband to underserved communities across Indiana. Marianne also serves as Executive Director for Client Services for the GlobalNOC at Indiana University directing the 24x7x365 Network Operations Center and the GlobalNOC's Business Development and Project Management teams.

Michelle Cole is a Partner in venture studio, Paragraph Studio, LLC, a firm that builds and backs scalable software companies. A technology executive with a background in software product management, Michelle led Envisage Technologies from a late startup through their growth and sale to Vector Solutions. She has experience in all facets of building software companies including marketing, development, project and product management, quality assurance, infrastructure and customer care. She is a strong proponent of agile development, usable design and chaos reduction. With formal education in psychology, sociology and information technology, she focuses on hiring and software development processes. She has succeeded in transforming both Fortune 1000 and small entrepreneurial companies to agile development.

Michael Sullivan, M.D. received his BA degree in biophysics from the Johns Hopkins University and his MD degree from the University of Kansas. After moving to Bloomington, IN in 1979, he practiced emergency medicine for fifteen years and was the co-founder and CEO of the PromptCare clinics. Dr. Sullivan also worked as a medical software developer and health IT consultant focused on health networks. He directed Health Sciences for Internet2, assisting researchers at leading universities, research institutes, and government agencies including NIH, CDC, NSF, DOE, and the FCC. He also served as the CEO of the HealthLINC Health Information Exchange based in Bloomington.

Accepted By:

_____
Kyla Cox Deckard, President

_____
Elizabeth Karon, Vice President

_____
James Roach, Secretary

Date: Attest to:

Board of Public Works
Staff Report

Project/Event:	Disposal of Surplus Items by the City of Bloomington Police Department
Staff Representative:	Zach Weisheit
Date:	February 27, 2024

Report:

The Bloomington Police Department has a stock of brass shell casing and projectile lead that cannot be re-used.

Recommendation and Supporting Justification:

Under Indiana Code § 5-22-22-7, permits the City of Bloomington Board of Public Works to declare the property surplus for purposes of disposal and, if the property may be recycled and has been collected in conjunction with a recycling program, to sell the surplus property at a private sale or transfer the property.

Recommend ☒ **Approval** ☐ **Denial by: Zach Weisheit**

RESOLUTION 2024-008
TO DESIGNATE SURPLUS PROPERTY FOR TRANSFER

WHEREAS, the City of Bloomington Police Department is in possession of three 55-gallon barrels of brass shells and two 55-gallon barrels of range lead, which are scrap metal and may be recycled; and

WHEREAS, the City of Bloomington Police Department wishes to sell the surplus property to a scrap metal recycling company; and

WHEREAS, Indiana Code § 5-22-22-7, permits the City of Bloomington Board of Public Works to declare the property surplus for purposes of disposal and, if the property may be recycled and has been collected in conjunction with a recycling program, to sell the surplus property at a private sale or transfer the property.

NOW, THEREFORE, be it hereby resolved by the City of Bloomington Board of Public Works that:

1. The City of Bloomington property described is hereby declared surplus.

2. The City of Bloomington Police Department shall sell the items described using a recycling program within thirty (30) days of this Resolution being signed by the City of Bloomington Board of Public Works.

SO PASSED AND ADOPTED this ____ day of _____, 2024, by the City of Bloomington Board of Public Works

_____
Kyla Cox-Deckard, President

City of Bloomington

Disposal / Surplus / Trade In Form

1331

PAGE NO. 1 of 1

DEPT: Police Dept.

DATE: 2/9/2024

LOCATION: 220 E. 3rd St.

PHONE: 812-339-4477

DEPT. HEAD: Mike Diekhoff, Chief

EMAIL: Weisheit, Rangemaster, weisheiz@bloomington.in.gov

DESCRIPTION (List Make, Model, and Year)	QTY	DECLARATION REASON (works, needs repair, not repairable,etc)	SERIAL /VIN NO.	COB ASSET #	DISPOSITION REQUESTED (Please check one)	NAME OF VENDOR/PERSON OR COMPANY THE ITEM WAS SURPLUSED OR TRADED TO	ESTIMATED VALUE	SURPLUS DATE
1. 55 gallon barrel (1000-1200 lbs of brass shells	3	Spent, used.			☑ Sell ☐ Trade ☐ Transfer ☐ Dispose	Bloomington Iron & Metal	$1900 / barrel +/-	02/09/24
2. 55 gallon barrel (1200-1500 lbs of range lead	2	Spent, used.			☑ Sell ☐ Trade ☐ Transfer ☐ Dispose	Bloomington Iron & Metal	$350 / barrel +/-	02/09/24
3.					☐ Sell ☐ Trade ☐ Transfer ☐ Dispose			
4.					☐ Sell ☐ Trade ☐ Transfer ☐ Dispose			
5.					☐ Sell ☐ Trade ☐ Transfer ☐ Dispose			
6.					☐ Sell ☐ Trade ☐ Transfer ☐ Dispose			
7.					☐ Sell ☐ Trade ☐ Transfer ☐ Dispose			
8.					☐ Sell ☐ Trade ☐ Transfer ☐ Dispose			
9.					☐ Sell ☐ Trade ☐ Transfer ☐ Dispose			
10.					☐ Sell ☐ Trade ☐ Transfer ☐ Dispose			
11.					☐ Sell ☐ Trade ☐ Transfer ☐ Dispose			
12.					☐ Sell ☐ Trade ☐ Transfer ☐ Dispose			
13.					☐ Sell ☐ Trade ☐ Transfer ☐ Dispose			
14.					☐ Sell ☐ Trade ☐ Transfer ☐ Dispose			
15.					☐ Sell ☐ Trade ☐ Transfer ☐ Dispose			
16.					☐ Sell ☐ Trade ☐ Transfer ☐ Dispose			

BLOOMINGTON IRON METAL, INC.

Historical Purchase Activity for period 12/2/2020 thru 2/8/2024 by Client

Customer	Product	Weight	Cost	Trans	Wt/Trans	Cost/CWT	Tr-Date	V#	Tkt#	Ck/Cash
161187	BLOOMINGTON POLICE DEPT.									
A21	SHREDDER SCRAP	1,360	119.00	1	1,360	8.7500	1/25/2021	6	263	12440
D80	OLD SHEET ALUM	460	138.00	1	460	30.0000	1/25/2021	6	263	12440
D05	#2 HEAVY MELT	120	16.80	1	120	14.0000	4/30/2021	20	689	13302
D05	#2 HEAVY MELT	70	10.50	1	70	15.0000	8/3/2021	15	267	14429
A21	SHREDDER SCRAP	80	7.20	1	80	9.0000	8/3/2021	15	267	14429
D37	ALUM BREAKAGE	48	6.24	1	48	13.0000	8/3/2021	15	267	14429
D37	ALUM BREAKAGE	14	1.82	1	14	13.0000	8/3/2021	15	267	14429
D48	OLD 18-8 SS	5	2.50	1	5	50.0000	8/3/2021	15	267	14429
D71	#2 COPPER	4	12.00	1	4	300.0000	8/3/2021	15	267	14429
L74	#2 INS CU--LOW GRADE	3	1.95	1	3	65.0000	8/3/2021	15	267	14429
D80	OLD SHEET ALUM	29	11.60	1	29	40.0000	8/3/2021	15	267	14429
X52	BRASS SHELLS	588	970.20	1	588	165.0000	12/27/2021	7	449	15877
E97	RANGE LEAD	1,513	484.16	1	1,513	32.0000	12/27/2021	7	449	15877
X52	BRASS SHELLS	554	1,024.90	1	554	185.0000	5/19/2022	6	754	17196
E97	RANGE LEAD	1,326	397.80	1	1,326	30.0000	5/19/2022	6	754	17196
A05	#2 HEAVY MELT	178	15.13	1	178	8.5000	8/31/2022	16	244	18015
D70	#1 COPPER	8	21.60	1	8	270.0000	8/31/2022	16	244	18015
E70	BARE/BRITE COPPER	51	140.25	1	51	275.0000	8/31/2022	16	244	18015
D71	#2 COPPER	11	27.50	1	11	250.0000	8/31/2022	16	244	18015
A75	ELEC MOTORS	280	42.00	1	280	15.0000	8/31/2022	16	244	18015
X52	BRASS SHELLS	1,157	1,909.05	1	1,157	165.0000	2/28/2023	24	190	19166
E97	RANGE LEAD	1,179	353.70	1	1,179	30.0000	2/28/2023	24	190	19166
	Report Totals:	9,038	5,713.90	22						

3x BRASS

2x LEAD

CITY OF BLOOMINGTON
ECONOMIC AND SUSTAINABLE DEVELOPMENT

Project/Event:	Mobile Vendor in Right of Way
PW Resolution No:	2024-09
Petitioner/Representative:	Mustafa Nawab, Owner of Kebab on Wheels
Staff Representative:	Susan Coates
Meeting Date:	02/27/2024

Kebab on Wheels, by its owner, Mustafa Nawab, has applied for a Mobile Vendor License to operate a food truck/trailer. An applicant wanting to operate in the right of way must obtain permission from the Board of Public Works before a license may be issued. The Department of Economic & Sustainable Development has reviewed the application and will confirm that all rules and regulations have been met prior to issuing a license.

The business will be selling food via a mobile kitchen food truck or trailer.

This application is for 1 year.

Staff is supportive of the request.

RESOLUTION 2024-09
CITY OF BLOOMINGTON
BOARD OF PUBLIC WORKS
Mobile Vendor in Public Right of Way
Kebab on Wheels

WHEREAS, the Board of Public Works is empowered by Indiana Code § 36-9-6-2 to supervise the streets, alleys, sewers, public grounds, and other property of the City of Bloomington ("City");

WHEREAS, Kebab on Wheels ("Vendor"), is seeking a Mobile Vendor License under Bloomington Municipal Code 4.28;

WHEREAS, the issuance of a Mobile Vendor License under Bloomington Municipal Code 4.28 requires Vendor to submit documentation to the City—set forth at Bloomington Municipal Code 4.28.050—including an independent safety inspection, an open burn permit issued by the City of Bloomington Fire Department, and all applicable permits required by the Monroe County Health Department;

WHEREAS, Vendor has agreed to the Standards of Conduct set forth in Bloomington Municipal Code 4.28.160 and signed the Release, Hold-Harmless, and Indemnification Agreement as required by Bloomington Municipal Code 4.28.090;

WHEREAS, Vendor desires to be able to use "City property" as defined in Bloomington Municipal Code 4.28.010, which includes public on-street parking, on a temporary and transient basis for the purpose of selling food via a mobile kitchen food truck or trailer; and

WHEREAS, under the Bloomington Municipal Code, approval to use public on-street parking and sidewalks is provided by the Board of Public Works via resolution;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF PUBLIC WORKS THAT:

1. Vendor has permission to use on-street public parking and sidewalks, on a temporary and transient basis, for the purposes of selling food via a mobile kitchen food truck or trailer for 1 year beginning 3/1/2024, and ending on 3/1/2025.

2. For the avoidance of doubt, this Resolution is not the Business License referenced by Chapter 4.28 of the Bloomington Municipal Code. Thus, Vendor must ensure that all necessary documentation has been submitted to the City of Bloomington Controller and that the Business License has been issued by the City of Bloomington Controller before utilizing the permission to use on-street public parking and sidewalks granted in the paragraph above. Operating a mobile vendor without a business license is a violation of Bloomington Municipal Code 4.28.180(a)(1), and would subject Vendor to a fine of $2,500 for the first offense.

3. For the avoidance of doubt, the following conditions—which in some instances may mirror those that exist under Title 4.28 of the Bloomington Municipal Code—attach to this approval:

   a. Vendor agrees to maintain a clear five-foot path for pedestrians on the sidewalk at all times.
   b. Vendor will have obtained a valid Mobile Vendor license issued by the City of Bloomington Controller prior to operation on City property, and will maintain a valid Mobile Vendor license throughout the term of Vendor's operation on City property.
   c. Vendor may locate his business in a public parking space within a reasonable time, no more than one hour, before the vendor begins selling food to persons. Vendor must still comply with all other restrictions regarding its location in a public parking space.

d. Vendor shall remove his business from a public parking space within a reasonable time, no more than one hour, following the time the vendor has stopped selling food to persons. Vendor must still comply with all other restrictions regarding its location in a public parking space.

e. Vendor will comply with all other laws, ordinances, rules and regulations in effect at the time it conducts their business, including, but not limited to: (1) Bloomington Municipal Code 4.28 (Mobile Vendors), and (2) all City parking regulations, restrictions, and ordinances.

f. Vendor is prohibited from operating within a one block radius of a Special Event, unless prior approval has been granted by either the operator of the Special Event or the City's Board of Public Works. The Board of Public Works is not required to provide specific notice to Vendor when it recognizes a Special Event. The following are Special Events that have been recognized by the Board of Public Works:

1) City of Bloomington Farmers' Market;
2) City of Bloomington Holiday Market;
3) The Taste of Bloomington;
4) Lotus World Music and Arts Festival;
5) The Fourth Street Festival;
6) Arts Fair on the Square;
7) Strawberry Festival;
8) Canopy of Lights;
9) Fourth of July Parade; and
10) Any other special events approved by the City Controller.

ADOPTED THIS THE 26th DAY OF FEBRUARY 2024.

BOARD OF PUBLIC WORKS:

_____
Kyla Cox Deckard, President

_____
Elizabeth Karon, Vice President

_____
James Roach, Secretary

ALL TERMS AND CONDITIONS CONTAINED IN THIS RESOLUTION 2024-09 ARE ACCEPTABLE AND AGREED TO BY VENDOR:

_____ Date: _____
Mustafa Nawab

BPW-2/26/24.

Date: 12/21/2023

Kebab on Wheels.
Res-24-09.

MOBILE VENDOR LICENSE APPLICATION

CITY OF BLOOMINGTON

City of Bloomington
Department of Economic and Sustainable Development
401 N. Morton St. Suite 150
Bloomington, Indiana 47404
812-349-3418

1. License Length and Fee Application

Length of License:	☐ 24 Hours	☐ 3 Days	☐ 7 Days	☐ 30 Days	☐ 3 Months	☐ 6 Months	☑ 1 Year
License Fee:	$25	$30	$50	$75	$150	$200	$350

Pd CK#15470

2. Applicant Information

Name:	Mustafa Nawab		
Title/Position:	CEO		
Date of Birth:	01/12/1990		
Address:	4748 E Donington Dr		
City, State, Zip:	Bloomington, IN, 47401		
E-Mail Address:	nawab46@hotmail.com		
Phone Number:	812-360-5387	Mobile Phone:	812-360-5387

3. Indiana Contact Information (For non-residents only)

If applicant is not a resident of Indiana, they must designate a resident to serve as a contact.			
Name:			
Address:			
City, State, Zip:			
E-Mail Address:			
Phone Number:		Mobile Phone:	

Received in ESD
FEB 14 2024

4. Company Information

Name of Employer:	Mustafa Nawab				
Address of Employer:	4748 E Donington Dr				
City, State, Zip:	Bloomington, IN, 47401				
Employment Start Date:	01/01/2024	End Date (If known):	N/A		
Phone Number:	812-360-5387				
Website / Email:	nawab46@hotmail.com				
Company is a:	■ Limited Liability Corporation (LLC)	☐ Corporation	☐ Partnership	☐ Sole Proprietor	☐ Other:

5. Company Officer Information

Provide the names and addresses of all principal officers, partners, trustees, owners or other persons with controlling interests in the company.

Name	Address
Mustafa Nawab	4748 e donington dr bloomington IN 47401

6. Company Incorporation Information (For Corporations and LLCs Only)

Date of incorporation or organization:	01/01/2024
State of incorporation or organization:	Indiana
(If Not Indiana) Date qualified to transact business in state of Indiana:	

7. Description of product or service to be sold and any equipment to be used

Planned hours of operation:	11am-10pm	
Place or places where you will conduct business (If private property, attach written permission from property owner):	food truck friday, special events, kirkwood ave	
Scaled site plan showing the location of the proposed mobile food vendor unit and the properties' drives, parking access aisles, fire lanes, sidewalks and accessible routes.	Please Attach	
Have you had a similar license, either from the City of Bloomington, or a different municipality, revoked?	Yes ☐	No ■
(If Yes) Provide details		

Mobile Vendor Check-list

Kebabs on Wheels
Res-24-09.

8. You are required to secure, attach, and submit the following:

☑	A copy of the Indiana registration for the vehicle
☑	Copy of a valid driver's license
☑	Copy of an Indiana Driver's Record and/or equivalent of whatever State has issued the applicant his/her driver's license
☑	Proof of an independent safety inspection of all vehicles to be used in the business
☑	Proof of insurance in accordance with the limits described in Section 4.28.090 of the Bloomington Municipal Code: • Personal Injury: $100,000.00 per occurrence and $300,000 in the aggregate • Property Damage: $25,000.00 per occurrence and $50,000.00 in the aggregate
☑	Release of liability wherein the Applicant agrees to indemnify and hold harmless the City of Bloomington for losses or expenses arising out of the operation of his/her business.
☑	A copy of the business's registration with the Indiana Secretary of State.
☑	A copy of the Employer ID number
☑	A signed copy of the Prohibited Location Agreement
☑	A signed copy of the Standards of Conduct Agreement
☑	Fire inspection (if required)
☑	Picture of truck or trailer
☐	Copy of all applicable permits required by the Monroe County Health Department, including but not limited to a Food Service Establishment License or a Certified Food Handler

For City Of Bloomington Use Only

Date Received:	Received By:	Date Approved:	Approved By:
Received in ESD FEB 14 2024	Koala	2/21/24	

2/21/24
* Mustafa is signed up to take the FOOD HANDING Test next month (Mar. 2024) Health Dept. (Jeff) Gave OK to issue City licence w/ Current Docs. Still Need the Monroe County Health permits when Available.

John Hamilton
Mayor
CITY OF BLOOMINGTON
401 N. Morton St Suite 130
P.O. Box 100
Bloomington, Indiana 47402

DEPARTMENT OF ECONOMIC
& SUSTAINABLE DEVELOPMENT
p. 812.349.3418
f. 812.349.3520

RELEASE, HOLD-HARMLESS AND INDEMNIFICATION AGREEMENT

The undersigned, in consideration for the issuance of a license by the City of Bloomington Controller, agrees to the following:

1. The undersigned, in exchange for the issuance of a license by the City of Bloomington Controller, agrees to release, hold harmless, and forever indemnify the City of Bloomington and any and all City employees, officers, and agents from any claim or claims which may arise out of any incident connected with or in any way related to his/her issuance of a license by the City of Bloomington or his/her operation of a business which was licensed by the City of Bloomington. This includes claims for personal injury, death, property damage, and/or any other type of harm or injury.

2. The undersigned shall, and hereby does, indemnify, defend, and hold harmless the City of Bloomington and any and all City employees, officers, and agents from and against any and all actions, costs, claims, suits, losses, expenses or damages, including but not limited to attorneys' fees and court costs, arising out of the undersigned's operation of a business which has been licensed by the City of Bloomington.

3. The undersigned understands this release binds him/herself, his/her spouse, and all heirs, executors, partners, co-owners and administrators of those individuals.

The undersigned acknowledges that he/she has read this release and understands all of its terms. The undersigned signs this release voluntarily and with full knowledge of its significance.

Mustafa Nawab

Name, Printed

Mustafa Nawab Digitally signed by Mustafa Nawab Date: 2023.12.21 03:14:37 -05'00'

Signature

12/21/2023

Date Release Signed

John Hamilton
Mayor
CITY OF BLOOMINGTON
401 N. Morton St Suite 130
P.O. Box 100
Bloomington, Indiana 47402

DEPARTMENT OF ECONOMIC
& SUSTAINABLE DEVELOPMENT
p. 812.349.3418
f. 812.349.3520

Prohibited Location Agreement

Bloomington Municipal Code Section 4.28.140 prohibits Mobile Vendor Units from operating in certain locations. This Agreement provides for all of the prohibited locations. Two maps are also attached to this Agreement. All signatories to this Agreement are required to review not only this Agreement, but also the attached maps prior to signing this Agreement.

As a licensed Mobile Vendor Unit, I understand and agree that I cannot and will not operate my mobile vendor unit in a manner that would violate any of the below-listed location restrictions:

No mobile food vendor unit shall locate in any parking lot, parking space, or parking facility owned, leased or managed by the City of Bloomington unless approval has been given by the City's Board of Public Works.

No mobile food vendor unit shall operate within fifty feet of any facade of a ground level establishment that also sells food or beverages, or operate within fifty feet of the perimeter of such an establishment's outdoor seating area, regardless of whether or not the mobile food vendor unit is currently conducting business. The distance restriction only applies from one hour before the opening time to an hour after the closing time posted by a ground level establishment on the facade of its building.

No mobile food vendor unit shall locate in an alleyway.

Mobile food vendor units shall be located a reasonable distance from all posted bus stops, crosswalks, driveways, alleyways, right-of-way lines of two or more intersecting streets and building entrances or walk-up windows.

Mobile food vendor units shall only be located on private property if the private property owner has provided both the business operator and the City written permission for the mobile food vendor unit to locate on said property.

No mobile food vendor unit shall locate within a one block radius of a Special Event unless prior approval has been granted by either the operator of the Special Event or the City's Board of Public Works.

No mobile food vendor unit shall park on City property in violation of any City parking regulation, restriction, or ordinance. For example, if parking at one, or multiple, parking meters, the operator of the mobile food vendor unit shall feed all relevant parking meters with the required monetary amount.

No mobile food vendor unit shall be located in a manner which would significantly impede or prevent the use of any City of Bloomington property, or which would endanger the safety or property of the public.

No mobile food vendor unit shall be located within fifteen feet of any fire hydrant.

No mobile food vendor shall locate within any zoning district except the following: Commercial General; Commercial Arterial; Commercial Downtown; Industrial General; Business Park; and Institutional.

No mobile food vendor operating on private property shall displace required parking or landscaping nor block any drives, parking access aisles, fire lanes, sidewalks, or accessible routes required for the private parking by the City's zoning code.

No mobile food vendor unit shall be located more than one foot away from the curb of the street on which it is parked.

No mobile food vendor unit shall park near an intersection and in a manner that blocks the line-of-sight of drivers using adjacent roadways.

I, the undersigned, understand that if I locate my mobile vendor unit in any of the above-described prohibited locations or manner that I subject myself to fines and possible revocation of my Mobile Vendor Unit License, as so described in Chapter 4.28 of the Bloomington Municipal Code.

Vendor:

Name: Mustafa Nawab

Signature: Mustafa Nawab Digitally signed by Mustafa Nawab Date: 2023.12.21 03:15:34 -05'00'

Date: 12/21/2023

John Hamilton
Mayor
CITY OF BLOOMINGTON
401 N. Morton St Suite 130
P.O. Box 100
Bloomington, Indiana 47402

DEPARTMENT OF ECONOMIC
& SUSTAINABLE DEVELOPMENT
p. 812.349.3418
f. 812.349.3520

Standard of Conduct Agreement

Bloomington Municipal Code Section 4.28.160 provides Standards of Conduct for all Mobile Vendor Units. This Agreement provides a list of said Standards of Conduct. All signatories to this Agreement are required to review this Agreement prior to signing this Agreement.

As a licensed Mobile Vendor Unit, I understand and agree that I cannot and will not conduct business in a manner that would violate any of the Standards of Conduct noted below:

Mobile food vendor unit operators shall conduct themselves at all times in an orderly and lawful manner, and shall not make, or cause to be made, any unreasonable noise of such volume as to be in violation of the City of Bloomington Noise Ordinance as stated in Title 14 of the Bloomington Municipal Code

A device may not be used which would amplify sounds nor may attention be drawn to the mobile food vendor unit by an aural means or a light-producing device (examples of such devices may include, but are not meant to be limited to the following: bull horns and strobe lights

No mobile food vendor unit may be permanently or temporarily affixed to any object, including but not limited to buildings, trees, telephone phones, streetlight poles, traffic signal poles or fire hydrants

No mobile food vendor unit may be used to advertise any product which is not authorized to be sold from that unit

Each mobile food vendor unit shall be limited to one sandwich board sign that meets the provisions of Section 20.05.086 of the Bloomington Municipal Code regardless of the zoning district in which it locates, provided a sign permit is obtained from the City's Planning and Transportation Department

No mobile food vendor unit may make use of any public or private electrical outlet while in operation

Each mobile food vendor unit shall protect against littering and shall have both an adequate trash receptacle and a separate receptacle for recyclable materials:

- The trash and recyclable receptacles shall be emptied sufficiently often to allow disposal of litter and waste by the public at any time;
- The trash and recyclable receptacles on the mobile food vendor unit shall not be emptied into trash or recyclable receptacles owned by the City of Bloomington;
- Liquid from the mobile food vendor unit shall not be discharged on or in a City sewer or drain or elsewhere on City property, nor on private property without the express written consent of the owner thereof;

- Before leaving any location each mobile food vendor unit shall first pick up, remove and dispose of all trash, refuse and/or recyclable materials, including products spilled on the ground within twenty feet of the mobile food vendor unit.

No mobile food vendor unit shall expose any pedestrian to any undue safety or health hazards nor shall it be maintained so as to create a public nuisance

Each mobile food vendor unit shall be maintained free and clear of dirt, and finishes shall not be chipped, faded or unduly marred

Foods or beverages which present a substantial likelihood that liquid matter or particles will drop to the street or sidewalk during the process of carrying or consuming the food or beverage shall be sold in proper containers so as to avoid falling to the street or sidewalk

Mobile food vendor units which utilize a grill or device that may result in a spark, flame or fire shall adhere to the following additional standards:

- Be placed approximately 20 feet from a building or structure;
- Provide a barrier between the grill or device and the general public;
- The spark, flame or fire shall not exceed 12 inches in height;
- A fire extinguisher shall be within reaching distance of the mobile food vendor unit operator at all times;

Mobile food vendor unit operators shall be required to obey the commands of law enforcement officers or fire officials with respect to activity carried out inside of the City's jurisdictional limits, including, where possible, the removal of the mobile food vendor unit and cessation of such sales

No mobile food vendor unit shall ever be left unattended

Mobile food vendor units shall not be stored, parked or left overnight on any City property

All mobile food vendor units which are food service establishments as defined by Title 10.17 of the Bloomington Municipal Code shall install an approved grease interceptor or grease trap. Foods, oils and greases shall never be discharged into the City's sewer or storm drains

All mobile food vendor unit operators are required to collect and pay all applicable and appropriate sales taxes

No mobile food vendor shall provide customer seating unless approval has been provided by the City's Board of Public Works and the City's Planning and Transportation Department

All mobile food vendors shall comply with the lighting standards found in Chapter 20.05 of the Bloomington Municipal Code

All mobile food vendors shall comply with the vision clearance standards found in Chapter 20.05 of the Bloomington Municipal Code

No mobile food vendor shall have a drive-thru

The decibels of any generator(s) associated with a mobile food vendor unit shall not exceed "70dBA".

- Such noise measurement shall be made at a height of at least four (4) feet above the ground and at a point approximately twenty-five (25) feet away from where the

noise is being emitted on a sound level meter operated on the "A" weighting network (scale).

- No person other than the operators shall be within twenty-five (25) feet of the sound level meter during the sample period.
- Sound measurements shall be conducted at that time of day or night when the relevant noise source is emitting sound.
- The sound level measurement shall be determined as follows:
  - Calibrate the sound level meter within one (1) hour before use.
  - Set the sound level meter on the "A" weighted network at slow response.
  - Set the omnidirectional microphone in an approximately seventy degree position in a location which complies with subsections (1) and (2) herein. The operator of the sound level meter shall face the noise source and record the meter's instantaneous response.
  - Recalibrate the sound level meter after use.
- It shall be unlawful for any person to interfere, through the use of sound or otherwise, with the taking of sound level measurement.

I, the undersigned, understand that if I conduct business in violation of any the above described standards of conduct that I subject myself to fines and possible revocation of my Mobile Vendor Unit License, as so described in Chapter 4.28 of the Bloomington Municipal Code.

Vendor:

Name: Mustafa Nawab

Signature: Mustafa Nawab Digitally signed by Mustafa Nawab Date: 2023.12.21 03:16:46 -05'00'

Date: 12/21/2023

(IRS USE ONLY) 575A 12-22-2023 KABO B 9999999999 SS-4

IMPORTANT INFORMATION FOR S CORPORATION ELECTION:
If you intend to elect to file your return as a small business corporation, an election to file a Form 1120-S, U.S. Income Tax Return for an S Corporation, must be made within certain timeframes and the corporation must meet certain tests. All of this information is included in the instructions for Form 2553, Election by a Small Business Corporation.

If you are required to deposit for employment taxes (Forms 941, 943, 940, 944, 945, CT-1, or 1042), excise taxes (Form 720), or income taxes (Form 1120), you will receive a Welcome Package shortly, which includes instructions for making your deposits electronically through the Electronic Federal Tax Payment System (EFTPS). A Personal Identification Number (PIN) for EFTPS will also be sent to you under separate cover. Please activate the PIN once you receive it, even if you have requested the services of a tax professional or representative. For more information about EFTPS, refer to Publication 966, *Electronic Choices to Pay All Your Federal Taxes*. If you need to make a deposit immediately, you will need to make arrangements with your Financial Institution to complete a wire transfer.

The IRS is committed to helping all taxpayers comply with their tax filing obligations. If you need help completing your returns or meeting your tax obligations, Authorized e-file Providers, such as Reporting Agents or other payroll service providers, are available to assist you. Visit www.irs.gov/mefbusproviders for a list of companies that offer IRS e-file for business products and services.

IMPORTANT REMINDERS:

* Keep a copy of this notice in your permanent records. This notice is issued only one time and the IRS will not be able to generate a duplicate copy for you. You may give a copy of this document to anyone asking for proof of your EIN.

* Use this EIN and your name exactly as they appear at the top of this notice on all your federal tax forms.

* Refer to this EIN on your tax-related correspondence and documents.

* Provide future officers of your organization with a copy of this notice.

Your name control associated with this EIN is KABO. You will need to provide this information along with your EIN, if you file your returns electronically.

Safeguard your EIN by referring to Publication 4557, Safeguarding Taxpayer Data: A Guide for Your Business.

You can get any of the forms or publications mentioned in this letter by visiting our website at www.irs.gov/forms-pubs or by calling 800-TAX-FORM (800-829-3676).

If you have questions about your EIN, you can contact us at the phone number or address listed at the top of this notice. If you write, please tear off the stub at the bottom of this notice and include it with your letter.

Thank you for your cooperation.

APPROVED AND FILED
DIEGO MORALES
INDIANA SECRETARY OF STATE
01/11/2024 10:04 AM

ARTICLES OF ORGANIZATION

Formed pursuant to the provisions of the Indiana Code.

ARTICLE I - NAME AND PRINCIPAL OFFICE ADDRESS

BUSINESS ID	202401101755313
BUSINESS TYPE	Domestic Limited Liability Company
BUSINESS NAME	KABOB ON WHEELS LLC
PRINCIPAL OFFICE ADDRESS	4748 E DONINGTON DR, Bloomington, IN, 47401, USA

ARTICLE II - REGISTERED OFFICE AND ADDRESS

REGISTERED AGENT TYPE	Individual
NAME	Mustafa Nawab
ADDRESS	4748 E DONINGTON DR, Bloomington, IN, 47401, USA
SERVICE OF PROCESS EMAIL	nawab46@hotmail.com

I acknowledge that the Service of Process email provided above is the email address at which electronic service of process may be accepted.

ARTICLE III - PERIOD OF DURATION AND EFFECTIVE DATE

PERIOD OF DURATION	Perpetual
EFFECTIVE DATE	01/10/2024
EFFECTIVE TIME	09:24PM

ARTICLE IV - GOVERNING PERSON INFORMATION

TITLE	Member
NAME	Mustafa Nawab
ADDRESS	4748 E DONINGTON DR, Bloomington, IN, 47401, USA

MANAGEMENT INFORMATION

THE LLC WILL BE MANAGED BY MANAGER(S)	No
IS THE LLC A SINGLE MEMBER LLC?	Yes

APPROVED AND FILED
DIEGO MORALES
INDIANA SECRETARY OF STATE
01/11/2024 10:04 AM

SIGNATURE

THE SIGNATOR(S) REPRESENTS THAT THE REGISTERED AGENT NAMED IN THE APPLICATION HAS CONSENTED TO THE APPOINTMENT OF REGISTERED AGENT.

THE UNDERSIGNED, DESIRING TO FORM A LIMITED LIABILITY COMPANY PURSUANT TO THE PROVISIONS OF THE INDIANA BUSINESS FLEXIBILITY ACT EXECUTES THESE ARTICLES OF ORGANIZATION.

IN WITNESS WHEREOF, THE UNDERSIGNED HEREBY VERIFIES, SUBJECT TO THE PENALTIES OF PERJURY, THAT THE STATEMENTS CONTAINED HEREIN ARE TRUE, THIS DAY **January 10, 2024.**

THE UNDERSIGNED ACKNOWLEDGES THAT A PERSON COMMITS A CLASS A MISDEMEANOR BY SIGNING A DOCUMENT THAT THE PERSON KNOWS IS FALSE IN A MATERIAL RESPECT WITH THE INTENT THAT THE DOCUMENT BE DELIVERED TO THE SECRETARY OF STATE FOR FILING.

SIGNATURE	MUSTAFA NAWAB
TITLE	Member

Business ID : 202401101755313
Filing No : 10175643

State of Indiana
Office of the Secretary of State

Certificate of Organization
of
KABOB ON WHEELS LLC

I, DIEGO MORALES, Secretary of State, hereby certify that Articles of Organization of the above Domestic Limited Liability Company have been presented to me at my office, accompanied by the fees prescribed by law and that the documentation presented conforms to law as prescribed by the provisions of the Indiana Code.

NOW, THEREFORE, with this document I certify that said transaction will become effective Wednesday, January 10, 2024.

In Witness Whereof, I have caused to be affixed my signature and the seal of the State of Indiana, at the City of Indianapolis, January 11, 2024.

Diego Morales

DIEGO MORALES
SECRETARY OF STATE

202401101755313 / 10175643

To ensure the certificate's validity, go to https://bsd.sos.in.gov/PublicBusinessSearch

State Form 48099 (R5/7-17)
Approved by State Board of Accounts 2017

INDIANA CERTIFICATE OF VEHICLE REGISTRATION

CLASS	AGE	ISSUE DATE	PUR DATE	COUNTY	TP	PL YR	PLATE	PL TP	WEIGHT	PR YR	LS	TYPE	PRIOR YR PL
11	16	01/09/2024	10/08/2016	53 - MONROE	R	24	394RI	PA		23	N	PA	394RI

EXPIRATION DATE	MUNICIPALITY	VEHICLE YEAR	MAKE	MODEL	VEHICLE IDENTIFICATION NUMBER	TYPE	COLOR
8/21/2025	NONE OF THE ABOVE	2008	FOR	ECO	1FCKE39L28DB07273	TK	WHI/

	VEH EX TAX	EX CREDIT	DAV CREDIT	NET EX TAX	CO. WHEEL/EX TAX	MUN. WHEEL/EX TAX	STATE REG FEE	ADMIN FEE	TOTAL
CURRENT YEAR TAX	21.00	0.00	0.00	21.00	25.00	0.00	36.35	0.00	82.35
PRIOR YEAR TAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

REGISTRATION LICENSE TYPE
PASSENGER - NEW PLATE TYPE

C
SS

IMPORTANT REGISTRATION INFORMATION

The registrant acknowledges that the information provided on the front of this form is correct. The registrant understands that proof of financial responsibility (insurance) for this vehicle will be continuously maintained during the registration period. Additional taxes and/or fees may be due if an error or an adjustment to the amount due is made.

CUSTOMER COPY

Bureau of Motor Vehicles
Customer Transaction Receipt

State Form 51717 (R / 4-16)

Branch: BLOOMINGTON STARS (313)
1531 S CURRY PK STE 500
BLOOMINGTON, IN 47403

Date: 1/9/24 **Time:** 11:52:43 am EDT

Visit ID: 281205694

Visit Customer: SHAFIK NAWAB

Transactions

Trans_ID (PIN)	Trans Type	Trans_Subtype	Amount
377990884	Registration - Registration Renewal	Renew	$239.35
377990718	Registration - Registration Renewal	Renew	$82.35

Subtotal:	**$321.70**
Sales/Use Tax:	**$0.00**
Credit Applied:	**$0.00**
Transaction Fee:	**$7.04**
Total :	**$328.74**

Payment Method	CREDIT	**Amount**	$ 321.70		
Merchant ID	313BMV	**Card Type**	VISA	**Authorization Number**	07170G
Terminal ID	MXL04546LM	**Entry Method**	S	**Trans Sequence No**	178431482
Batch No	0			**Account Number**	**********0108

Total Due:	**$328.74**
Amount Paid:	**$328.74**
Change Due:	**$0.00**

*****IMPORTANT NOTICE*****

Please allow 14 days to receive your credential and 21 days to receive your title or registration. If you do not receive your credential, title, or registration in the time period provided or have any questions regarding any of these items, visit www.myBMV.com or call the BMV contact center at 888-692-6841. You will be able to track the progress of your registration or title by using your Transaction ID PIN number listed above and calling 888-692-6841. Please allow 30 days to receive an approved Personalized License Plate.

The $25 express credential service fee provides prioritized processing and mailing. Occasional delays in verification of an applicant's documents or image are possible, resulting in an extended processing time.

You may renew your motorcycle learner's permit **only one time** for **one year**. If you do not obtain a motorcycle endorsement before the expiration of the renewed motorcycle learner's permit, you must wait one year to apply for a new permit (IC 9-24-8-3).

www.Facebook.com/inbmv www.Twitter.com/inbmv www.myBMV.com

5 1 7 1 7 3 7 7 9 9 0 7 1 8

Customer Copy

CITY OF BLOOMINGTON

MOBILE VENDOR INSPECTION CHECK SHEET

COMPANY PERFORMING INSPECTION Pomps Tire

INSPECTOR'S NAME Roscoe L Knight INSPECTOR'S PHONE # 812-336-6302

DATE OF INSPECTION 1-18-24

TAXICAB COMPANY Kebab On Wheels

VEHICLE YEAR 2008 MAKE Ford MODEL Super Duty

VIN 1FCKE39L28DB07273

	PASS	FAIL	COMMENTS
LIGHTS (Front & Rear)	✓		
FLASHERS	✓		
REFLECTORS	✓		
HORN	✓		
WINDSHIELD WIPERS	✓		
MIRRORS	✓		
SEATBELTS	✓		
BUMPER HEIGHT	✓		
ALL WINDOWS	✓		
MUFFLER	✓		
TIRES	✓		
BRAKES	✓		
DOORS	✓		
GENERAL CONDITION OF VEHICLE	✓		

CITY OF BLOOMINGTON INDIANA

Attach this completed Inspection Sheet with your permit or renewal application and remit to:

City of Bloomington
Department of Economic and Sustainable Development
401 N. Morton St.
Bloomington, Indiana 47404
812-349-3419

Additional Comments by Inspector: _____

Inspector Signature _____

Date: 1-18-24

Attach this completed Inspection Sheet with your permit or renewal application and remit to:

City of Bloomington
Department of Economic and Sustainable Development
401 N. Morton St.
Bloomington, Indiana 47404
812-349-3419

STATE OF INDIANA

Eric J. Holcomb, Governor

Joe B. Hoage, Commissioner
Bureau of Motor Vehicles
100 North Senate Avenue
Indianapolis, Indiana 46204

Certification of Driver's Record

For: SHAFIK NAWAB
DOB: 12/09/1960
STATUS: VALID as of 01/25/2024
NUMBER of DOCUMENTS: 1

I, Rebekah Erwin, Director of Driver Records of the Indiana Bureau of Motor Vehicles and custodian of its records, hereby attest that the attached is a true and complete copy of the record, as requested, and as it appears in the files of the Indiana Bureau of Motor Vehicles.

Therefore, by my duly authorized representative, I certify this record by my signature and by the seal of the Indiana Bureau of Motor Vehicles this 25th of January, 2024.

Rebekah Erwin, Director of Driver Records

BUREAU OF MOTOR VEHICLES
100 North Senate Avenue
Indianapolis, Indiana 46204
Telephone: (888) 692-6841

STATE OF INDIANA

Eric J. Holcomb, Governor

Joe B. Hoage, Commissioner

Indiana Official Driver Record

As of 01/25/2024 11:25 am

** **NOTE:** The BMV only retains supporting documentation for a period of 10 years **

SHAFIK NAWAB
4748 E DONINGTON DR
BLOOMINGTON, IN 47401-8599

License number: 0130-70-5041
License type: DRIVERS
License expires: 12/09/2029
License status: VALID
SR22: Not needed

Birth date: 12/09/1960 Gender: MALE

Current points: 0
Social Security #:

Physical Description: Height: 5'7" Weight: 145lbs Hair color: BLACK Eye color: BROWN Donor: T

Endorsements: None

Pending Endorsements: None

Restrictions: None

Pending Restrictions: None

Suspension Information -- (* indicates active suspensions)

-- (indicates closed/expired active suspensions stayed)**

No Suspensions were found.

Pending Suspension Information

No Pending Suspensions were found.

Disqualification Information -- (* indicates active disqualifications)

No Disqualifications were found.

Pending Disqualification Information

No Pending Disqualifications were found.

Out of State Withdrawal Information

No OOS Withdrawals were found.

Continued on Next Page

Bureau of Motor Vehicles
Customer Transaction Receipt

State Form 51717 (R / 4-16)

Branch: BLOOMINGTON SST (273)
1531 S CURRY PIKE
BLOOMINGTON, IN 47403-2716

Date: 1/25/24 **Time:** 11:25:40 am EDT

Visit ID: 281587797

Visit Customer: SHAFIK NAWAB

Transactions

Trans ID (PIN)	Trans Type	Trans Subtype	Amount
378659869	Miscellaneous - New Service Sales	New	$4.00

Subtotal:	**$4.00**
Sales/Use Tax:	**$0.00**
Credit Applied:	**$0.00**
Transaction Fee:	**$0.49**
Total :	**$4.49**

Payment Method	CREDIT	**Amount**	$4.00		
Merchant ID	273SST	**Card Type**	MASTERCARD	**Authorization Number**	02566P
Terminal ID	SST273100	**Entry Method**	S	**Trans Sequence No**	178901422
Batch No	0			**Account Number**	**********5193

Total Due:	**$4.49**
Amount Paid:	**$4.49**
Change Due:	**$0.00**

IMPORTANT NOTICE

Please allow 14 days to receive your credential and 21 days to receive your title or registration. If you do not receive your credential, title, or registration in the time period provided or have any questions regarding any of these items, visit www.myBMV.com or call the BMV contact center at 888-692-6841. You will be able to track the progress of your registration or title by using your Transaction ID PIN number listed above and calling 888-692-6841. Please allow 30 days to receive an approved Personalized License Plate.

The $25 express credential service fee provides prioritized processing and mailing. Occasional delays in verification of an applicant's documents or image are possible, resulting in an extended processing time.

You may renew your motorcycle learner's permit **only one time** for **one year**. If you do not obtain a motorcycle endorsement before the expiration of the renewed motorcycle learner's permit, you must wait one year to apply for a new permit (IC 9-24-8-3).

www.Facebook.com/inbmv www.Twitter.com/inbmv www.myBMV.com

Customer Copy

Credential Issuance

Interim Credential Issue Date: 8/8/2023, Expiration Date: 9/7/2023, Reason: DUPLICATE DL, IN-STATE, Control #: 22337700

Issue Date: 08/08/2023, Duplicate License, DRIVERS, Endorsements: None, Restrictions: None, Expiration Date: 12/09/2029

Interim Credential Issue Date: 7/8/2023, Expiration Date: 8/7/2023, Reason: RENEWAL DL W/O CARD, IN-STATE, Control #: 22170199

Issue Date: 07/08/2023, Renew License, DRIVERS, Endorsements: None, Restrictions: None, Expiration Date: 12/09/2029

Interim Credential Issue Date: 3/30/2017, Expiration Date: 4/29/2017, Reason: RENEWAL DL W/O CARD, IN-STATE, Control #: 10252002

Issue Date: 03/30/2017, Renew License, DRIVERS, Endorsements: None, Restrictions: None, Expiration Date: 07/08/2023

Issue Date: 08/09/2012, Renew License, DRIVERS (5 YR), Endorsements: None, Restrictions: None, Expiration Date: 03/30/2017

Issue Date: 06/30/2007, Renew License, DRIVERS (5 YR), Endorsements: None, Restrictions: None, Expiration Date: 12/09/2012

Issue Date: 06/09/2003, Renew License, DRIVERS, Endorsements: None, Restrictions: None, Expiration Date: 12/09/2007

Issue Date: 11/25/2002, Amend License, DRIVERS, Endorsements: None, Restrictions: None, Expiration Date: 12/09/2003

Issue Date: 03/18/1999, Renew License, DRIVERS, Endorsements: None, Restrictions: None, Expiration Date: 12/09/2003

Issue Date: 01/14/1999, Issue Learner, LEARNER PERMIT, Endorsements: None, Restrictions: None, Expiration Date: 01/31/2000

Remarks

No Remarks were found.

****
* End of Driver Record *
****

Mailing Addresses

ID	Effective Date	Street Address	City	State	ZIP Code
12	01/29/2019	4748 E DONINGTON DR	BLOOMINGTON	IN	47401-8599
11	03/30/2017	4748 E DONINGTON DR	BLOOMINGTON	IN	47401-8599
10	07/24/2014	1034 S COLCHESTER CT	BLOOMINGTON	IN	47401-8019
9	07/02/2013	1034 S COLCHESTER CT	BLOOMINGTON	IN	47401-8019
8	08/09/2012	1034 S COLCHESTER CT	BLOOMINGTON	IN	47401-8019
7	07/25/2011	1034 S COLCHESTER CT APT 1034	BLOOMINGTON	IN	47401
6	07/25/2011	1034 S COLCHESTER CT	BLOOMINGTON	IN	47401
5	11/25/2002	1034 S COLCHESTER CT	BLOOMINGTON	IN	47408
3	03/18/1999	4402 ELOUIS AVE	BLOOMINGTON	IN	47408
2	01/14/1999	4402 ELOUIS AVE	BLOOMINGTON	IN	47408
1	03/18/1999	4402 ELOUIS AVE	BLOOMINGTON	IN	47408

Legal Addresses

ID	Effective Date	Street Address	City	State	ZIP Code
11	03/30/2017	4748 E DONINGTON DR	BLOOMINGTON	IN	47401-8599
9	07/02/2013	1034 S COLCHESTER CT	BLOOMINGTON	IN	47401-8019
8	08/09/2012	1034 S COLCHESTER CT	BLOOMINGTON	IN	47401-8019
4	11/25/2002	1034 S COLCHESTER CT	BLOOMINGTON	IN	47408

Continued on Next Page

Convictions -- (* indicates active points)

Disposition Date	Pts	Offense Description	Offense Date	Court / Case Number	Susp IDs	Disq IDs	CMV	Hazmat
08/20/2019	2	SPEEDING 55/40	07/06/2019	WISCONSIN / WI BE225183			No	No
06/27/2019	0	SEAT BELT VIOLATION	05/30/2019	MONROE CIRCUIT # 8 / 53C081906IF003343			No	No
01/24/2011	4	FAILURE TO OBEY SIGNS OR MARKINGS	12/18/2010	DAVIESS SUPERIOR / 14D011012IF1868			No	No
01/24/2011	0	NON-POINTABLE VIOLATION	12/18/2010	DAVIESS SUPERIOR / 14D011012IF1867			No	No
06/16/2009	0	SEAT BELT VIOLATION	06/05/2009	MONROE CIRCUIT #5 / 53C050906IF07254			No	No
04/25/2006	2	SPEEDING 55/45	03/30/2006	BROWN CIRCUIT / 07C010604IF0412			No	No
07/14/2003	2	SPEEDING	06/30/2003	PENNSYLVANIA / PA L0279742			No	No
11/21/2000	4	SPEEDING 71/55	09/11/2000	MONROE CIRCUIT #3 / 53C030009IF11698			No	No

Continued on Next Page

(IRS USE ONLY) 575A 12-22-2023 KABO B 9999999999 SS-4

Keep this part for your records. CP 575 A (Rev. 7-2007)

Return this part with any correspondence so we may identify your account. Please correct any errors in your name or address.

CP 575 A

9999999999

Your Telephone Number
( ) -
_____

Best Time to Call
_____

DATE OF THIS NOTICE: 12-22-2023
EMPLOYER IDENTIFICATION NUMBER: 99-0393348
FORM: SS-4 NOBOD

INTERNAL REVENUE SERVICE
CINCINNATI OH 45999-0023

KABOB ON WHEELS
MUSTAFA M NAWAB SOLE MBR
4748 E DONINGTON DR
BLOOMINGTON, IN 47401

IRS DEPARTMENT OF THE TREASURY
INTERNAL REVENUE SERVICE
CINCINNATI OH 45999-0023

Date of this notice: 12-22-2023

Employer Identification Number:
99-0393348

Form: SS-4

Number of this notice: CP 575 A

KABOB ON WHEELS
MUSTAFA M NAWAB SOLE MBR
4748 E DONINGTON DR
BLOOMINGTON, IN 47401

For assistance you may call us at:
1-800-829-4933

IF YOU WRITE, ATTACH THE
STUB AT THE END OF THIS NOTICE.

WE ASSIGNED YOU AN EMPLOYER IDENTIFICATION NUMBER

Thank you for applying for an Employer Identification Number (EIN). We assigned you EIN 99-0393348. This EIN will identify you, your business accounts, tax returns, and documents, even if you have no employees. Please keep this notice in your permanent records.

Taxpayers request an EIN for their business. Some taxpayers receive CP575 notices when another person has stolen their identity and are opening a business using their information. If you did **not** apply for this EIN, please contact us at the phone number or address listed on the top of this notice.

When filing tax documents, making payments, or replying to any related correspondence, it is very important that you use your EIN and complete name and address exactly as shown above. Any variation may cause a delay in processing, result in incorrect information in your account, or even cause you to be assigned more than one EIN. If the information is not correct as shown above, please make the correction using the attached tear-off stub and return it to us.

Based on the information received from you or your representative, you must file the following forms by the dates shown.

Form 941	04/30/2024
Form 940	01/31/2025

Your Form 2290 becomes due the month after your vehicle is put into use.

If you have questions about the forms or the due dates shown, you can call us at the phone number or write to us at the address shown at the top of this notice. If you need help in determining your annual accounting period (tax year), see Publication 538, *Accounting Periods and Methods*.

We assigned you a tax classification (corporation, partnership, etc.) based on information obtained from you or your representative. It is not a legal determination of your tax classification, and is not binding on the IRS. If you want a legal determination of your tax classification, you may request a private letter ruling from the IRS under the guidelines in Revenue Procedure 2020-1, 2020-1 I.R.B. 1 (or superseding Revenue Procedure for the year at issue). Note: Certain tax classification elections can be requested by filing Form 8832, *Entity Classification Election*. See Form 8832 and its instructions for additional information.

City of Bloomington
Fire Department

PO Box 100
Bloomington Indiana 47402
812-332-9763
Mayor Kerry Thomson Interim Fire Chief Roger Kerr

Current Date	Inspected by	Next Inspection Date	Inspection Number
02/13/2024	Jeff Yutmeyer	02/12/2025	BFD-2024-0001074

Business Name	Address	City	State	Zip
Kebab on wheels	2361 W Rappel Ave Kebab On Wheels	Bloomington	IN	47404

Suite
4748 E Donington Dr

Fire Inspection Results
No fire code violations found.
Thank You

On 02/13/2024 the Kebab on wheels was inspected by Bloomington Fire Department and no deficiencies were found.

Inspection Signatures

Occupancy Contact Signature

shafik Nawav
Owner
812-272-1131
nawab46@hotmail.com

Inspector Signature

Jeff Yutmeyer
Deputy Fire Marshal
812-360-3507
Jeff.yutmeyer@bloomington.in.gov

Bloomington Fire Department

PO Box 100
Bloomington IN 47402
812-332-9763

Mayor Kerry Thomson

Interim Fire Chief Roger Kerr

Temporary Food Vendor

Fire Permit

Permit Number	Effective Date Range	Expiration Date
BFD-2024-0000017	02/13/2024 - 02/13/2025	02/13/2025

Business Name

Kebab on wheels

This permit is to certify that the named establishment has met the minimum standards of the Indiana Fire Code at the time of inspection. This is a **Fire Permit only** and does not indicate approval from any other agency or authority. Inspection and approval from the **State Health Department** is required and the final permit will be issued by the **City of Bloomington Economic and Sustainable Department**.

Permit Contact

shafik Nawav
Owner
812-272-1131
nawab46@hotmail.com

Permit Signatures

Inspector Permit Signature

Jeff Yutmeyer
Deputy Fire Marshal
812-360-3507
Jeff.yutmeyer@bloomington.in.gov

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 02/14/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER State Farm Allison Allen 2666 E 2nd Street Bloomington IN 474015371	CONTACT NAME: Allison Allen PHONE (A/C, No, Ext): 812-339-3011 FAX (A/C, No): E-MAIL ADDRESS: allison.allen.e3wb@statefarm.com
INSURED Nawab, Shafik 4748 E DONINGTON DR BLOOMINGTON IN 474018599	INSURER(S) AFFORDING COVERAGE — NAIC # INSURER A : State Farm Fire and Casualty Company — 25143 INSURER B : INSURER C : INSURER D : INSURER E : INSURER F :

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADD INSD	SUB WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [ ] PRO-JECT [ ] LOC [ ] OTHER:	N	N	94-C7-R493-0	08/05/2023	08/05/2024	EACH OCCURRENCE	$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 300,000
							MED EXP (Any one person)	$ 5,000
							PERSONAL & ADV INJURY	$ 1,000,000
							GENERAL AGGREGATE	$ 2,000,000
							PRODUCTS - COMP/OP AGG	$ 2,000,000
								$
	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident)	$
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
								$
	[ ] UMBRELLA LIAB [ ] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $						EACH OCCURRENCE	$
							AGGREGATE	$
								$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? [ ] N / A (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						[ ] PER STATUTE [ ] OTH-ER	$
							E.L. EACH ACCIDENT	$
							E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Allison Allen

This form was system-generated on 02/14/2024 .

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KEBAB
on Wheels
Mr Cater
612 272-1131
Call for Pick-Up!
Follow Us on

KEBAB
on Wheels
812 272-1131
Follow Us on

We Cater!
KEBAB
On Wheels
812 272-1131
Call for Pick-Up!
Follow Us on

National Registry of Food Safety Professionals

CERTIFIED FOOD SAFETY MANAGER

AHMAD NADERI

6751 Forum Drive
Suite 220
Orlando, FL 32821

Toll Free (800) 446-0257
Phone (407) 352-3830
Fax (407) 352-3603

www.NRFSP.com

Certificate No: 21755386
Issue Date: June 15, 2021
Expiration Date: June 15, 2026

Board of Public Works
Staff Report

Project/Event:	Renewal #1 Agreement for 2024 Traffic Signal Inspection Contract
Petitioner/Representative:	Street Department
Staff Representative:	Joe Van Deventer
Meeting Date:	February 27, 2024

Quotes were solicited and opened at BPW Work Session on April 24, 2023.

Contract will provide routine inspections for traffic signal equipment and supply a complete Traffic Inspection Report for each signal. TAPCO, Traffic & Parking Control Co., Inc. was determined to be responsible & responsive. TAPCO also has a history of providing favorable services with the City of Bloomington Public Works/Street Division.

This Renewal #1 supplements the routine inspections for traffic signal equipment for 2024 as agreed by both City and TAPCO, Traffic & Parking Control Co., Inc.

☑ TAPCO, Traffic and Parking Control Co., Inc. **$ 117,222.00**

Print Reset Form

City of Bloomington Contract and Purchase Justification Form

Vendor: TAPCO, Traffic & Parking Contract Amount: $ 117,222.00

This form should be completed and attached to the contract documents and forwarded to the Legal Department Attorney assigned to your Department. Contracts will not be approved by the Controller if a completed form is not included with the contract documents.

PURCHASE INFORMATION

1. Check the box beside the procurement method used to initiate this procurement: (Attach a quote or bid tabulation if applicable)

- ☐ Request for Quote (RFQ)
- ☐ Request for Proposal (RFP)
- ☐ Sole Source
- ☑ Not Applicable (NA)
- ☐ Invitation to Bid (ITB)
- ☐ Request for Qualifications (RFQu)
- ☐ Emergency Purchase

2. List the results of procurement process. Give further explanation where requested.

# of Submittals:	Yes	No
Met city requirements?	☑	☐
Met item or need requirements?	☑	☐
Was an evaluation team used?	☐	☑
Was scoring grid used?	☐	☑
Were vendor presentations requested?	☐	☐

Was the lowest cost selected? (If no, please state below why it was not.)	Yes	No
	☑	☐

Quotes were opened at BPW meeting April 24, 2023. This is renewal #1 with TAPCO.

3. State why this vendor was selected to receive the award and contract:

On April 24, 2023 the Board of Public Works approved the 2023 Agreement with TAPCO, Inc. to provide routine inspections for traffic signal equipment and supply a complete Traffic Inspection Report for each signal. This Renewal #1 supplements that inspections contract with TAPCO for 2024 as agreed by both City and TAPCO, Traffic & Parking Control Co., Inc.

Joe VanDeventer	Director of Operations	PW/Street Division
Print/Type Name	Print/Type Title	Department

RENEWAL #1 TO AGREEMENT

FOR TRAFFIC SIGNAL INSPECTION CONTRACT

Between the

CITY OF BLOOMINGTON

And

TAPCO, Traffic and Parking Control Co., Inc.

In April of 2023, the Board of Public Works approved the 2023 Agreement with TAPCO, Traffic and Parking Control Co., Inc. for Traffic Signal Inspection, as the lowest responsive and responsible bidder. This Renewal #1 supplements that Agreement for Traffic Signal Inspection with TAPCO, Traffic and Parking Control Co., Inc. as follows:

1. **Article 25. Renewal** states the agreement maybe renewed for two additional one-year terms so long as none of the terms and conditions herein are modified in any way. Renewal shall only occur upon advanced written notice by the City to the Contractor that the City wishes to renew the Agreement at least thirty (30) days, but not more than sixty (60) days, prior to the end of the current term.

2. TAPCO, Traffic and Parking Control Co., Inc. provided notice to the City on February 09, 2024 of its wish to renew this Agreement.

3. The City also wishes to renew this Agreement for 2024 Traffic Signal Inspection.

4. **Living Wage Ordinance.** Contractor is considered a "covered employer" under City Ordinance 2.28, otherwise known as the "Living Wage Ordinance," or "LWO," and is required to pay their covered employees at least a living wage. Currently, the living wage is $15.75 per hour for covered employees, and up to 15% of that amount, or $2.36, may be in the form the covered employer's contribution to health insurance available to the covered employee.
   Contractor shall execute the Living Wage Ordinance Affidavit, attached as Exhibit C; shall abide by the LWO by paying their employees a living wage; and shall post the Living Wage Poster, provided by the City Legal Department, in areas frequented by their covered employees.

5. In all other respects, the Agreement shall remain in effect as originally written.

CITY OF BLOOMINGTON

By:_____
Kyla Cox Deckard, President
Board of Public Works

Date:_____

TAPCO, Traffic and Parking Control Co., Inc.

By:_____
Lindsay Harvey, Representative

Date:_____

By:_____
Adam Wason, Director
Public Works Department

Date: _____

By: _____
Margie Rice, Corporation Counsel

EXHIBIT "C"

AFFIDAVIT THE LIVING WAGE ORDINANCE

The undersigned, being duly sworn, hereby affirms and says that:

1. The undersigned is the Click here to enter text. of Click here to enter text.
(job title) (company name)

2. The company named herein that employs the undersigned has contracted with or is seeking to contract with the City of Bloomington to provide services.

3. The undersigned hereby states that, to the best of their knowledge and belief, the company named herein is subject to Bloomington City Ordinance 2.28, otherwise known as the "Living Wage Ordinance."

4. The projected employment needs under the award include the following: Click here to enter text.

5. The projected net increase or decrease in jobs for covered employees by job title that will result from awarding the assistance: Click here to enter text.

6. The undersigned hereby affirms that the smallest hourly wage to be earned by each of their covered employees shall be at least the living wage.

I affirm under the penalties of perjury that the foregoing facts and information are true and correct to the best of my knowledge and belief.

_____
Signature

_____
Printed name

STATE OF INDIANA)
) SS:
COUNTY OF _____)

Before me, a Notary Public in and for said County and State, personally appeared _____ _____ and acknowledged the execution of the foregoing this _____ day of _____ _____, 2024.

My Commission Expires:_____

_____
Notary Public

County of Residence:_____

_____
Name Printed

_____
Commission Number

TAPCO
Safe travels.

02/09/2024

Danna Workman-Stephens
City of Bloomington Street Division
Acct Clerk/Emergency Grant
Office: (812) 349-3818
Fax: (812) 349-3450

Dear Ms. Workman-Stephens,

The purpose of this letter is to inform you that TAPCO would like to renew our 2023 Traffic Signal Inspection Contract under the same terms and conditions set forth previously.

We appreciate your business and partnership and look forward to hearing from you!

Sincerely,

Lindsay Harvey
Director Service and Software Solutions
TAPCO, Traffic and Parking Control Co., Inc
Cell: 920-723-9649
lindsay.harvey@tapconet.com

AGREEMENT BETWEEN CITY OF BLOOMINGTON PUBLIC WORKS DEPARTMENT AND TAPCO, TRAFFIC & PARKING CONTROL CO., INC.

This Agreement is entered into on this 25th day of April, 2023, by and between the City of Bloomington Department of Public Works (the "Department"), and TAPCO, Traffic & Parking Control Co., Inc. ("Contractor").

Article 1. **Scope of Services** Contractor shall perform repair and maintenance services of the following types: provide routine inspections of traffic signal equipment and supply a complete traffic inspection report for each signal. These services ("Services") will be performed for a set price of One Hundred and Seventeen Thousand Two Hundred and Twenty-Two Dollars ($117,222.00). Contractor shall diligently provide the Services under this Agreement and shall complete the Services described in this Agreement in a timely manner consistent with the Standard of Care identified in Article 2. Contractor shall complete the Services required under this Agreement on or before December 31, 2023, unless the parties mutually agree to a later completion date. Completion shall mean completion of all work related to the Services. In the performance of Contractor's work, Contractor agrees to maintain such coordination with the Department as may be requested and desirable, including primary coordination with Joe VanDeventer, Director of Street Operations, Public Works Department. Contractor agrees that any information or documents, including digital GIS information, supplied by the Department pursuant to Article 3, below, shall be used by Contractor for this project only, and shall not be reused or reassigned for any other purpose without the written permission of the Department.

Article 2. **Standard of Care** Contractor shall be responsible for completion of the Services in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances ("Standard of Care"). The Department shall be the sole judge of the adequacy of Contractor's work in meeting the Standard of Care; however, the Department shall not unreasonably withhold its approval as to the adequacy of Contractor's performance. Upon notice to Contractor and by mutual agreement between the parties, Contractor will, without additional compensation, correct or replace any and all Services not meeting the Standard of Care.

Article 3. **Responsibilities of the Department** The Department shall provide all necessary information regarding requirements for the Services. The Department shall furnish such information as necessary for the orderly progress of the work, and Contractor shall be entitled to rely upon the accuracy and completeness of such information. The Department's Project Manager shall act on its behalf with respect to this Agreement.

Article 4. **Compensation** The Department shall pay Contractor for all fees and expenses in an amount not to exceed One Hundred and Seventeen Thousand Two Hundred and Twenty-Two Dollars ($117,222.00). Contractor shall submit an invoice to the Department upon the completion of the Services described in Article 1. The invoice shall be sent to: Joe VanDeventer, City of Bloomington, P.O. Box 100, Suite 130, Bloomington, Indiana 47402. Invoices may be sent via first class mail postage prepaid or via email. Payment will be remitted to Contractor within forty-five (45) days of receipt of invoice. Additional services not set forth in Article 1, or changes in the Services must be authorized in writing by the Department or its designated project coordinator prior to such work being performed, or expenses incurred. The Department shall not make payment for any unauthorized work or expenses.

Article 5. **Appropriation of Funds** Notwithstanding any other provision of this Agreement, if funds for the continued fulfillment of this Agreement by the Department are at any time not forthcoming or are insufficient, through failure of any entity, including the Department itself, to appropriate funds or otherwise, then the Department shall have the right to terminate this Agreement without penalty.

Article 6. **Schedule** Contractor shall perform the Services according to the following schedule:

Services will be on as needed basis upon request of the Department. The time limits established by this schedule shall not be exceeded, except for reasonable cause as mutually agreed to by all parties.

Article 7. Termination In the event of a party's substantial failure to perform in accordance with the terms of this Agreement, the other party shall have the right to terminate the Agreement upon written notice. The nonperforming party shall have fourteen (14) calendar days from the receipt of the termination notice to cure or to submit a plan for cure acceptable to the other party. Additionally, the Department may terminate or suspend performance of this Agreement at the Department's prerogative at any time upon written notice to Contractor. Contractor shall terminate or suspend performance of the Services on a schedule acceptable to the Department and the Department shall pay the Contractor for all the Services performed up to the date that written notice is received, plus reasonable termination or suspension expenses. Upon restart, an equitable adjustment shall be made to Contractor's compensation and the schedule of services. Upon termination or suspension of this Agreement, all finished or unfinished reports, drawings, collections of data and other documents generated by Contractor in connection with this Agreement shall become the property of the Department, as set forth in Article 9 herein.

Article 8. Identity of the Contractor Contractor acknowledges that one of the primary reasons for its selection by the Department to perform the Services is the qualifications and experience of Contractor. Contractor thus agrees that the Services to be performed pursuant to this Agreement shall be performed by Contractor. Contractor shall not subcontract any part of the Services without the prior written permission of the Department. The Department reserves the right to reject any of the Contractor's personnel or proposed outside professional sub-Contractors, and the Department reserves the right to request that acceptable replacement personnel be assigned to the project.

Article 9. Ownership of Documents and Intellectual Property All documents, drawings and specifications, including digital format files, prepared by Contractor and furnished to the Department as part of the Services shall become the property of the Department. Contractor shall retain its ownership rights in its design, drawing details, specifications, databases, computer software and other proprietary property. Intellectual property developed, utilized or modified in the performance of the Services shall remain the property of Contractor.

Article 10. Independent Contractor Status During the entire term of this Agreement, Contractor shall be an independent contractor, and in no event shall any of its personnel, agents or sub-contractors be construed to be, or represent themselves to be, employees of the Department. Contractor shall be solely responsible for the payment and reporting of all employee and employer taxes, including social security, unemployment, and any other federal, state, or local taxes required to be withheld from employees or payable on behalf of employees.

Article 11. Indemnification Contractor shall indemnify and hold harmless the City of Bloomington, the Department, and the officers, agents and employees of the City and the Department from any and all claims, demands, damages, costs, expenses or other liability arising out of the Agreement or occasioned by the reckless or negligent performance of any provision thereof, including, but not limited to, any reckless or negligent act or failure to act or any misconduct on the part of the Contractor or its agents or employees, or any independent contractors directly responsible to it (collectively "Claims").

Article 12. Insurance During the performance of any and all Services under this Agreement, Contractor shall maintain the following insurance in full force and effect: a) General Liability Insurance, with a minimum combined single limit of $1,000,000 for each occurrence and $2,000,000 in the aggregate; b) Automobile Liability Insurance, with a minimum combined single limit of $1,000,000 for each person and $1,000,000 for each accident; c) Workers' Compensation Insurance in accordance with the statutory requirements of Title 22 of the Indiana Code; and d) Professional Liability Insurance ("Errors and Omissions Insurance") with a minimum limit of $1,000,000 annual aggregate. All insurance policies shall be issued by an insurance company authorized to issue such insurance in the State of Indiana. The City of

Bloomington, the Department, and the officers, employees and agents of each shall be named as insureds under the General Liability, Automobile, and Worker's Compensation policies, and such policies shall stipulate that the insurance will operate as primary insurance and that no other insurance of the City's will be called upon to contribute to a loss hereunder. Contractor shall provide evidence of each insurance policy to the Department prior to the commencement of work under this Agreement.

Article 13. Conflict of Interest Contractor declares that it has no present interest, nor shall it acquire any interest, direct or indirect, which would conflict with the performance of Services under this Agreement. Contractor agrees that no person having any such interest shall be employed in the performance of this Agreement.

Article 14. Waiver No failure of either party to enforce a term of this Agreement against the other shall be construed as a waiver of that term, nor shall it in any way affect the party's right to enforce that term. No waiver by any party of any term of this Agreement shall be considered to be a waiver of any other term or breach thereof.

Article 15. Severability The invalidity, illegality or unenforceability of any provision of this Agreement or the occurrence of any event rendering any portion or provision of this Agreement void shall in no way affect the validity or enforceability of any other portion or provision of this Agreement. Any void provision shall be deemed severed from this Agreement, and the balance of the Agreement shall be construed and enforced as if it did not contain the particular provision to be held void. The parties further agree to amend this Agreement to replace any stricken provision with a valid provision that comes as close as possible to the intent of the stricken provision. The provisions of this Article shall not prevent this entire Agreement from being void should a provision which is of the essence of this Agreement be determined void.

Article 16. Assignment Neither the Department nor the Contractor shall assign any rights or duties under this Agreement without the prior written consent of the other party. Unless otherwise stated in the written consent to an assignment, no assignment will release or discharge the assignor from any obligation under this Agreement.

Article 17. Third Party Rights Nothing in this Agreement shall be construed to give any rights or benefits to anyone other than the parties.

Article 18. Governing Law and Venue This Agreement shall be governed by the laws of the State of Indiana. Venue of any disputes arising under this Agreement shall be in the Monroe Circuit Court, Monroe County, Indiana.

Article 19. Non-Discrimination Contractor shall comply with City of Bloomington Ordinance 2.21.020 and all other federal, state and local laws and regulations governing non-discrimination in all regards, including, but not limited to, employment. Contractor understands that the City of Bloomington prohibits its employees from engaging in harassment or discrimination of any kind, including harassing or discriminating against independent contractors doing work for the City. If the Contractor believes that a City employee engaged in such conduct towards Contractor and/or any of its employees, Contractor or its employees may file a complaint with the City department head in charge of the Contractor's work and/or with the City human resources department or the Bloomington Human Rights Commission. The City takes all complaints of harassment and discrimination seriously and will take appropriate disciplinary action if it finds that any City employee engaged in such prohibited conduct.

Article 20. Compliance with Laws In performing the Services under this Agreement, Contractor shall comply with any and all applicable federal, state and local statutes, ordinances, plans and regulations, including any and all regulations for protection of the environment. Where such statutes, ordinances, plans

or regulations of any public authority having any jurisdiction over the project are in conflict, Contractor shall proceed using its best judgment only after attempting to resolve any such conflict between such governmental agencies, and shall notify the Department in a timely manner of the conflict, attempts of resolution, and planned course of action.

Article 21. E-Verify Contractor is required to enroll in and verify the work eligibility status of all newly-hired employees through the E-Verify program. (This is not required if the E-Verify program no longer exists). Contractor shall sign an affidavit, attached as Exhibit A, affirming that Contractor does not knowingly employ an unauthorized alien. Contractor shall require any subcontractors performing work under this contract to certify to the Contractor that, at the time of certification, the subcontractor does not knowingly employ or contract with an unauthorized alien and the subcontractor has enrolled in and is participating in the E-Verify program. Contractor shall maintain on file all subcontractors' certifications throughout the term of the contract with the City.

Article 22. Notices Any notice required by this Agreement shall be made in writing to the individuals/addresses specified below:
Department: City of Bloomington, Attn: Joe VanDeventer, P.O. Box 100, Suite 130, Bloomington, Indiana 47402.
Contractor: TAPCO, Traffic $ Parking Control Co., Inc., Attn: Lindsay Harvey, 5100 E Brown Deer Rd, Milwaukee, WI 53223.
Nothing contained in this Article shall be construed to restrict the transmission of routine communications between representatives of the Department and Contractor.

Article 23. Integration and Modification This Agreement, including all Exhibits incorporated by reference, represents the entire and integrated agreement between the Department and the Contractor. It supersedes all prior and contemporaneous communications, representations and agreements, whether oral or written, relating to the subject matter of this Agreement. This Agreement may be modified only by a written amendment signed by both parties hereto.

Article 24. Non-Collusion Contractor is required to certify that it has not, nor has any other member, representative, or agent of Contractor, entered into any combination, collusion, or agreement with any person relative to the price to be offered by any person nor prevented any person from making an offer nor induced anyone to refrain from making an offer and that this offer is made without reference to any other offer. Contractor shall sign an affidavit, attached hereto as Exhibit B, affirming that Contractor has not engaged in any collusive conduct. Exhibit B is attached hereto and incorporated by reference as though fully set forth.

Article 25: Renewal This Agreement may be renewed for two additional one-year terms so long as none of the terms and conditions herein are modified in any way. Renewal shall only occur upon advanced written notice by the City to the Contractor that the City wishes to renew the Agreement at least thirty (30) days, but not more than sixty (60) days, prior to the end of the current term

CITY OF BLOOMINGTON

Beth Cates, Corporation Counsel

TOPCO, Traffic & Parking Control Co., Inc.

Lindsay Harvey, Contractor Representative

CITY OF BLOOMINGTON PUBLIC WORKS

Adam Wason, Public Works Director

Kyla Cox Deckard, President, Board of Public Works

EXHIBIT B

STATE OF ~~XXXXXXX~~ Wisconsin)
) SS:
COUNTY OF Milwaukee)

NON-COLLUSION AFFIDAVIT

The undersigned offeror or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be offered by any person nor to prevent any person from making an offer nor to induce anyone to refrain from making an offer and that this offer is made without reference to any other offer.

OATH AND AFFIRMATION

I affirm under the penalties of perjury that the foregoing facts and information are true and correct to the best of my knowledge and belief.

Dated this 1st day of May, 20 23.

TAPCO, Traffic & Parking Control Co. Inc.

By: Patrick A. Callahan

Patrick A. Callahan, General Counsel

STATE OF ~~XXXXXXX~~ Wisconsin)
) SS:
COUNTY OF Milwaukee)

Before me, a Notary Public in and for said County and State, personally appeared Patrick A. Callahan and acknowledged the execution of the foregoing this 1st day of May, 20~~XX~~23

Cheryl R Cieslewicz
Notary Public Printed Name

Cheryl R Cieslewicz
Notary Public's Signature

CHERYL R. CIESLEWICZ NOTARY PUBLIC STATE OF WISCONSIN

My Commission Expires: 2/27/2026

County of Residence: Milwaukee

My Commission #: _____

EXHIBIT A
E-VERIFY AFFIDAVIT

STATE OF ~~XXXXXXX~~ Wisconsin)
)SS:
COUNTY OF Milwaukee)

AFFIDAVIT

The undersigned, being duly sworn, hereby affirms and says that:

1. The undersigned is the General Counsel (job title) of Traffic and Parking Control Co., Inc. (company name).
2. The company named herein that employs the undersigned:
   i. has contracted with or seeking to contract with the City of Bloomington to provide services; **OR**
   ii. is a subcontractor on a contract to provide services to the City of Bloomington.
3. The undersigned hereby states that, to the best of his/her knowledge and belief, the company named herein does not knowingly employ an "unauthorized alien," as defined at 8 United States Code 1324a(h)(3).
4. The undersigned herby states that, to the best of his/her belief, the company named herein is enrolled in and participates in the E-verify program.

Patrick A. Callahan
Signature

Patrick A. Callahan
Printed Name

STATE OF ~~XXXXXXX~~ Wisconsin)
)SS:
COUNTY OF Milwaukee)

Before me, a Notary Public in and for said County and State, personally appeared Patrick A. Callahan and acknowledged the execution of the foregoing this 1st day of May, 2023.

Cheryl R Cieslewicz
Notary Public Printed Name

Cheryl R Cieslewicz
Notary Public's Signature

My Commission Expires: 2/27/2026

County of Residence: Milwaukee

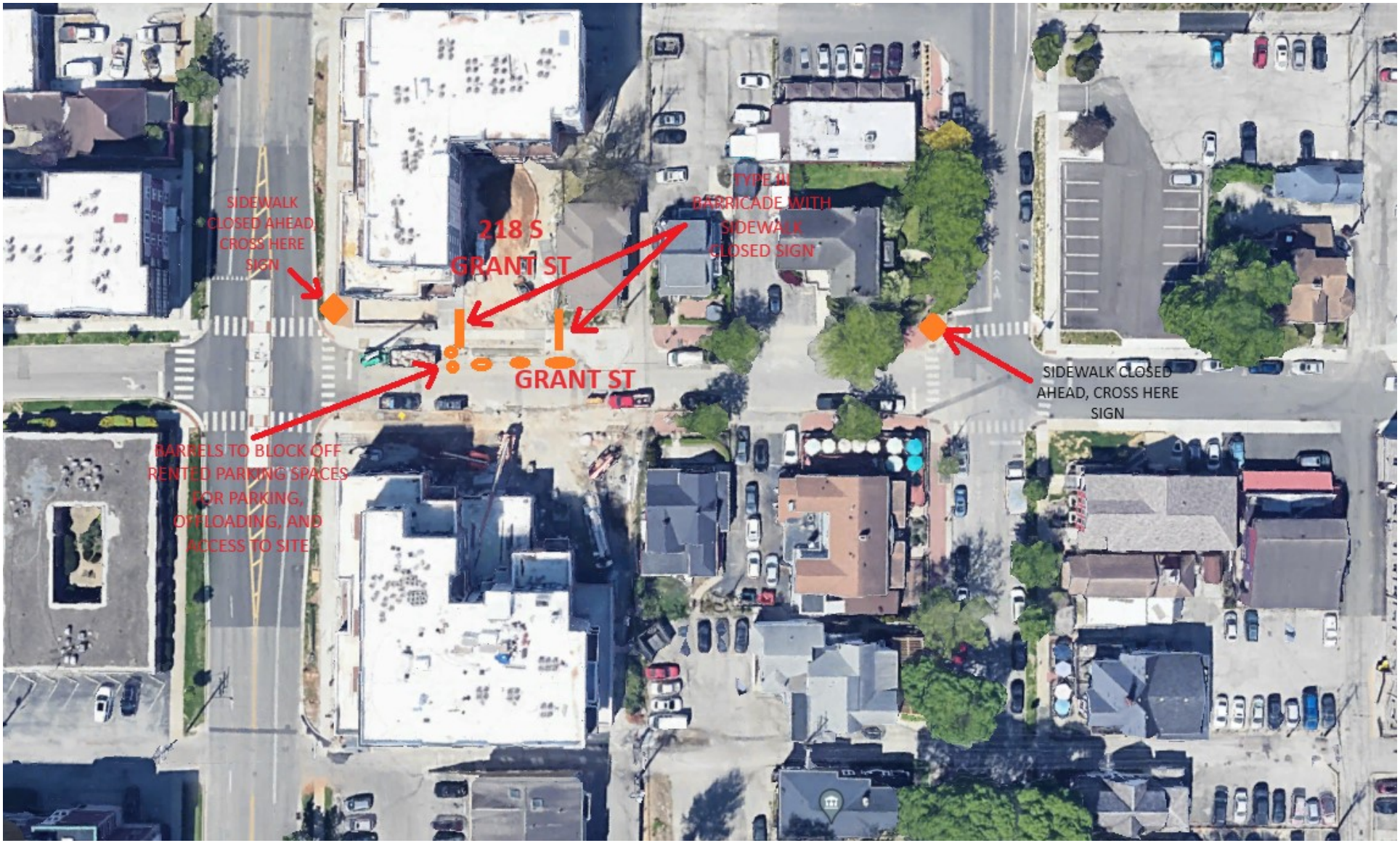
My Commission #: _____

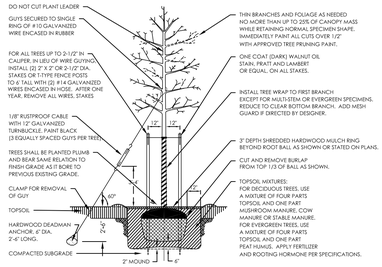
CHERYL R. CIESLEWICZ NOTARY PUBLIC STATE OF WISCONSIN

Board of Public Works
Staff Report

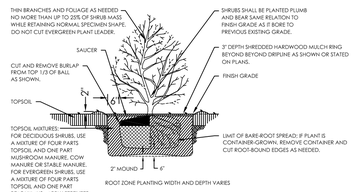
Project/Event:	Gilliatte General Contractors
Staff Representative:	Kyle Baugh
Petitioner/Representative:	Thomas Rittman
Date:	February 27, 2024

Report: Gilliatte General Contractors is requesting metered parking reservation for 3 parking stalls on the west side of S Grant St. This request is to accommodate construction crew parking at 228 S Grant. The reservation would be in place from February 28th 2024 through May 8th 2024 (10 weeks).


SIDEWALK CLOSED AHEAD, CROSS HERE SIGN
218 S GRANT ST
TYPE III BARRICADE WITH SIDEWALK CLOSED SIGN
GRANT ST
SIDEWALK CLOSED AHEAD, CROSS HERE SIGN
BARRELS TO BLOCK OFF RENTED PARKING SPACES FOR PARKING, OFFLOADING, AND ACCESS TO SITE



TREE PLANTING (with GUYING or STAKING)
NOT to SCALE



SHRUB PLANTING
NOT to SCALE

LANDSCAPE PLANT LIST

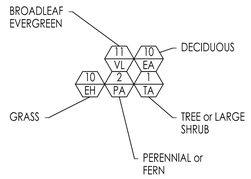
SYMBOL	MARK	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE & CONDITION
		LARGE DECIDUOUS TREES			
	AR	ACER REBRUM 'FRANKSRED'	RED SUNSET 'RED' MAPLE	-	2" CAL., B & B
		DECIDUOUS ORNAMENTAL and SMALL STREETSCAPE TREES			
	Aa	AMELANCHIOR arborea	DOWNY SERVICEBERRY	1	2" CAL., B & B
	GB	GINKO BILOBA	PRINCETON SENTRY GINKO	2	2" CAL., B & B
		DECIDUOUS and BROADLEAF EVERGREEN SHRUBS			
	CA	CEANOTHUS AMERICANUS	NEW JERSEY TEA	-	3 GALLON
	FG	FOTHERGILLA GARDENII	DWARF FOTHERGILLA	4	3 GALLON
	IV	ITEA VIRGINICA SPRICH	LITTLE HENRY SWEETSPIRE	-	3 GALLON
	VP	VIBURNUM DENTATUM	ARROWWOOD VIBURNUM	-	3 GALLON
		PERENNIALS, GRASSES and FERNS			
	AA	ASTER AZUREUS	SKY BLUE ASTER	-	1 GALLON
	CP	CAREX PENSYLVANICA	COMMON OAK SEDGE	11	1 GALLON
	KC	KOELERIA CRISTATA	JUNE GRASS	2	1 GALLON

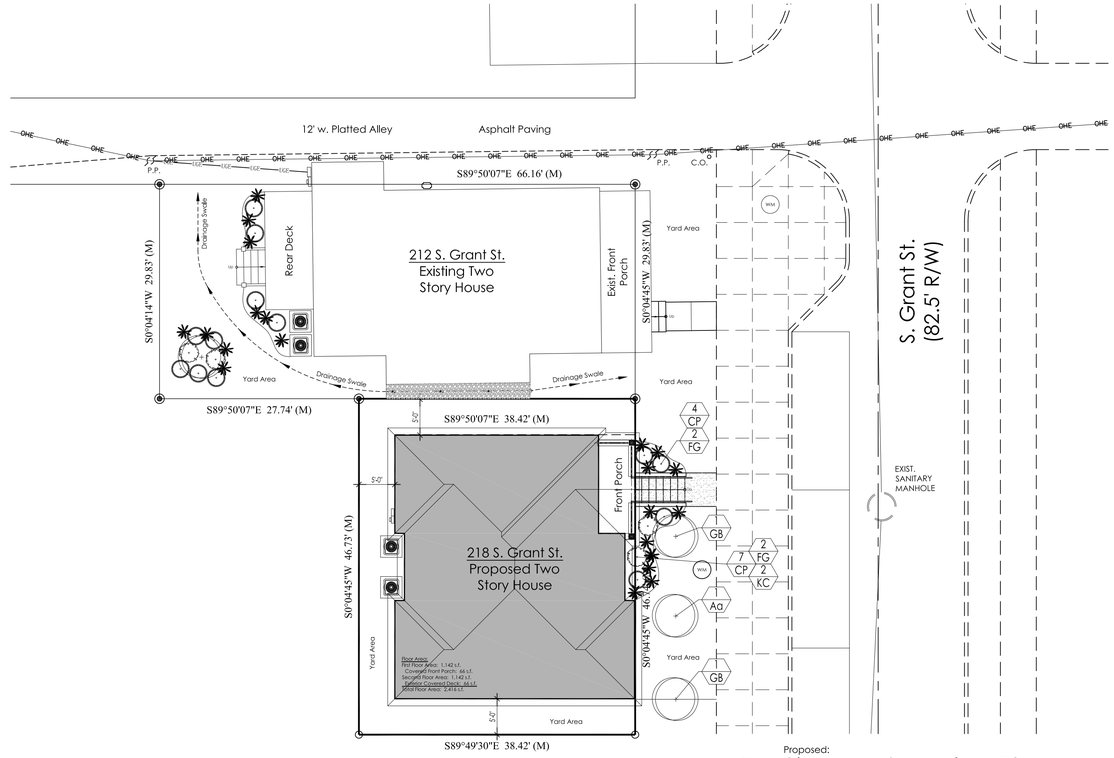
NOTE: MINIMUM SIZE for PERENNIALS, GRASSES, FERNS and ENDANGERED PLANTS to BE 1 GALLON. IF 1 GALLON SIZES ARE UNAVAILABLE, 2 PLUGS (MINIMUM 2"x3") CAN BE SUBSTITITED for ONE, 1 GALLON PLANT

*CONTAINER OR BALL AND BURLAP CONDITION ACCEPTABLE

NOTE: PLANT SUBSTITUTIONS NOT PERMITTED WITHOUT PRIOR APPROVAL FROM C.O.B. PLANNING (812) 349-3423

PLANT LABELING LEGEND:



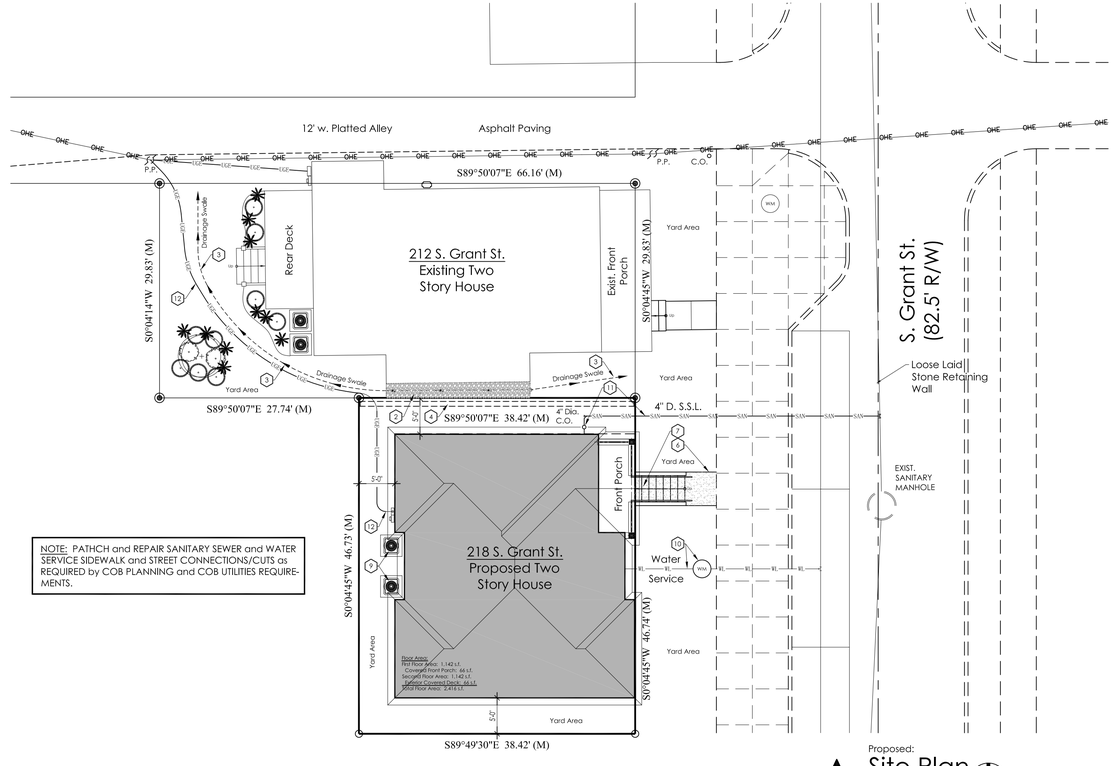


B Proposed:
Site Landscaping Plan
Scale: 1" = 10'-0"

SITE PLAN NOTES:

1. NOT USED.
2. LANDSCAPE GRAVEL on (2) - LAYERS of 10 mil VISQUEEN.
3. DRAINAGE SWALE with FLOW LINE SLOPE of ⅛" PER FOOT (MINIMUM).
4. REMOVE HEAVY TIMBER RETAINING WALL and ADJUST GRADE BETWEEN BUILDINGS as SHOWN.
5. NOT USED.
6. NEW 4'-8" w. CONC. SIDEWALK.
7. NEW POURED CONC. ENTRY STEPS.
8. NEW WOOD FRAMED REAR DECK and STAIRS.
9. NEW HVAC EXTERIOR CONDENSING UNITS on CONC. PADS.
10. NEW WATER SERVICE LINE and METER.
11. NEW SAN. SEWER LINE and CLEAN OUT.
12. NEW UNDERGROUND ELECTRICAL SERVICE LINE from EXISTING POWER POLE.

NOTE: CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS and DEPTHS and NOTIFY ARCHITECT/ENGINEER of ANY INACCURACIES IN LOCATION or ELEVATION or ANY CONFLICTS PRIOR to and AFTER ANY EXCAVATION. NO PAYMENT SHALL BE MADE to CONTRACTOR for UTILITY DESTRUCTION or UNDERGROUND CHANGES REQUIRED DUE to CONFLICTING ELEVATIONS.



NOTE: PATHCH and REPAIR SANITARY SEWER and WATER SERVICE SIDEWALK and STREET CONNECTIONS/CUTS as REQUIRED by COB PLANNING and COB UTILITIES REQUIREMENTS.

A Proposed:
Site Plan
Scale: 1" = 10'-0"

mca MARC CORNETT ARCHITECTS
101 EAST KIRKWOOD AVE.
BLOOMINGTON, INDIANA 47408
P 812.325.5964 EMAIL: marccornettl@yahoo.com

CERTIFIED
REGISTERED ARCHITECT
STATE OF INDIANA
Marc H. Cornett

REVISIONS

Proposed:
GRANT STREET RESIDENCE
218 S. Grant Street
Bloomington, Indiana

PROJECT NO.: 2023-06
DATE: 11.13.23
DRAWN BY:
CHECKED BY: MHC

PROPOSED SITE PLAN and LANDSCAPING PLAN

C.101

Board of Public Works
Staff Report

Project/Event:	Kiln Redevelopment
Staff Representative:	Kyle Baugh
Petitioner/Representative:	Shawn Eurton
Date:	February 27th, 2024

Report: Mother Nature Landscaping is requesting intermittent alleyway closures in northern end of the north/south alley between Madison St and Morton St. This request is to accommodate material deliveries and equipment movement. The traffic control would be in place from February 1st, 2024 until June 9th, 2024. Mother Nature Landscaping has provided maintenance of traffic plans for all work.

CITY OF BLOOMINGTON
RIGHT-OF-WAY USE PERMIT APPLICATION

401 N Morton Street, Suite 130
P.O. Box 100
Bloomington, IN 47402

Phone: (812) 349-3913
Fax: (812) 349-3520
Email:
engineering@bloomington.in.gov

☒ ROW EXCAVATION ☒ ROW USE

ADDRESS OF ROW ACTIVITY: 648 N. Madison

A. APPLICANT/AGENT INFORMATION:

APPLICANT NAME: Shawn Eurton
E-MAIL: Seurton3@gmail.com
COMPANY: Mother Nature Landscaping
ADDRESS: 4848 S. Walnut Pike
CITY, STATE, ZIP: Bloomington, IN 47401
24-HR EMERGENCY CONTACT NAME: Shawn Eurton
24-HR CONTACT PHONE #: 812-322-7303
INSURANCE #*: S2281125 COMPANY: Selective
BOND#*: 100166936 COMPANY: Merchants
* INSURANCE & BOND MUST BE ON FILE WITH THE CITY BEFORE PERMIT WILL BE ISSUED

****SUBCONTRACTOR INFORMATION****

(LIST ALL COMPANIES WORKING UNDER PRIMARY CONTRACTOR PERMIT)

COMPANY NAME: Snedegar, Mother Nature

B. WORK DESCRIPTION:

☐ POD/DUMPSTER ☐ CRANE ☐ SCAFFOLDING ☒ CONSTRUCTION USE*
(EXPLAIN): Utility connection, Soil removal, Buried 4" line
*EXCAVATION, LONG TERM USE FOR STORAGE OF MATERIAL/EQUIPMENT/WALKAROUND

C. RIGHT OF WAY TO BE USED/CLOSED:

STREET NAME 1: 11th St.
1ST INTERSECTING STREET NAME: ~~Rogers~~ Madison
2ND INTERSECTING STREET NAME: Morton
☒ ROAD CLOSURE ☒ LANE CLOSURE 1☒ 2☐ 3☐
☐ SIDEWALK* ☐ BIKE LANE ☐ OTHER
TRANSIT STOP? ☐ Y ☒ N PARKING LANE(S)** ☒ Y ☐ N **NON-METERED
START DATE: 2/1/24 END DATE: 2/29/24 # OF DAYS*: 29

STREET NAME 2: N-Salley east of Kiln
1ST INTERSECTING STREET NAME: 11th St.
2ND INTERSECTING STREET NAME: 10th St.
☐ ROAD CLOSURE ☐ LANE CLOSURE 1☐ 2☐ 3☐
☐ SIDEWALK* ☐ BIKE LANE ☒ OTHER Alley-intermittent
TRANSIT STOP? ☐ Y ☒ N PARKING LANE(S)** ☐ Y ☒ N **NON-METERED
START DATE: 10/23/23 END DATE: 6/9/24 # OF DAYS*: 230

*SIDEWALK CLOSURES FOR A PERIOD OR PERIODS TOTALING 24HRS OR MORE SHALL INSTALL A WALKAROUND UNLESS OTHERWISE APPROVED DURING REVIEW

STANDARD CLOSURE HOURS MON-FRI*: 9:00 AM - 3:00 PM & 6:00 PM - 9:00 PM

STANDARD CLOSURE HOURS ☒ *NON-STANDARD CLOSURE HOURS ☐
REQUESTED CLOSURE HOURS: _____ AM - _____ PM
***non-standard hours may not be allowed near schools, on arterials, or other circumstances and are subject to approval during the permitting process**
BMC 14.09.040 allows work from 6 AM to 10 PM without violating the noise ordinance (7AM to 9PM for pneumatic hammers)

D. TRAFFIC CONTROL DEVICES*:

☒ CONES	☐ ARROWBOARD
☐ LIGHTED BARRELS	☐ TYPE 3 BARRICADES
☐ FLAGGERS	☐ BPD OFFICER

*PROVIDING MUTCD COMPLIANT TEMPORARY TRAFFIC CONTROL DEVICES AND MAINTENANCE OF TRAFFIC (MOT)PLAN IS YOUR RESPONSIBILITY AND REQUIRED
See page 3 for additional MOT resources; the graph paper can be used for your MOT site plan if needed or you can submit a separate sheet

E. METERED PARKING SPACES NEEDED: ☐ Y ☒ N

IT IS THE RESPONSIBILITY OF THE APPLICANT TO RESERVE PARKING METER(S) APPLICATION LOCATED: https://bloomington.in.gov/transportation/parking/
moving OR CONTACT PARKING SERVICES WITH QUESTIONS AT (812)349-3436

F. IS THIS A ☒ CBU* ☐ COUNTY* ☐ IU* ☐ NP* PROJECT?

PROJECT NAME: Kiln Redevelopment
PROJECT #: C-23-192
PROJECT MGR.: Kiln Collective LLC
PROJECT MGR. #: (812) 322-7303
*CBU = CITY OF BLOOMINGTON UTILITIES *COUNTY = MONROE COUNTY
*IU= INDIANA UNIVERSITY *NP= NOT-FOR-PROFIT AGENCY

G. EXCAVATIONS:

SQ FT OF PAVEMENT* EXCAVATIONS: 51'x3'(153#)
*PAVEMENT INCLUDES: IN OR UNDER CONCRETE, OR ASPHALT INCLUDING CURBS
SQ FT OF NON-PAVEMENT* EXCAVATIONS: 150 ☐
*DIRT, GRASS, GRAVEL, LANDSCAPE AREA OR OTHER UNPAVED SURFACE
LINEAL FT OF BORE*: 60'
*BORE PITS SHALL BE CALCULATED AS SQ FT EXCAVATIONS
OF POLE INSTALLATIONS/REMOVAL: 0
SQ FT OF SIDEWALK RECONSTRUCTION*: 100 ☐
*CONCRETE OR ASPHALT SIDEWALK/PATH BEING IMPROVED/REPLACED
SQ FT OF SIDEWALK NEW CONSTRUCTION*: 0
*CONCRETE OR ASPHALT SIDEWALK/PATH THAT IS NEW INFRASTRUCTURE
#RESIDENTIAL DRIVEWAY INSTALLATION: 0

Indiana811 Know what's below. Call before you dig.
TO SUBMIT A LOCATE REQUEST 24 HRS A DAY, 7 DAYS A WEEK
CALL 811 OR 800-382-5544
CALL 2 WORKING DAYS BEFORE YOU DIG.
ITS THE LAW.

H. INDEMNIFICATION AGREEMENT:

The petitioner/applicant hereby agrees to hold harmless, defend and to indemnify the City of Bloomington from or against all claims, action, damages and expenses, including but not limited to reasonable attorney's fees or any alleged injury and/or death to any person or damage to any property arising, or alleged to have arisen out of any act of commission or omission on the part of the petitioner/applicant, his/her heirs, successors, or assigns regardless of whether such acts are the direct or indirect result of the public right-of-way use pursuant to this permit grant.

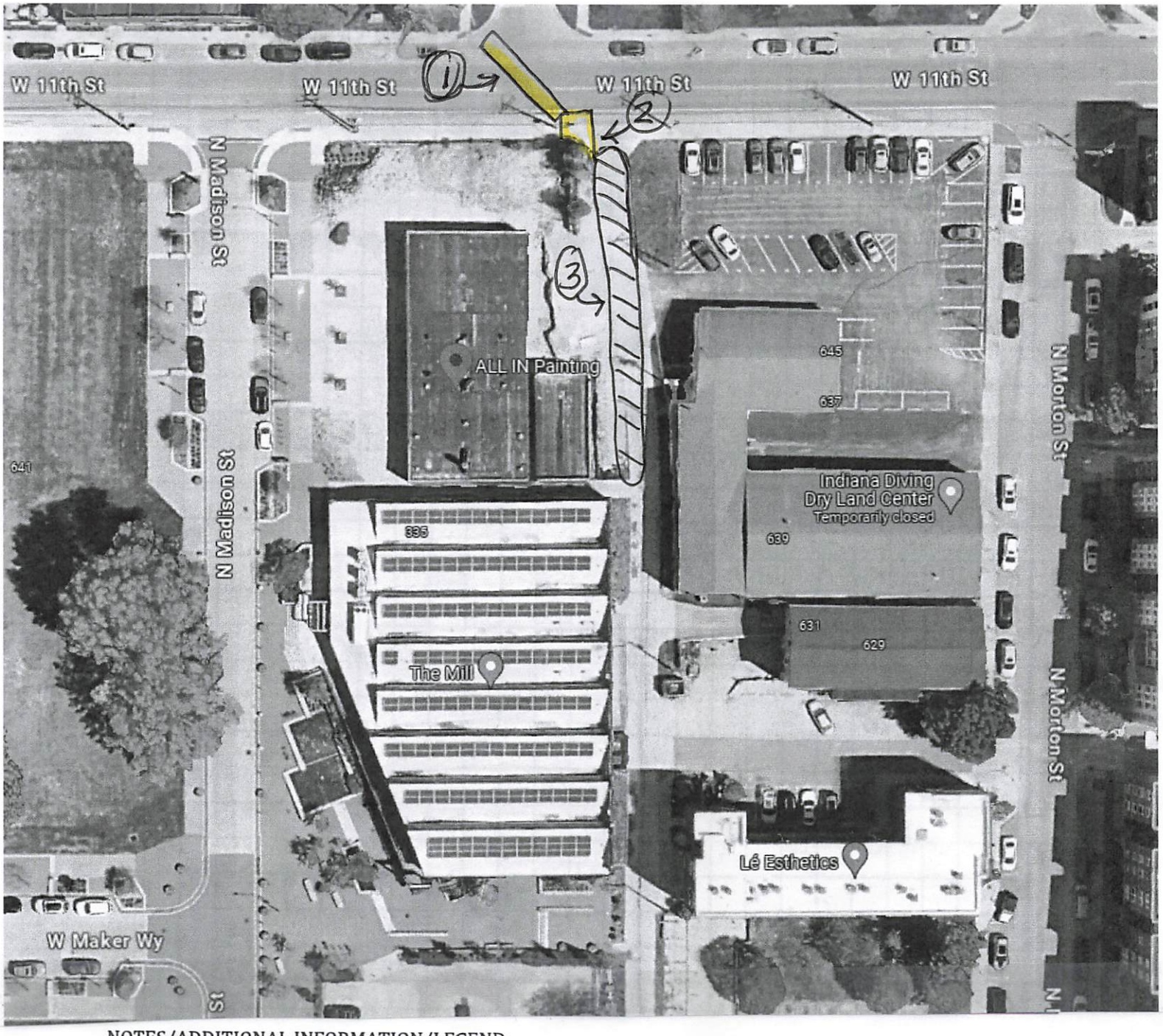
I AFFIRM, UNDER THE PENALTIES FOR PERJURY, THAT THE FOREGOING REPRESENTATIONS ARE TRUE.

PRINT NAME: Shawn Eurton
SIGNATURE: [signature]
DATE: 10/23/23

For Administration Use Only (applicable to CLOSURE approval)

Approved By: _____ ☐ BPW ☐ City Engineer ☐ Director Date: _____

Staff Representative: _____ Phone#: _____ Date: _____

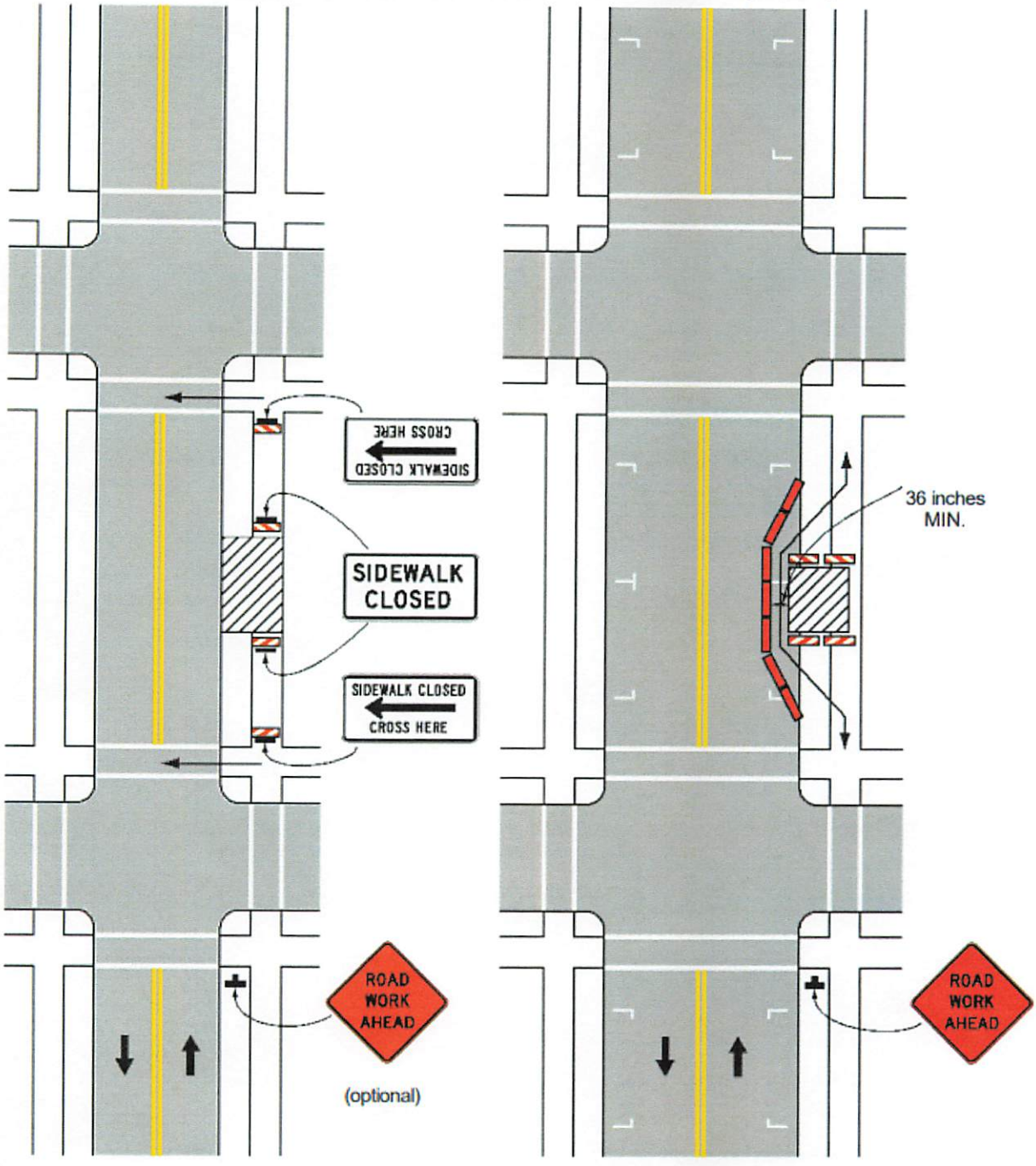


NOTES/ADDITIONAL INFORMATION/LEGEND:

(1) 5' x 3' excavation (Snedegar) for utility connection
(2) 100' sidewalk reconstruction
(3) Intermittent alley closure

Additional Temporary Traffic Control Resource(s):
MUTCD https://mutcd.fhwa.dot.gov/htm/2009/part6/part6_toc.htm

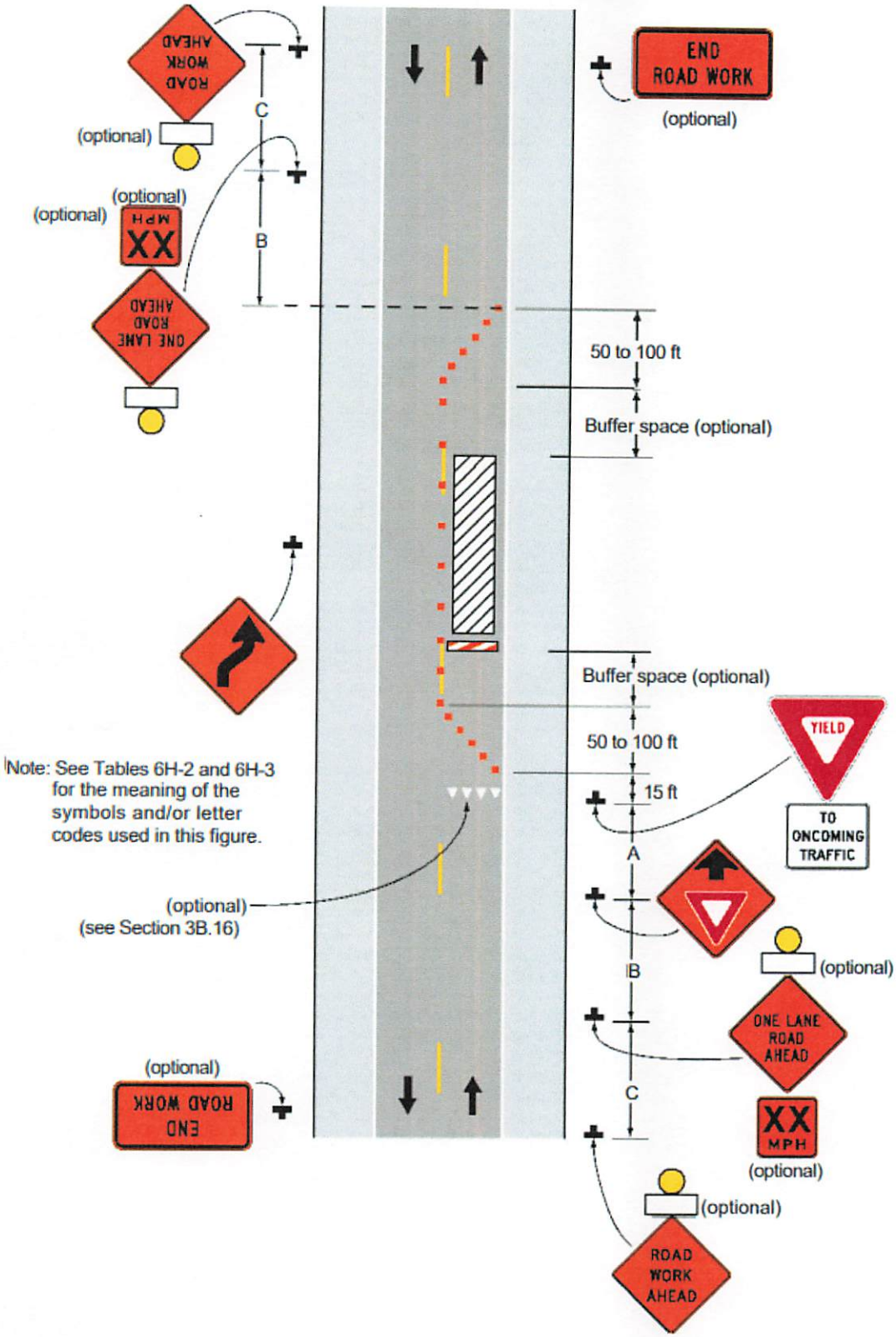
Figure 6H-28. Sidewalk Detour or Diversion (TA-28)



Typical Application 28

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Figure 6H-11. Lane Closure on a Two-Lane Road with Low Traffic Volumes (TA-11)



Typical Application 11

REGISTER OF PAYROLL CLAIMS

Board: Board of Public Works Claim Register

Date:	Type of Claim	FUND	Description	Bank Transfer	Amount
2/23/2024	Payroll				583,261.55
					583,261.55

ALLOWANCE OF CLAIMS

We have examined the claims listed on the foregoing register of claims, consisting of **1** claim, and except for the claims not allowed as shown on the register, such claims are hereby allowed in the total amount of **$ 583,261.55**

Dated this 27th day of February year of 2024.

Kyla Cox Deckard, President	Elizabeth Karon, Vice President	James Roach, Secretary

I hereby certify that each of the above listed voucher(s) or bill(s) is (are) true and correct and I have audited same in accordance with IC 5-11-10-1.6.

Fiscal Officer_____

Board of Public Works
Staff Report

Project/Event:	INDOT Project R-41465
Staff Representative:	Kyle Baugh
Petitioner/Representative:	Dwight Cline
Date:	February 27th, 2024

Report: Milestone Contractors is requesting road and sidewalk closures on Smith Rd at the State Road 46 intersection for intersection improvements. The work is planned to be completed in two phases: north of SR 46 and south of SR 46. The south side is planned to start first on 3/12/24 with an expected completion date of 4/26/34. The second phase is planned for the north side starting on 4/29/24 and expected to be completed on 6/13/24. Milestone Contractors has supplied maintenance of traffic plans for all work that includes vehicle and pedestrian detours for each phase.

CITY OF BLOOMINGTON
RIGHT-OF-WAY USE PERMIT APPLICATION

401 N Morton Street, Suite 130
P.O. Box 100
Bloomington, IN 47402

Phone: (812) 349-3913
Fax: (812) 349-3520
Email:
engineering@bloomington.in.gov

☑ ROW EXCAVATION ☐ ROW USE

ADDRESS OF ROW ACTIVITY: DUNN ST to INDIANA AVE

A. APPLICANT/AGENT INFORMATION:

APPLICANT NAME: Dwight Cline
E-MAIL: dcline@MILESTONELP.COM
COMPANY: MILESTONE CONTRACTORS
ADDRESS: 4755 W ARLINGTON RD
CITY, STATE, ZIP: BLOOMINGTON,IN,47403
24-HR EMERGENCY CONTACT NAME: Travis Summerville
24-HR CONTACT PHONE #: 812-345-9457
INSURANCE #*: _____ COMPANY: _____
BOND#*: _____ COMPANY: _____
* INSURANCE & BOND MUST BE ON FILE WITH THE CITY BEFORE PERMIT WILL BE ISSUED

****SUBCONTRACTOR INFORMATION****

(LIST ALL COMPANIES WORKING UNDER PRIMARY CONTRACTOR PERMIT)

COMPANY NAME:

B. WORK DESCRIPTION:

☐ POD/DUMPSTER ☐ CRANE ☐ SCAFFOLDING ☑ CONSTRUCTION USE*
(EXPLAIN):

*EXCAVATION, LONG TERM USE FOR STORAGE OF MATERIAL/EQUIPMENT/WALKAROUND

C. RIGHT OF WAY TO BE USED/CLOSED:

STREET NAME 1: S. Smith Road
1ST INTERSECTING STREET NAME: 3rd SR (SR 46)
2ND INTERSECTING STREET NAME: E Hagan St.
☑ ROAD CLOSURE ☐ LANE CLOSURE 1 ☐ 2 ☐ 3 ☐
☒ SIDEWALK* ☐ BIKE LANE ☐ OTHER
TRANSIT STOP? ☐ Y ☐ N PARKING LANE(S)** ☐ Y ☐ N **NON-METERED
START DATE: 3/12/24 END DATE: 4/26/24 # OF DAYS*: 45

STREET NAME 2: S. SMith Road
1ST INTERSECTING STREET NAME: 3rd Street (SR 46)
2ND INTERSECTING STREET NAME: E. Morningside
☑ ROAD CLOSURE ☐ LANE CLOSURE 1 ☐ 2 ☐ 3 ☐
☒ SIDEWALK* ☐ BIKE LANE ☐ OTHER
TRANSIT STOP? ☐ Y ☐ N PARKING LANE(S)** ☐ Y ☐ N **NON-METERED
START DATE: 4/29/24 END DATE: 6/13/24 # OF DAYS*: 45

*SIDEWALK CLOSURES FOR A PERIOD OR PERIODS TOTALING 24HRS OR MORE SHALL INSTALL A WALKAROUND UNLESS OTHERWISE APPROVED DURING REVIEW

STANDARD CLOSURE HOURS MON-FRI*: 9:00 AM - 3:00 PM & 6:00 PM - 9:00 PM

STANDARD CLOSURE HOURS ☑ *NON-STANDARD CLOSURE HOURS ☐
REQUESTED CLOSURE HOURS: _____ AM - _____ PM
***non-standard hours may not be allowed near schools, on arterials, or other circumstances and are subject to approval during the permitting process**
BMC 14.09.040 allows work from 6 AM to 10 PM without violating the noise ordinance (7AM to 9PM for pneumatic hammers)

D. TRAFFIC CONTROL DEVICES*:

☑ CONES	☐ ARROWBOARD
☑ LIGHTED BARRELS	☑ TYPE 3 BARRICADES
☐ FLAGGERS	☐ BPD OFFICER

*PROVIDING MUTCD COMPLIANT TEMPORARY TRAFFIC CONTROL DEVICES AND MAINTENANCE OF TRAFFIC (MOT)PLAN IS YOUR RESPONSIBILITY AND REQUIRED
See page 3 for additional MOT resources; the graph paper can be used for your MOT site plan if needed or you can submit a separate sheet

E. METERED PARKING SPACES NEEDED: ☐ Y ☑ N

IT IS THE RESPONSIBILITY OF THE APPLICANT TO RESERVE PARKING METER(S) APPLICATION LOCATED: https://bloomington.in.gov/transportation/parking/moving OR CONTACT PARKING SERVICES WITH QUESTIONS AT (812)349-3436

F. IS THIS A ☐ CBU* ☐ COUNTY* ☐ IU* ☑ NP* PROJECT?

PROJECT NAME: Smith Road Intersection Improvement
PROJECT #: R-41465
PROJECT MGR.: Dwight Cline
PROJECT MGR. #: 317-412-0448
***CBU = CITY OF BLOOMINGTON UTILITIES *COUNTY = MONROE COUNTY**
***IU= INDIANA UNIVERSITY *NP= NOT-FOR-PROFIT AGENCY**

G. EXCAVATIONS:

SQ FT OF PAVEMENT* EXCAVATIONS : 11,797
*PAVEMENT INCLUDES: IN OR UNDER CONCRETE, OR ASPHALT INCLUDING CURBS
SQ FT OF NON-PAVEMENT* EXCAVATIONS: 80
*DIRT, GRASS, GRAVEL, LANDSCAPE AREA OR OTHER UNPAVED SURFACE
LINEAL FT OF BORE*: 0
*BORE PITS SHALL BE CALCULATED AS SQ FT EXCAVATIONS
OF POLE INSTALLATIONS/REMOVAL: 0
SQ FT OF SIDEWALK RECONSTRUCTION*: _____
*CONCRETE OR ASPHALT SIDEWALK/PATH BEING IMPROVED/REPLACED
SQ FT OF SIDEWALK NEW CONSTRUCTION*: 87
*CONCRETE OR ASPHALT SIDEWALK/PATH THAT IS NEW INFRASTRUCTURE
#RESIDENTIAL DRIVEWAY INSTALLATION: 2

Indiana 811 Know what's below. Call before you dig.

TO SUBMIT A LOCATE REQUEST 24 HRS A DAY,
7 DAYS A WEEK
CALL 811 OR 800-382-5544
CALL 2 WORKING DAYS BEFORE YOU DIG.
ITS THE LAW.

H. INDEMNIFICATION AGREEMENT:

The petitioner/applicant hereby agrees to hold harmless, defend and to indemnify the City of Bloomington from or against all claims, action, damages and expenses, including but not limited to reasonable attorney's fees or any alleged injury and/or death to any person or damage to any property arising, or alleged to have arisen out of any act of commission or omission on the part of the petitioner/applicant, his/her heirs, successors, or assigns regardless of whether such acts are the direct or indirect result of the public right-of-way use pursuant to this permit grant.

I AFFIRM, UNDER THE PENALTIES FOR PERJURY, THAT THE FOREGOING REPRESENTATIONS ARE TRUE.

PRINT NAME: Dwight Cline
SIGNATURE: _____
DATE: 2/13/24

For Administration Use Only (applicable to CLOSURE approval)

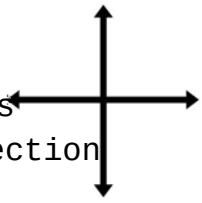
Approved By: _____ ☐ BPW ☐ City Engineer ☐ Director Date: _____

Staff Representative: _____ Phone#: _____ Date: _____

- A permit **MUST** be obtained for ALL activities located within the right-of-way such as: excavations, use, obstruction, trenching, boring, etc.
- Expect a 5-7 day (business day) turn-around time on standard permit requests. If permit includes use of the right of way for a Road closure, sidewalk/bike/lane closures on an arterial, or any closure over 14 days expect the turn around time to be longer.
- The applicant **MUST be bonded and insured** with the City of Bloomington to obtain permits to excavate within public Right of Way and for right of way use.
- The applicant **MUST** attach a site plan which identifies the following:
(1) The specific location of all utilities already located in the right-of-way. (2) The specific location of all signs already located in the right-of-way. (3) The specific location of all structures already located in the right-of-way. (4) The distance from all streets, alleys, driveways, entrances, intersections, and/or road cuts wherein the excavation will be made and the specific location of the device or structure being installed as a result of the excavation. (5) The specific location of all proposed utilities. (6) Lattitude and Longitude of the project location.
- The applicant must specify the area(s) being restricted (traffic lane, shoulder, sidewalk, bike lane or parking lane). Please indicate if restricting access to: Metered parking or Bloomington Transit Bus Stops.
- To apply for a ***TOTAL ROAD CLOSURE*** , the applicant must submit an MUTCD compliant mainteance of traffic plan that includes Detour route signs. The application should be submitted for review and approval two (2) weeks prior to the start date to ensure ample review and approval time. The applicant must notify all adjacent affected businesses, churches, schools, and residences of the closure and provide step-by-step directions of traffic detour. Closures are subject to ROW Inspector, Department Director(s), and Board of Public Works approval, so approval times could vary. Closures over 3 days require Board of Public Works approval.
- To apply for a ***SIDEWALK, BIKE LANE OR LANE CLOSURE*** , the applicant must submit an MUTCD compliant mainteance of traffic SITE PLAN that includes TYPES and LOCATIONS of all traffic control devices/signs. When a walkaround is required the site plan must include dimensions and location of barricades for the walkaround. The application should be submitted for review and approval two (2) weeks prior to the start date to ensure ample review and approval time. Closures over 14 days require Board of Public Works approval.
- The applicant must identify the exact date or date range for which the work will actually take place. A permit is not officially issued until the inspector listed on the permit is contacted regarding the exact date a sidewalk, lane, bike lane will be closed. If an exact date can't be given at the time the permit is applied for, you must contact our office **72 hrs BEFORE** a closure begins so we are able to update our police, emergency, and transit personnel on our publicly viewed inRoads page. Failure to communicate dates of a closure are subject to penalty in Bloomington Municipal Code. Permits will be considered expired one year after being issued if work has not begun (a new application will need to be submitted if permitee still intends to begin work).
- The applicant must keep crosswalks, ramps and sidewalks unobstructed to ensure they are passable by all types of pedestrians including, visually or hearing impaired or wheelchair bound pedestrians. This also applies to walkarounds.
- An exact legal address of the parcel nearest to the location where the work is taking place is required on each application.
- **ALL EXCAVATIONS** must be inspected. Contact the inspector by phone number listed on each permit. The general contact number is (812) 349-3913.
- Please contact the Utility Coordinator at the City of Bloomington Utilities Department if placing a new or working on an existing sanitary sewer lateral or water line/meter placement. (812)349-3930
- Any brick or inlaid limestone sidewalks or brick-surfaced streets shall remain undisturbed, unless specific permission is given by a representative of the Planning and Transportation Department. If they are disturbed: The surface material shall be taken up, saved, and re-installed to City of Bloomington specifications. Backfill methods and materials must also meet these specifications. These are subject to historic preservation approvals.
- **This application and Additional use of right of way resources listed under 'Public Right of Way Permits and Resources' can be found:** https://bloomington.in.gov/engineering/resources
- **A copy of the Regulations for Use of the Right of Way (ORD 20-21)can be found:** https://bloomington.in.gov/municipal-code

NOTES/ADDITIONAL INFORMATION/LEGEND:

This is for Smith Road intersection improvements both North and South of the intersection of SR 46. This includes new storm pipe, sidewalk, curbs and widening of the intersection. This is part of INDOT's project R-41465.



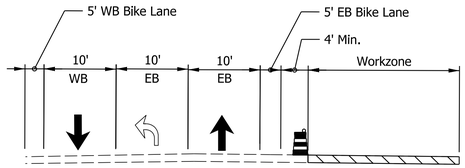
Additional Temporary Traffic Control Resource(s):
MUTCD https://mutcd.fhwa.dot.gov/htm/2009/part6/part6_toc.htm

SR 46 Construction Zone Design Speed = 30 MPH

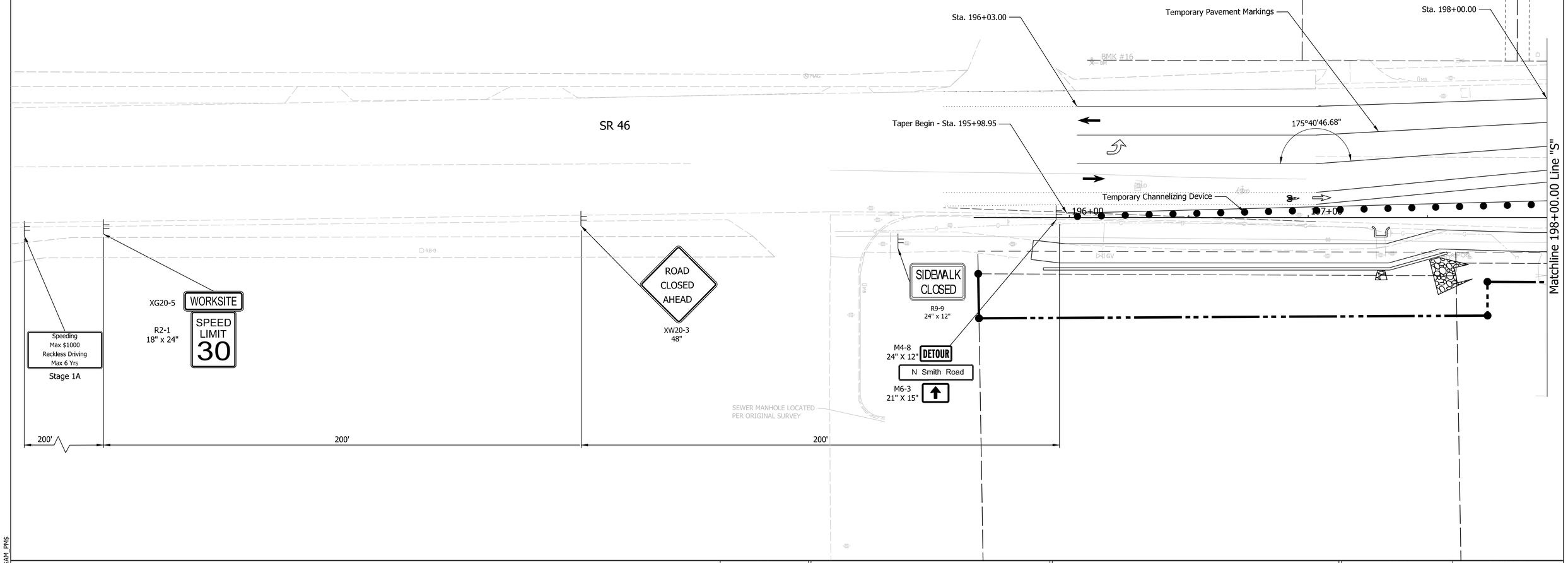
Smith Road Construction Zone Design Speed = 25 MPH

Note:

1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.



SR 46 TYPICAL SECTION



LEGEND:

- Construction Area
- Construction Sign
- Direction of Traffic
- Temporary Channelizing Device
- Construction Warning Lights, A
- Temporary Pavement Markings
- XXXX Type III Barricades, A or B

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL	Cassin M. Reiter 3/10/2023 DESIGN ENGINEER DATE		
DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 1B

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	16 of 108
CONTRACT	PROJECT
R-41465	1800208

PW$PLOT_DATE$ $PLOT_TIME$ AM_PM

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Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH
Smith Road Construction Zone Design Speed = 25 MPH

Matchline 89+25.00

5' WB Bike Lane
5' EB Bike Lane
4' Min.
10' WB
10' EB
10' EB
Workzone

SR 46 TYPICAL SECTION
A-A

5' WB Bike Lane
5' EB Bike Lane
4' Min.
10' WB
10' WB
10' EB
Workzone

SR 46 TYPICAL SECTION
B-B

Note:

1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.

M4-8
24" X 12"
DETOUR
N Smith Road
M6-1
21" X 15"

Maintain existing signal
at SR 46/Smith Rd Intersection.
Bag signal for left turn signal WB

Temporary Stop Bar
Sta. 199+45.27

Temporary Stop Bar
Sta. 200+56.00

XG20-5
WORKSITE
R2-1
18" x 24"
SPEED LIMIT
30

Speeding
Max $1000
Reckless Driving
Max 6 Yrs
Stage 1A

ROAD CLOSED AHEAD
XW20-3
48"

200'
200'

Smith Rd
89+00
88+00
87+00
200'

A
A
B
B

BMK #15
Line "A"
Line "S"
Line "S"

Matchline 198+00.00
198+00
199+00
200+00
201+00
202+00
203+00
204+

SR 46

Smith Road

Temporary Pavement Markings
Temporary Channelizing Devices
Maintain access to this drive at all times

SIDEWALK CLOSED
R9-9
24" x 12"

ROAD CLOSED
R11-2
48" X 30"

SIDEWALK CLOSED
R9-9
24" x 12"

100'

Taper End - Sta. 201+16.64
Sta. 202+30.00
Sta. 203+15.00

END CONSTRUCTION
Stage 1A

MOT SEQUENCE OF OPERATIONS

STAGE 1:
Phase 1A; Construct new radii on SR 46 and South Smith Rd.
Phase 1B; Construct widening on South Smith Rd

Matchline 85+50.00

LEGEND:

- Construction Area
- Construction Sign
- Direction of Traffic
- Temporary Channelizing Device
- Construction Warning Lights, A
- Temporary Pavement Markings
- XXXX Type III Barricades, A or B

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023
DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023
CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1B

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	17 of 108
CONTRACT	PROJECT
R-41465	1800208

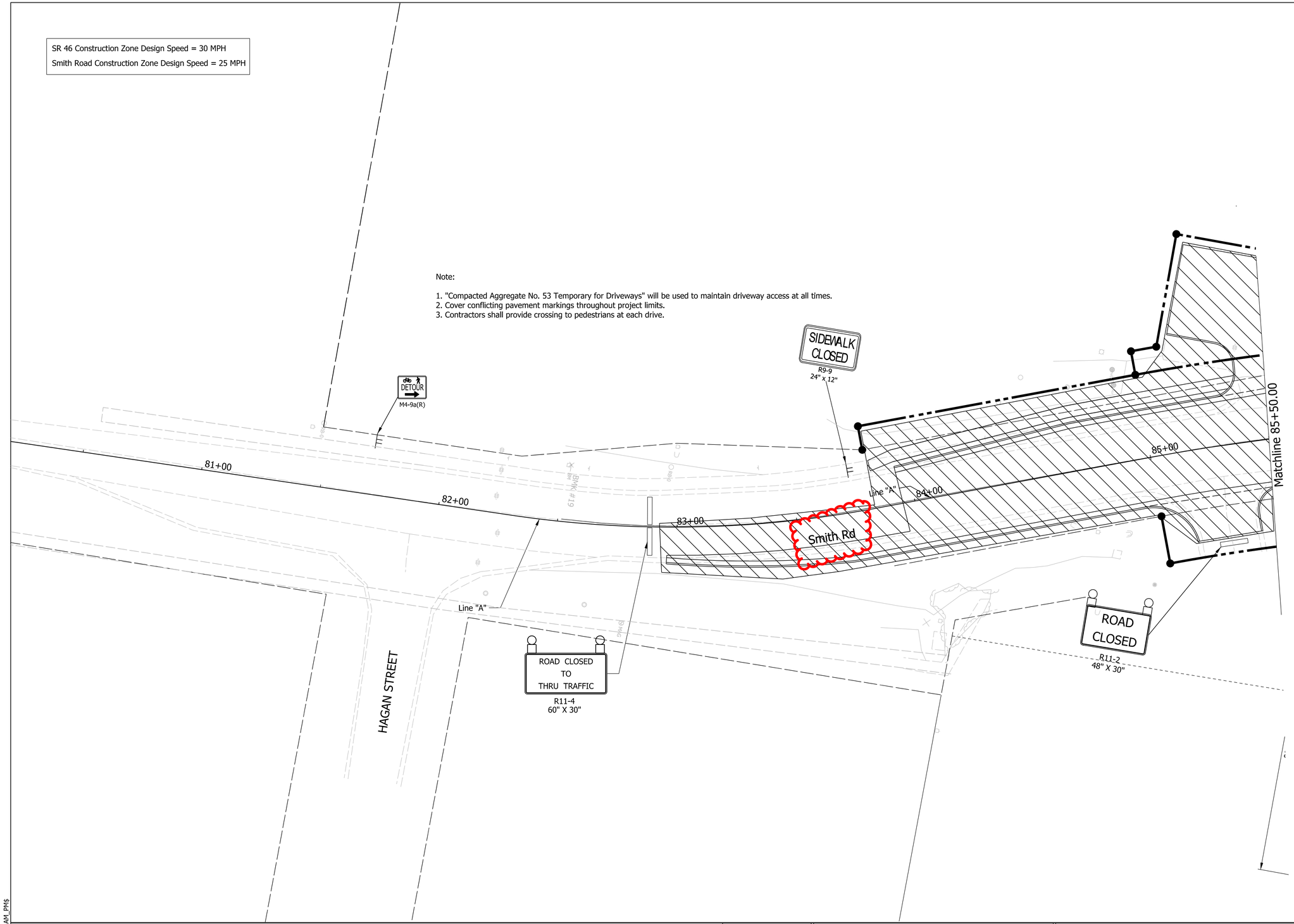
Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg1B_02.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH

Smith Road Construction Zone Design Speed = 25 MPH

Note:

1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.



LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Concrete Barrier
- XXXX Type III Barricades, A or B

CASSIN M. REITER — REGISTERED — No. PE10708024 — STATE OF INDIANA — PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL	Cassin M. Reiter 3/10/2023 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	
DESIGNED: CMP 3/10/2023	DRAWN: CMP 3/10/2023	MAINTENANCE OF TRAFFIC STAGE 1B	
CHECKED: KLT 3/10/2023	CHECKED: KLT 3/10/2023		

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	18 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: $PLOT_DATE$ $PLOT_TIME$ AM_PM

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Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH

Smith Road Construction Zone Design Speed = 25 MPH

Note:

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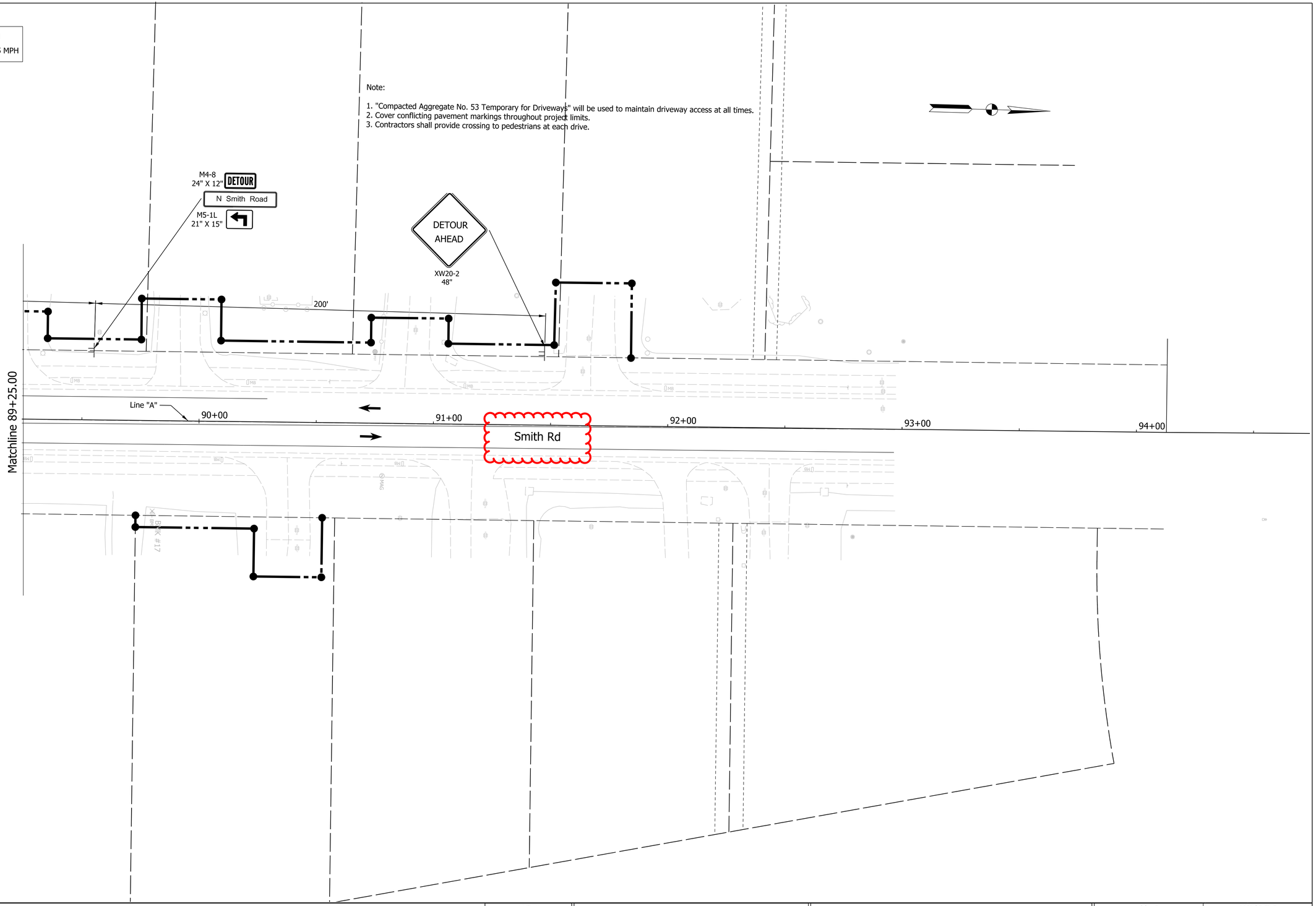

LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Marking
- XXXX Type III Barricades, A or B

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

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DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023

CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1B

SCALE	BRIDGE FILE
1"=20"	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	19 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DATE$ PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg1B_04.dgn
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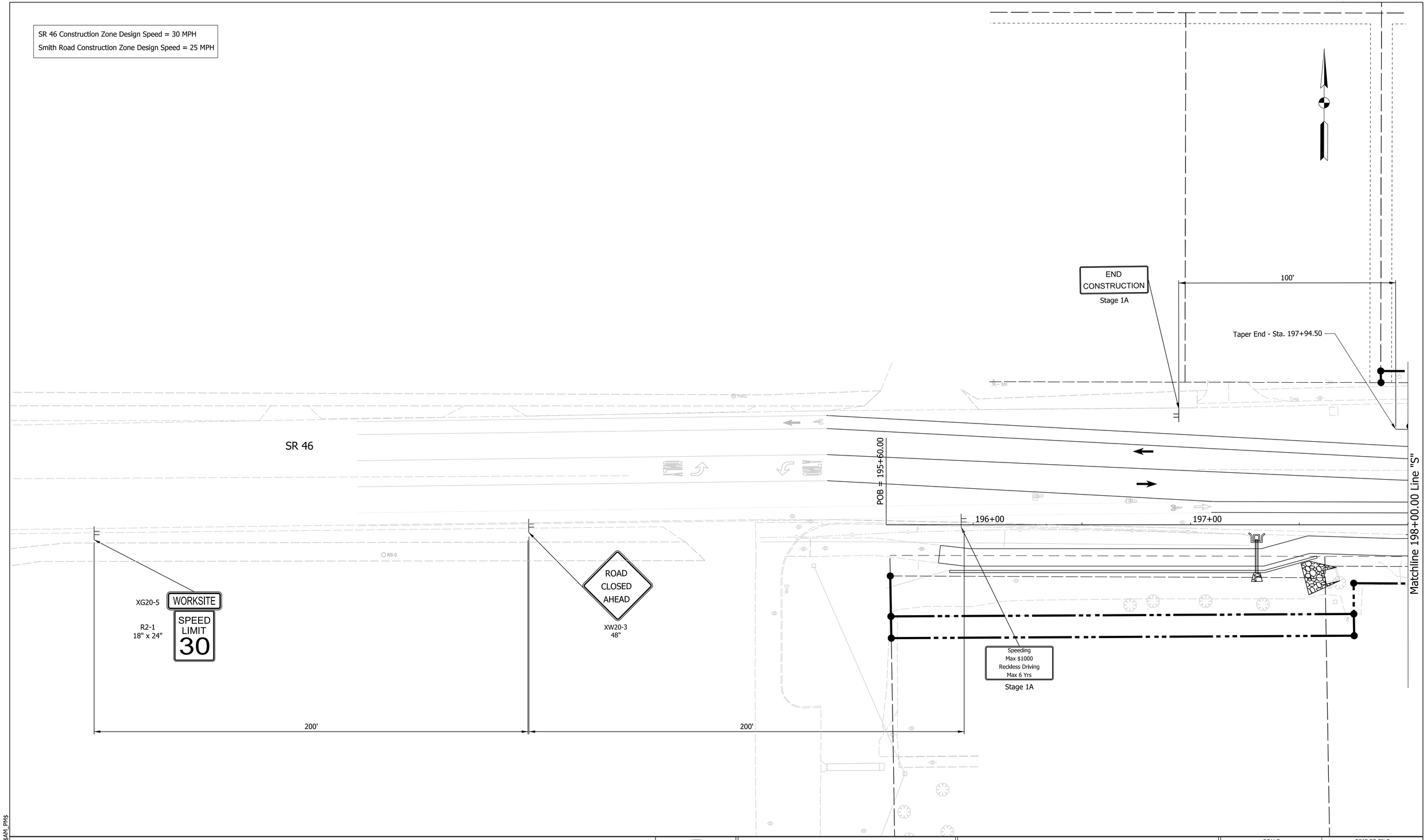
SR 46 Construction Zone Design Speed = 30 MPH
Smith Road Construction Zone Design Speed = 25 MPH



LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Markings
- XXXX Type III Barricades, A or B

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2B

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	25 of 108
CONTRACT	PROJECT
R-41465	1800208

PlotPLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg2B_01.dgn
Model:$MODEL_NAME$

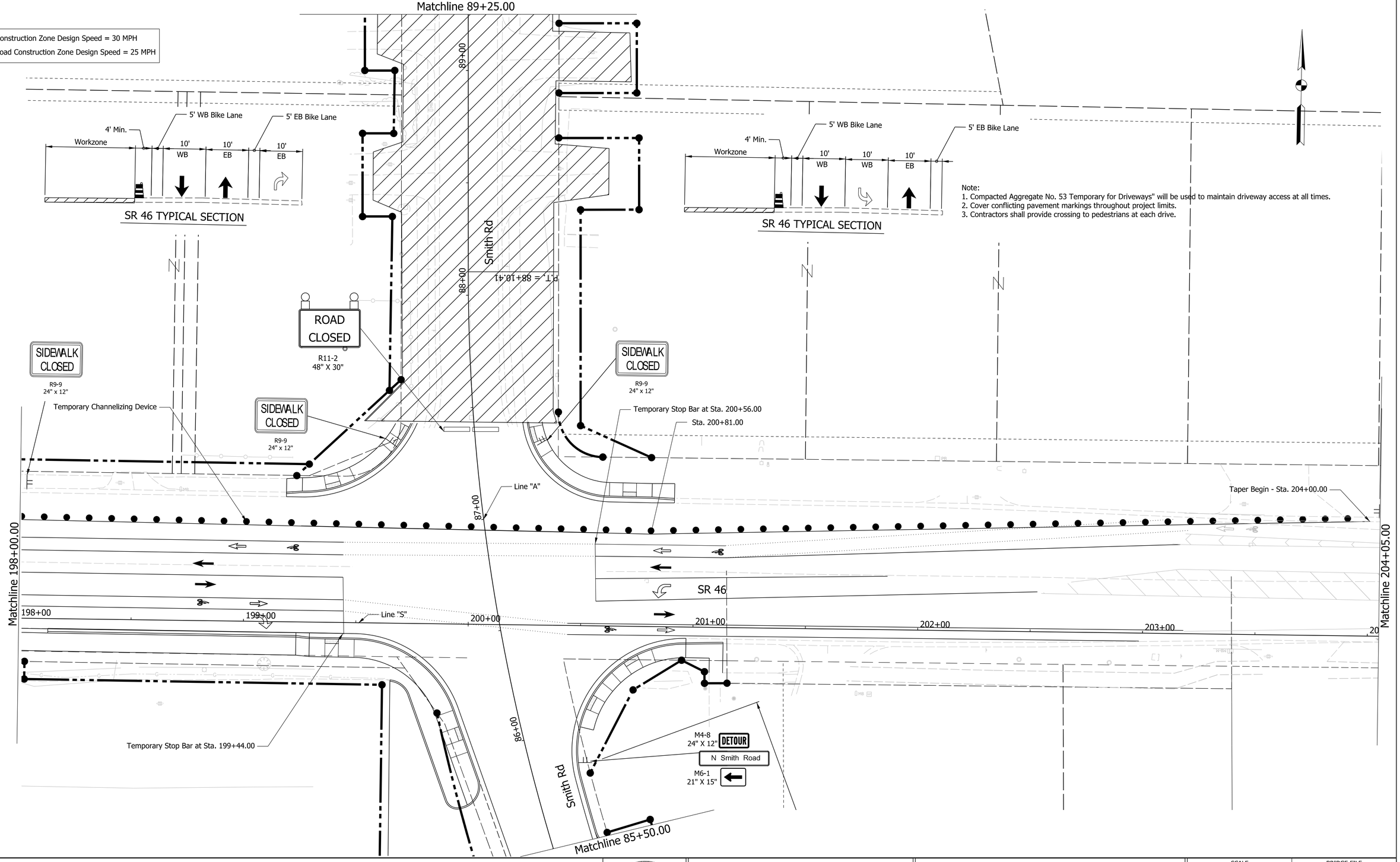
SR 46 Construction Zone Design Speed = 30 MPH
Smith Road Construction Zone Design Speed = 25 MPH

Matchline 89+25.00

SR 46 TYPICAL SECTION

SR 46 TYPICAL SECTION

Note:
1. Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.



LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Markings
- XXXX Type III Barricades, A or B

CASSIN M. REITER — REGISTERED — No. PE10708024 — STATE OF INDIANA — PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter — DESIGN ENGINEER — 3/10/2023 DATE

DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 2B

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	26 of 108
CONTRACT	PROJECT
R-41465	1800208

PLOTDATE = $DATE$ $TIME$ AM_PM

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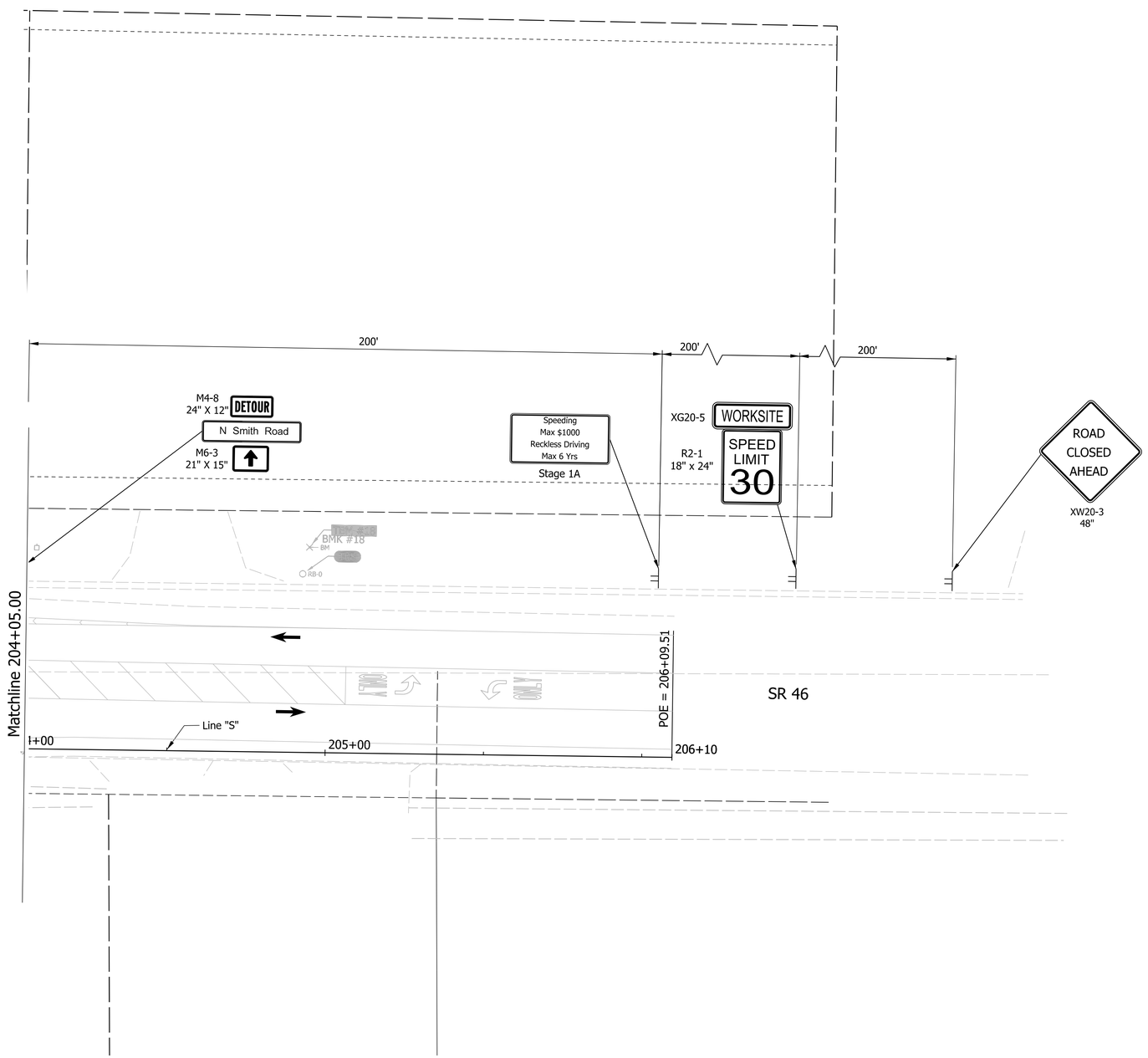
SR 46 Construction Zone Design Speed = 30 MPH
Smith Road Construction Zone Design Speed = 25 MPH



LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Markings
- XXXX Type III Barricades, A or B

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2B

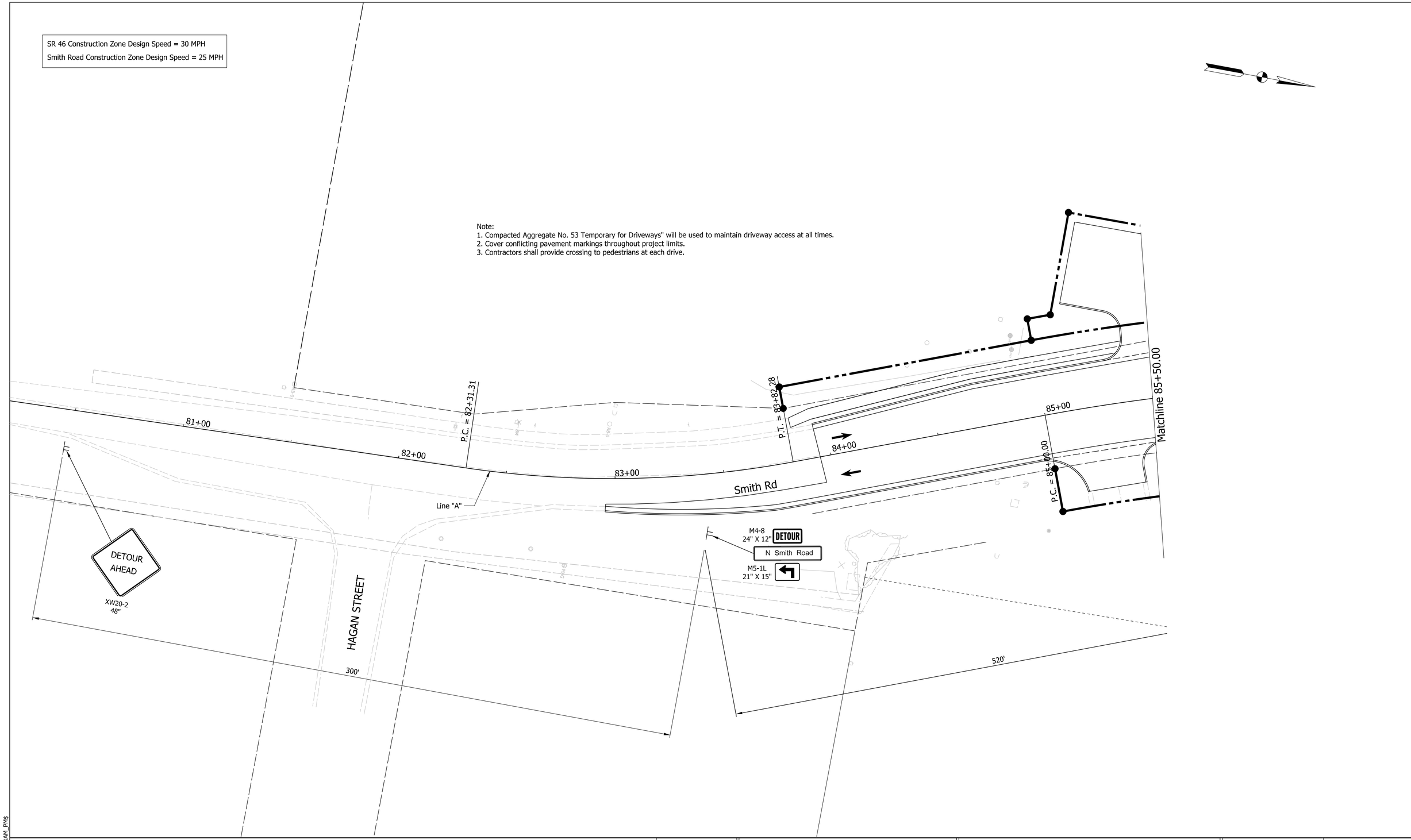
SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	27 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: $PLOT_DATE$ $PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg2B_05.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH

Smith Road Construction Zone Design Speed = 25 MPH

Note:
1. Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.



LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Concrete Barrier
- XXXX Type III Barricades, A or B

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2B

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS		
Electronic	28	of	108
CONTRACT	PROJECT		
R-41465	1800208		

PLOTDATE=$DATE$ PLOTTIME=$TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg2B_03.dgn
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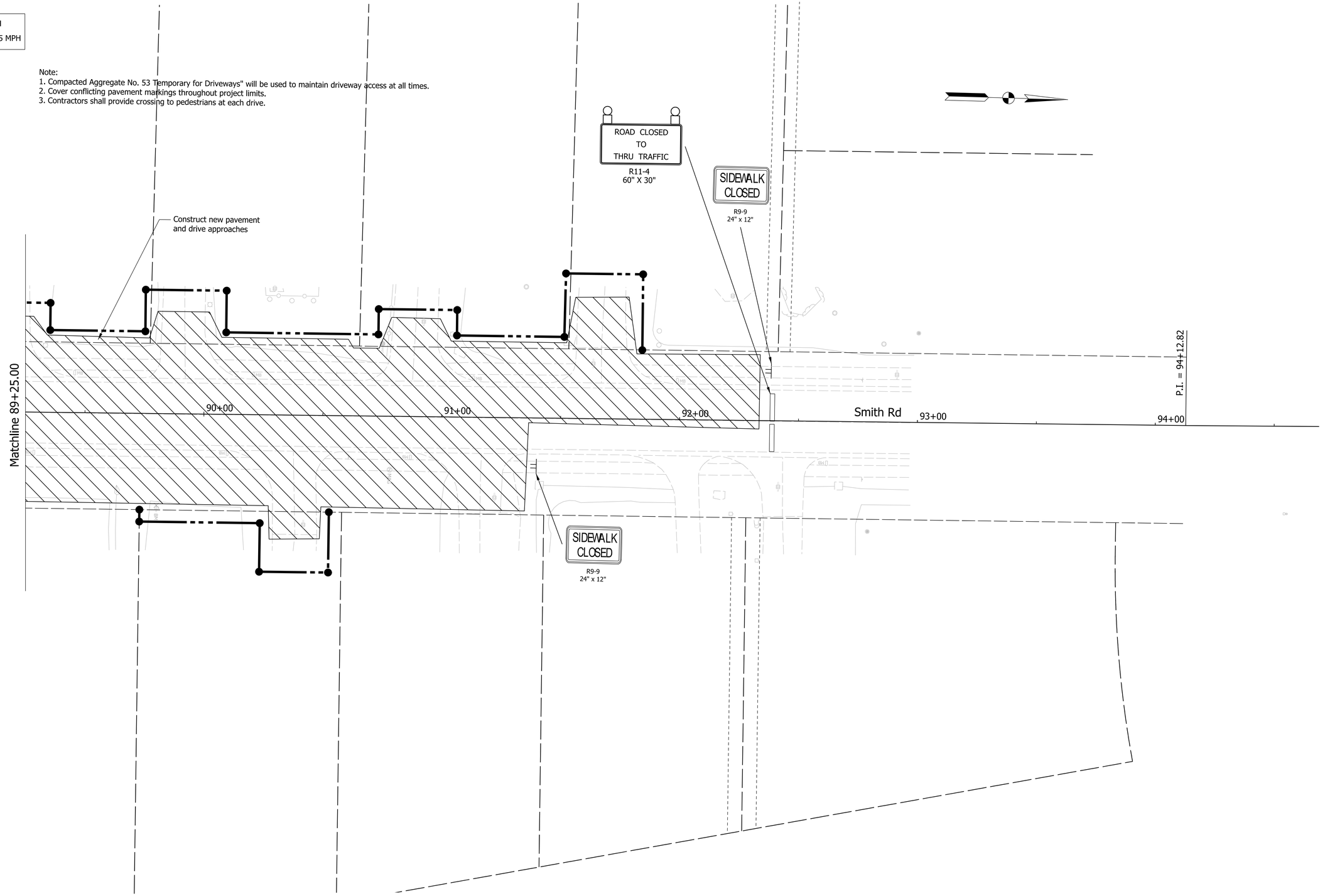

LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Marking
- XXXX Type III Barricades, A or B

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2B

SCALE	BRIDGE FILE
1"=20"	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	29 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: $PLOT_DATE$ $PLOT_TIME$ AM_PM

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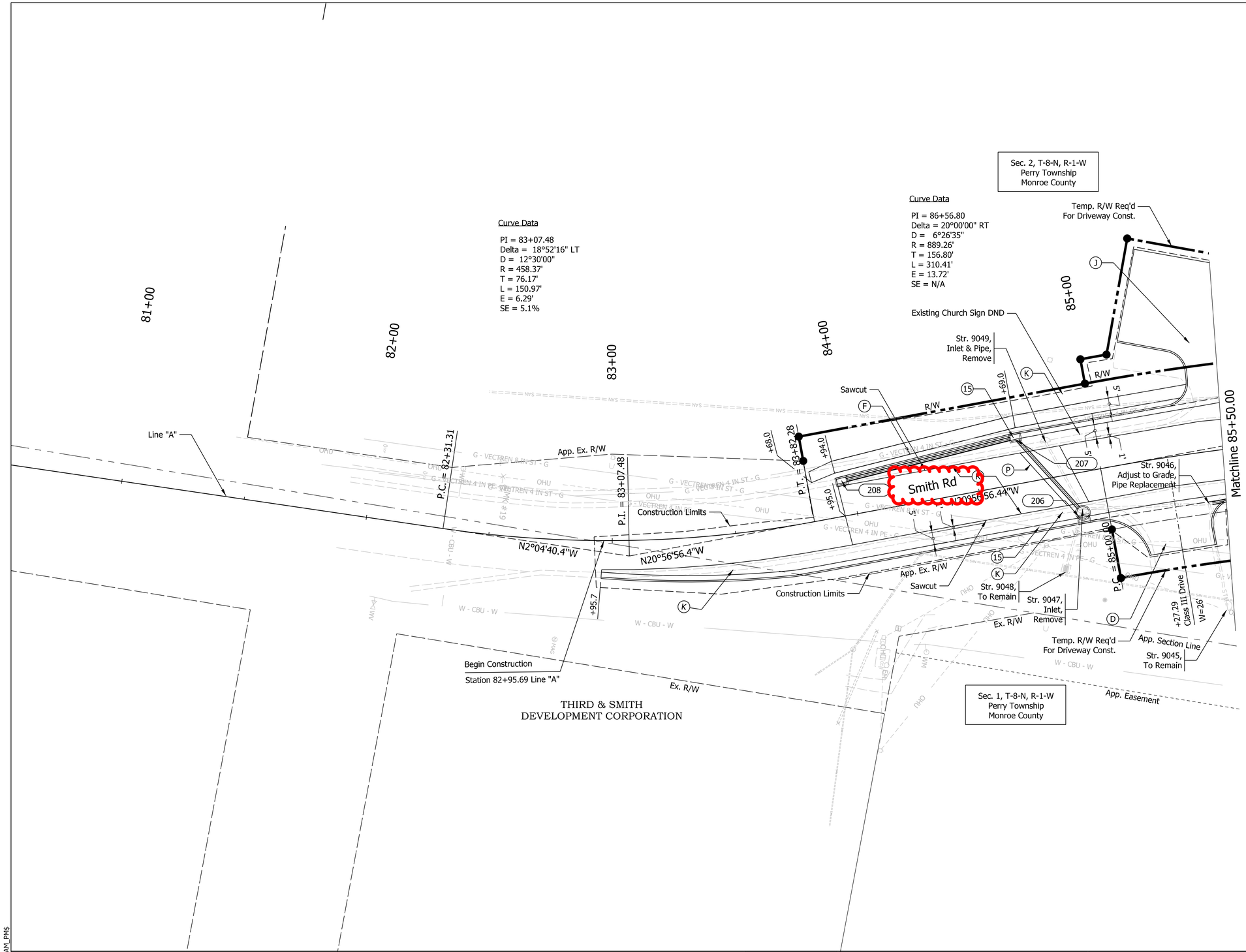

LEGEND

(K) WIDENING WITH HMA COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm on
275 lb/yd^2 QC/QA - HMA, INTERMEDIATE, Type B on
880 lb/yd^2 QC/QA - HMA, BASE, Type B

(R) MILL AND OVERLAY, 1.5" COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm

(D) HMA FOR APPROACHES, TYPE C

(C) DRIVE, CONCRETE COMPOSED OF:
PCCP For Approaches, 6 in.
Dense Graded Subbase, 6 in.
Subgrade Treatment Type II

(P) HMA PATCHING, TYPE C

(J) DRIVE, PAVEMENT COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 70, SURFACE, 12.5 mm on
275 lb/yd^2 QC/QA - HMA, 3, 70, INTERMEDIATE, 12.5 mm on
Subgrade Treatment Type II

(F) SIDEWALK, CONCRETE

(S) SUBGRADE TREATMENT, TYPE IC

(O) COMPACTED AGGREGATE, NO. 53

(15) CURB AND GUTTER, CONCRETE

CASSIN M. REITER
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No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT
OF TRANSPORTATION

CONSTRUCTION DETAIL
Sta. 81+50.00 to 85+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS		
Electronic	35	of	108
CONTRACT	PROJECT		
R-41465	1800208		

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(100) Line "A"
Sta. 87+00.00, 60.5', Rt.
Inlet, B5
8' of 12" Type 2 Pipe
U.S. Inv. 834.00
D.S. Inv. 833.78

(101) Line "A"
Sta. 87+12.00, 23.2', Rt.
Manhole, Type K Modified
58.0' of of 2.3' x 3.5' Elliptical Pipe
U.S. Inv. 833.42
D.S. Inv. 833.04

(102) Line "A"
Sta. 87+24.00, 26.7', Rt.
Inlet, C5
11.5' of 12" Type 2 Pipe
U.S. Inv. 833.44
D.S. Inv. 833.39

(103) Line "A"
Sta. 87+48.00, 22.7', Rt.
Inlet, B15
20' of 12" Type 2 Pipe
U.S. Inv. 833.60
D.S. Inv. 833.50

(104) Line "A"
Sta. 87+67.00, 23.5', Rt.
Inlet, B15
42' of 18" Type 2 Pipe
U.S. Inv. 833.58
D.S. Inv. 833.47

(105) Line "A"
Sta. 87+85.00, 24.4', Rt.
Inlet, C15
41' of 18" Type 2 Pipe
U.S. Inv. 834.00
D.S. Inv. 833.83

(106) Line "A"
Sta. 88+25.00, 19.2', Rt.
Inlet, C15
46.5' of 12" Type 2 Pipe
U.S. Inv. 834.86
D.S. Inv. 834.19

(107) Line "A"
Sta. 88+75.00, 18.8', Rt.
Inlet, C15
50.5' of 12" Type 2 Pipe
U.S. Inv. 835.24
D.S. Inv. 834.87

(199) Line "A"
Sta. 86+40.00, 19.7', Rt.
Manhole, Type C4
50.5' of 24" Type 2 Pipe
U.S. Inv. 832.15
D.S. Inv. 832.00

(200) Line "A"
Sta. 86+31.00, 66.0', Rt.
Inlet, C15
43.5' of 15" Type 2 Pipe
U.S. Inv. 833.57
D.S. Inv. 832.94

(201) Line "A"
Sta. 86+36.00, 24.8', Rt.
Manhole, Type C4
8.5' of 15" Type 2 Pipe
U.S. Inv. 833.20
D.S. Inv. 832.95

(202) Line "A"
Sta. 86+18.00, 37.1', Rt.
Inlet, B15
14' of 12" Type 2 Pipe
U.S. Inv. 833.33
D.S. Inv. 833.20

(203) Line "A"
Sta. 86+00.00, 24.2', Rt.
Mahnole, Type J Modified
27.5' of 15" Type 2 Pipe
U.S. Inv. 833.78
D.S. Inv. 833.20

(204) Line "A"
Sta. 85+98.50, 23.8', Lt.
Inlet, B15
42' of 12" Type 2 Pipe
U.S. Inv. 834.40
D.S. Inv. 833.87

(205) Line "A"
Sta. 85+75.00, 18.8', Rt.
Inlet, C15
17.5' of 12" Type 2 Pipe
U.S. Inv. 834.45
D.S. Inv. 833.87

(300) Line "A"
Sta. 86+50.00, 33.4', Lt.
Manhole, Type D4 Modified
102' of 36" Type 2 Pipe
U.S. Inv. 831.75
D.S. Inv. 831.34

(301) Line "A"
Sta. 86+44.00, 33', Lt.
Inlet, B15
8.5' of 12" Type 2 Pipe
U.S. Inv. 832.55
D.S. Inv. 832.00

(400) Line "A"
Sta. 87+15.00, 47.9', Lt.
Manhole, Type D4 Modified
136.5' of Ex. 2.3x3.5ft Elliptical CMP
U.S. Inv. 832.72
D.S. Inv. 832.00

(401) Line "A"
Sta. 87+25.00, 47.8', Lt.
Inlet, C15
5' of 12" Type 2 Pipe
U.S. Inv. 832.80
D.S. Inv. 832.72

(402) Line "A"
Sta. 87+32.00, 35, Lt.
Inlet, B5
11' of 12" Type 2 Pipe
U.S. Inv. 832.98
D.S. Inv. 832.80

(403) Line "A"
Sta. 87+50.00, 24.5', Lt.
Manhole, Type J Modified
29.0' of 30" Type 2 Pipe
U.S. Inv. 833.01
D.S. Inv. 832.96

(404) Line "A"
Sta. 87+64.00, 25.9', Lt.
Manhole, Type D4 Modified
12' of 30" Type 2 Pipe
U.S. Inv. 833.10
D.S. Inv. 833.03

(405) Line "A"
Sta. 87+64.00, 20.8', Lt.
Inlet, C15
2' of 18" Type 2 Pipe
U.S. Inv. 833.13
D.S. Inv. 833.11

(406) Line "A"
Sta. 88+25.00, 25.1', Lt.
Manhole, Type D4 Modified
57' of 30" Type 2 Pipe
U.S. Inv. 833.75
D.S. Inv. 833.14

(407) Line "A"
Sta. 88+25.00, 18.3', Lt.
Inlet, C15
3' of 30" Type 2 Pipe
U.S. Inv. 833.83
D.S. Inv. 833.81

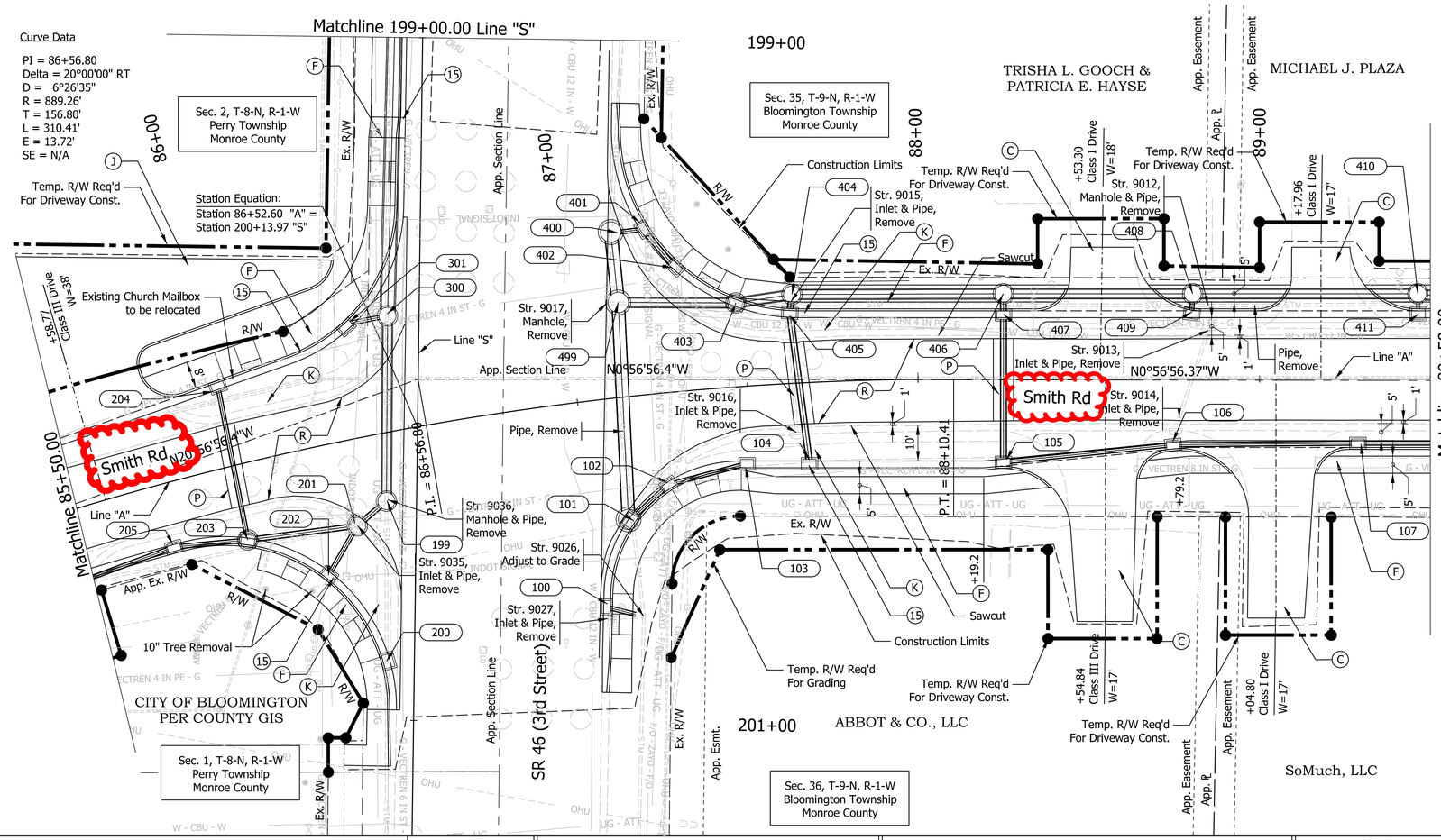
(408) Line "A"
Sta. 88+6.000, 25.1', Lt.
Manhole, Type D4 Modified
50.5' of 30" Type 2 Pipe
U.S. Inv. 833.95
D.S. Inv. 838.80

(409) Line "A"
Sta. 88+80.00, 19.1', Lt.
Inlet, B15
2.5' of 12" Type 2 Pipe
U.S. Inv. 834.09
D.S. Inv. 834.03

(410) Line "A"
Sta. 89+46.00, 25.1', Lt.
Manhole, Type D4 Modified
61' of 30" Type 2 Pipe
U.S. Inv. 834.09
D.S. Inv. 833.99

(411) Line "A"
Sta. 89+46.00, 18.8', Rt.
Inlet, B15
2' of 30" Type 2 Pipe
U.S. Inv. 834.12
D.S. Inv. 834.11

(499) Line "A"
Sta. 89+15.00, 23.8', Lt.
Manhole, Type D4 Modified
15.0' of 2.3' x 3.5' Elliptical Pipe
U.S. Inv. 832.98
D.S. Inv. 832.85



LEGEND

(K) WIDENING WITH HMA COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm on
275 lb/yd^2 QC/QA - HMA, INTERMEDIATE, Type B on
880 lb/yd^2 QC/QA - HMA, BASE, Type B

(R) MILL AND OVERLAY, 1.5" COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm

(D) HMA FOR APPROACHES, TYPE C

(C) DRIVE, CONCRETE COMPOSED OF:
PCCP For Approaches, 6 in.
Dense Graded Subbase, 6 in.
Subgrade Treatment Type II

(P) HMA PATCHING, TYPE C

(J) DRIVE, PAVEMENT COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 70, SURFACE, 12.5 mm on
275 lb/yd^2 QC/QA - HMA, 3, 70, INTERMEDIATE, 12.5 mm on
Subgrade Treatment Type II

(F) SIDEWALK, CONCRETE

(S) SUBGRADE TREATMENT, TYPE IC

(O) COMPACTED AGGREGATE, NO. 53

(15) CURB AND GUTTER, CONCRETE

CASSIN M. REITER
REGISTERED
No. PE10708024
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RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
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DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAIL
Sta. 85+50.00 to 89+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	36 of 108
CONTRACT	PROJECT
R-41465	1800208

PlotPLOT_DATE$ PLOT_TIME$ AM_PM
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(108) Line "A"
Sta. 89+29.00, 18.8', Rt.
Inlet, C15
39' of 12" Type 2 Pipe
U.S. Inv. 835.53
D.S. Inv. 835.25

(109) Line "A"
Sta. 89+71.00, 19.6', Rt.
Inlet, C15
39.5' of 12" Type 2 Pipe
U.S. Inv. 835.80
D.S. Inv. 835.54

(110) Line "A"
Sta. 90+15.00, 17.5', Rt.
Inlet, B15
56.5' of 12" Type 2 Pipe
U.S. Inv. 836.15
D.S. Inv. 835.81

(412) Line "A"
Sta. 89+71.00, 19.0', Rt.
Manhole, Type D4 Modified
21' of 30" Type 2 Pipe
U.S. Inv. 834.53
D.S. Inv. 834.17

(413) Line "A"
Sta. 90+15.00, 19.1', Lt.
Manhole, Type D4 Modified
40.5' of Ex. 30" Type 2 Pipe
U.S. Inv. 835.30
D.S. Inv. 834.61

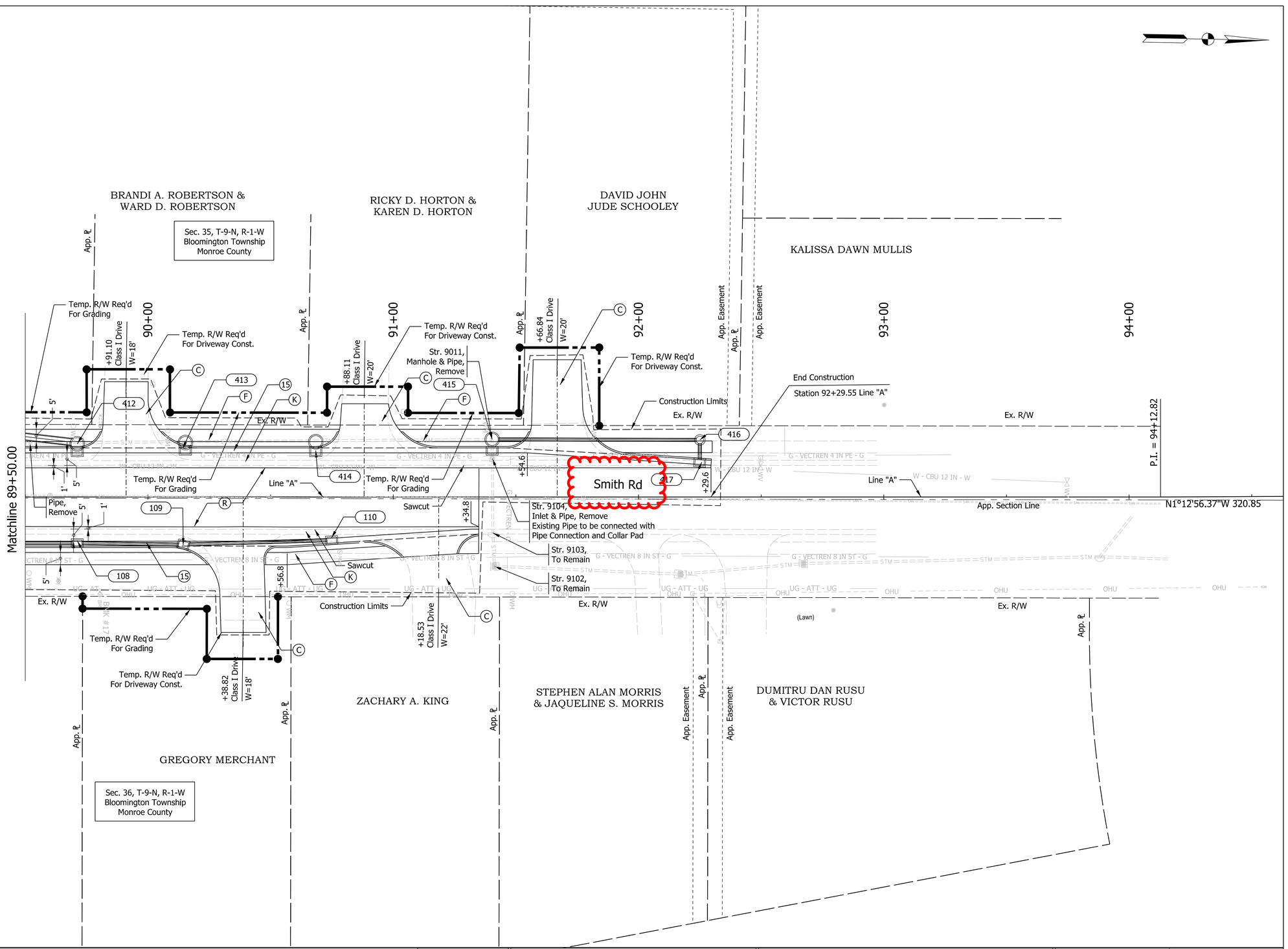
(414) Line "A"
Sta. 90+69.00, 18.7', Lt.
Manhole, Type D4 Modified
49.5' of Ex. 30" Type 2 Pipe
U.S. Inv. 836.23
D.S. Inv. 835.38

(415) Line "A"
Sta. 91+40.00, 23.50, Lt.
Manhole, Type F Modified
67.5' of Ex. 30" Type 2 Pipe
U.S. Inv. 837.45
D.S. Inv. 836.28

(416) Line "A"
Sta. 92+25.00, 23.5', Lt.
Manhole, Type D4
81' of 12" Type 2 Pipe
U.S. Inv. 839.30
D.S. Inv. 838.95

(417) Line "A"
Sta. 92+25.00, 13.8', Lt.
Inlet, B15
6.5' of 12" Type 2 Pipe
U.S. Inv. 839.38
D.S. Inv. 839.35

(9103 (Ex.)) Line "A"
Sta. 91+41.00, 17.0', Rt.
Curb Inlet
33.5' of Ex. 24" Type 2 Pipe
U.S. Inv. 839.67
D.S. Inv. 839.19



LEGEND

(K) WIDENING WITH HMA COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm on
275 lb/yd^2 QC/QA - HMA, INTERMEDIATE, Type B on
880 lb/yd^2 QC/QA - HMA, BASE, Type B

(R) MILL AND OVERLAY, 1.5" COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm

(D) HMA FOR APPROACHES, TYPE C

(C) DRIVE, CONCRETE COMPOSED OF:
PCCP For Approaches, 6 in.
Dense Graded Subbase, 6 in.
Subgrade Treatment Type II

(P) HMA PATCHING, TYPE C

(J) DRIVE, PAVEMENT COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 70, SURFACE, 12.5 mm on
275 lb/yd^2 QC/QA - HMA, 3, 70, INTERMEDIATE, 12.5 mm on
Subgrade Treatment Type II

(F) SIDEWALK, CONCRETE

(S) SUBGRADE TREATMENT, TYPE IC

(O) COMPACTED AGGREGATE, NO. 53

(15) CURB AND GUTTER, CONCRETE

CASSIN M. REITER
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No. PE10708024
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INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAIL
Sta. 89+50.00 to 93+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	37 of 108
CONTRACT	PROJECT
R-41465	1800208

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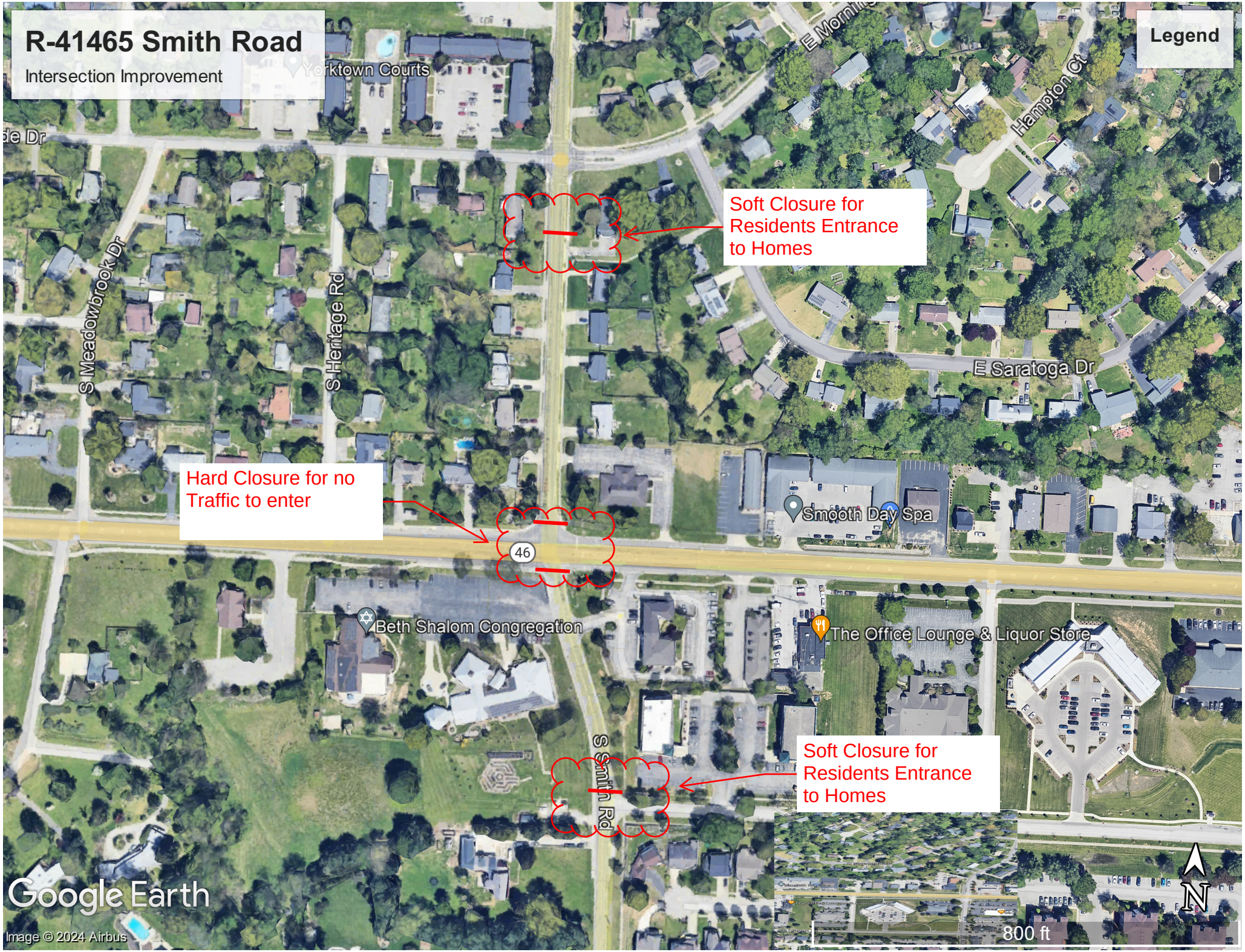
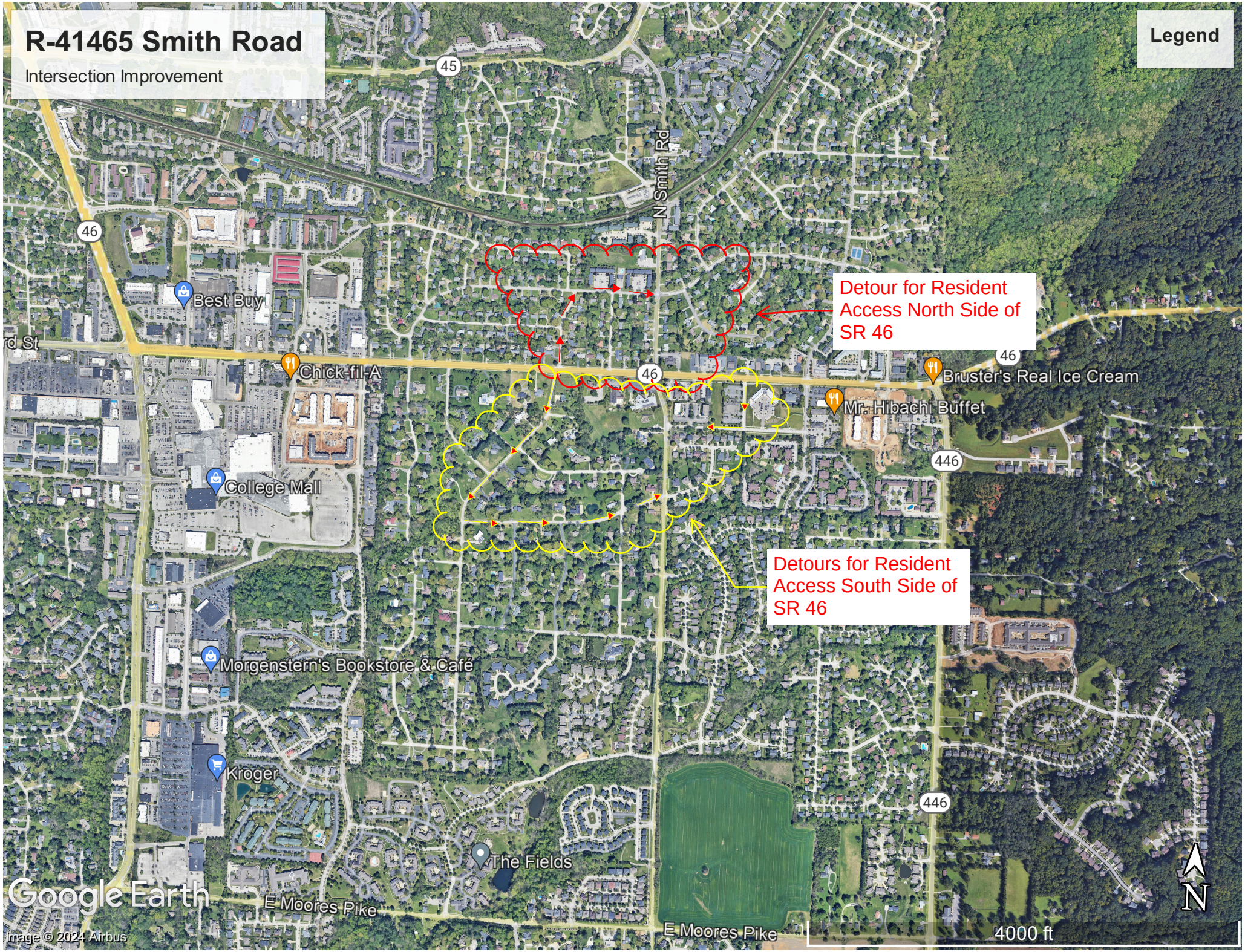

R-41465 Smith Road
Intersection Improvement
Legend
Soft Closure for Residents Entrance to Homes
Hard Closure for no Traffic to enter
Soft Closure for Residents Entrance to Homes
Yorktown Courts
E Morning
Hampton Ct
S Meadowbrook Dr
S Heritage Rd
E Saratoga Dr
Smooth Day Spa
46
Beth Shalom Congregation
The Office Lounge & Liquor Store
S Smith Rd
Google Earth
Image © 2024 Airbus
N
800 ft


R-41465 Smith Road
Intersection Improvement
Legend
Detour for Resident Access North Side of SR 46
Detours for Resident Access South Side of SR 46
45
46
N Smith Rd
Best Buy
Chick-fil-A
College Mall
Bruster's Real Ice Cream
Mr. Hibachi Buffet
446
Morgenstern's Bookstore & Café
Kroger
The Fields
E Moores Pike
Google Earth
Image © 2024 Airbus
N
4000 ft

PROJECT	DESIGNATION
1800208	1800208
CONTRACT	
R-41465	

INDIANA DEPARTMENT OF TRANSPORTATION

ROAD PLANS

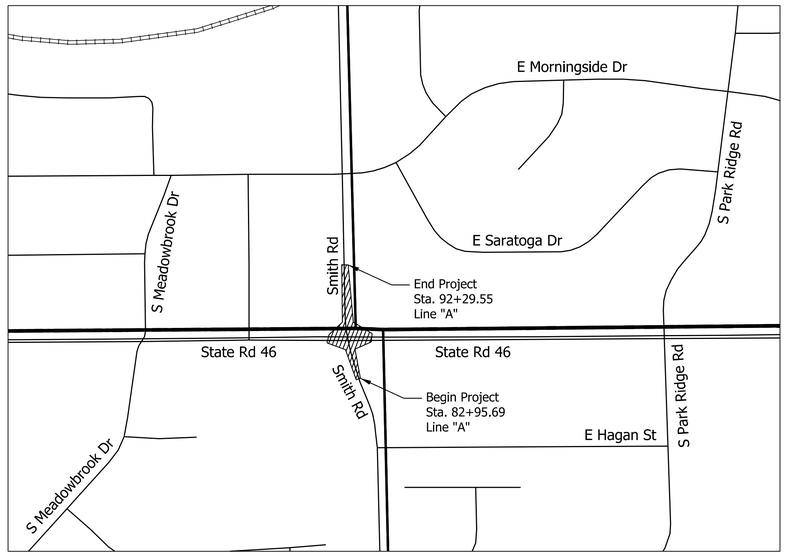
ROUTE: SR 46 AT SMITH ROAD

PROJECT NO. 1800208 P.E.
1800208 R/W
1800208 CONST.

TRAFFIC DATA	Smith Rd	SR 46
A.A.D.T. (2018)	6,380 V.P.D.	14,785 V.P.D.
A.A.D.T. (2043)	7,576 V.P.D.	17,567 V.P.D.
D.H.V (2043)	687 V.P.H.	1,191 V.P.H.
DIRECTIONAL DISTRIBUTION	50 %	50 %
TRUCKS	5.26 % A.A.D.T.	5.01% A.A.D.T.
	3.72 % D.H.V.	4.34% D.H.V.
DESIGN DATA	**Smith Rd**	**SR 46**
DESIGN SPEED	30 M.P.H.	40 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	MAJOR COLLECTOR (URBAN)	PRINCIPAL ARTERIAL (URBAN)
RURAL/URBAN	URBAN (INTERMEDIATE)	URBAN (INTERMEDIATE)
TERRAIN	LEVEL	LEVEL
ACCESS CONTROL	NONE	NONE

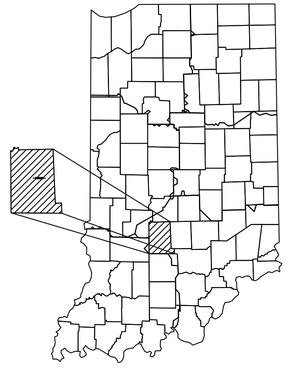
Project Description:

Intersection Improvement project at SR 46 and Smith Road, located in the City of Bloomington, Indiana
Section 35, T-9-N, R-1-W and Section 36, T-9-N, R-1-W, Bloomington Township, Monroe County, Indiana
Section 2, T-8-N, R-1-W and Section 1, T-8-N, R-1-W, Perry Township, Monroe County, Indiana



Project Area

Location Map
Monroe County
Scale: 1" = 4,000'



PROJECT LOCATION SHOWN BY
MONROE COUNTY

LATITUDE: 39°09'51" LONGITUDE: 86°28'52"

GROSS LENGTH: 0.18 MI.
NET LENGTH: 0.18 MI.
MAX. GRADE: 5.0 %

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2022
TO BE USED WITH THESE PLANS

CMT
Engineers and Consultants
8790 PURDUE ROAD
INDIANAPOLIS, IN 46268-6128
PHONE: (317) 298-4500

Copyright CMT, Inc.

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

PLANS PREPARED BY: CRAWFORD, MURPHY & TILLY INC. (317) 298-4500 PHONE NUMBER
CERTIFIED BY: Cassin M. Reiter 3/10/2023 DATE
APPROVED FOR LETTING: 4/6/2023 DATE
INDIANA DEPARTMENT OF TRANSPORTATION

BRIDGE FILE
N/A
DESIGNATION
1800208

SURVEY BOOK	SHEETS		
Electronic	1	of	108
CONTRACT	PROJECT		
R-41465	1800208		

PLOTDATE=$DATE$ PLOTTIME=$TIME$ AM_PM

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Model:$MODEL_NAME$

UTILITIES

Duke Energy- Eletric
Cindy Rowland
390 N. Main Street
Martinsville, IN 46151
(317) 776-5341
cindy.rowland@duke-energy.com

Zayo Bandwidth
Waylon Higgins
8209 Castlegate Drive
Indianapolis, IN 46256
(765) 341-1199
waylon.higgins@zayo.com

AT&T Distribution
Mattew Spindler
240 N. Meridian Street
Indianapolis, IN 46204
(317) 265-3050
ms4822@att.com

Smithville Communications
Kimberly Pitcher
1600 W. Temperance Street
Ellettsville, IN 47429
(812) 935-2315
kimberly.pitcher@smithville.com

Bloomington Utilities - Sanitary
Jane Fleig
600 E. Miller Road
Bloomington, IN 47402
(812) 349-3631
fleigi@bloomington.in.gov

Bloomington Utilities - Water
Jane Fleig
600 E. Miller Road
Bloomington, IN 47402
(812) 349-3631
fleigi@bloomington.in.gov

Vectren Energy- Gas
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Muncie, IN 47302
(765) 287-2119
publicproject@vectren.com

Duke Energy- Electric
Dewayne Wright
390 N. Main Street
Martinsville, IN 46151
(317) 838-2044
DEI-Tline-Coord@duke-energy.com

Comcast Cable
Rhonda Dalton
688 Industrial Drive
Elmhurst, IL 60126
(224) 229-5863
rhonda.dalton@comcast.com

REVISIONS

1.	
2.	
3.	
4.	
5.	

GENERAL NOTES

1. All earth shoulders, median areas, and cut and fill slopes shall be sodded.
2. The contractor shall ensure that safe access is maintained to all residences and businesses during all phases of construction.
3. All removal items not paid for directly will be included in the lump sum cost of clearing right of way, per Standard Specifications 201 and 202.
4. Existing curb types may vary at streets. Contractor shall inspect curb prior to beginning work to assure proper fit and transition.
5. Contractor to ensure that positive drainage is maintained at all intersections and along curb and gutter flowlines after the completion of curb ramp construction.

PROJECT NOTES

1. The project is located in the karst area of Indiana. If any karst features are encountered, a karst survey should be conducted, with mitigations measures as necessary, in accordance with the 1993 MOU.

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12-29	Maintenance of Traffic Concept Plan
30-33	Plan And Profile
34	Superelevation Detail
35-38	Contstruction Detail
39-40	Intersection Detail
41-47	Curb Ramp Detail
48	Traffic Signal Detail
49-50	Pedestrian Push Button Cross Sections
51-54	Existing Sign Plan
55-58	Proposed Sign Plan
59-61	Pavement Marking Detail
62-65	Utility Details
66-67	Retaining Wall Details
68	Temporary Erosion Control Plan
69	Temporary Erosion Control Table
70	Approach Table and Sodding Table
71	Pavement Markings and Sign Sheet Summary Tables
72-74	Structure Data Table
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CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

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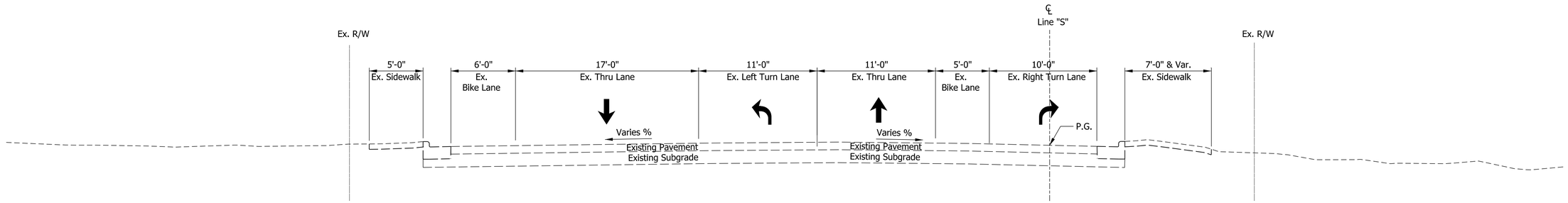
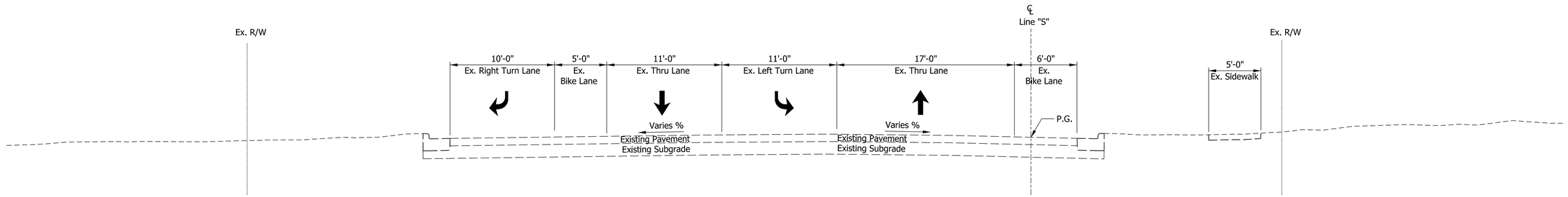


SR 46 TYPICAL SECTION

West Leg
Line "S" Sta. 195+85.00 to Sta. 200+13.97



SR 46 TYPICAL SECTION

East Leg
Line "S" Sta. 200+13.97 to Sta. 200+96.96

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CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 3/10/2023 DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023

CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
LINE "S"

SCALE	BRIDGE FILE
5.0000 ' / in.	N/A
	DESIGNATION
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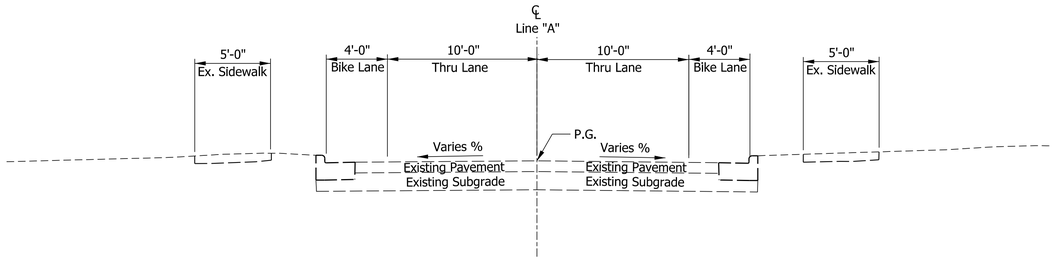
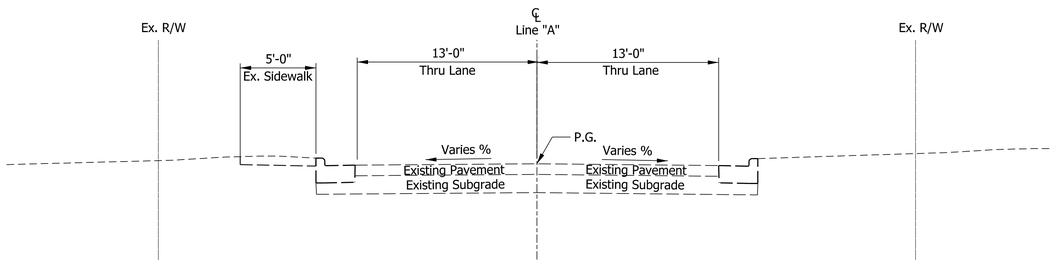


SMITH RD TYPICAL SECTION

North Leg



SMITH RD TYPICAL SECTION

South Leg

CASSIN M. REITER
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PROFESSIONAL ENGINEER

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INDIANA DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
LINE "A"

SCALE	BRIDGE FILE
5.0000 ' / in.	N/A
	DESIGNATION
	1800208

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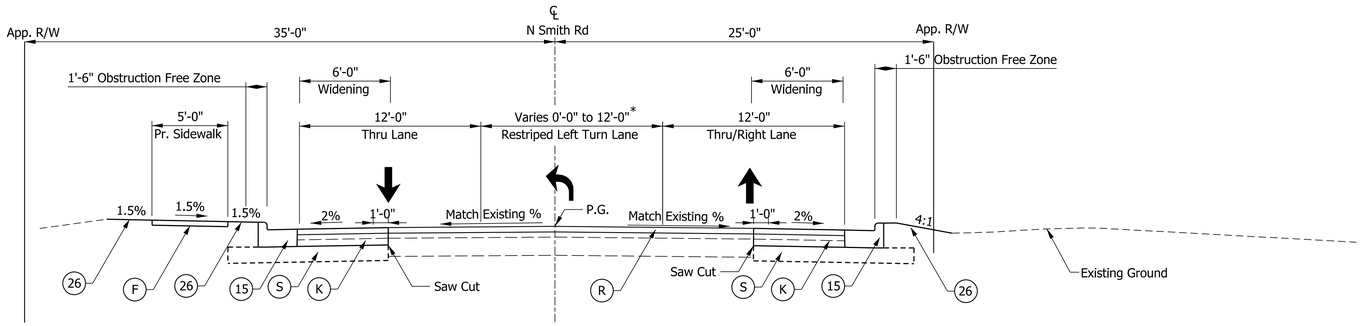
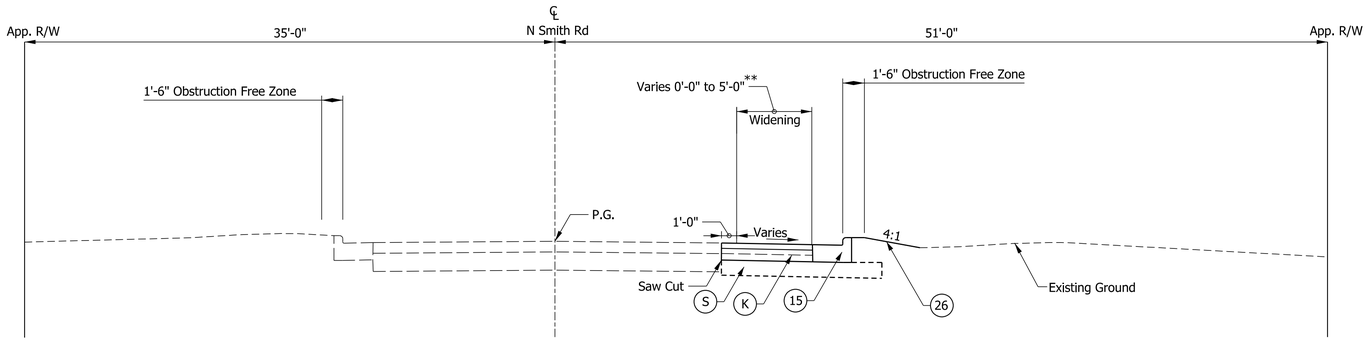


SMITH RD TYPICAL SECTION

Line "A" Sta. 83+70.00 to 86+00.00

*Restriped Left Turn Lane Varies 0'-0" to 12'-0" from Sta. 83+70.00 to Sta. 86+00.00



SMITH RD TYPICAL SECTION

Line "A" Sta. 82+95.69 to 83+70.00

**Widening Varies 0'-0" to 5'-0" from Sta. 82+95.69 to Sta. 83+70.00
Begin RT lane shift taper

***Pavement cross slope to match existing SE slope through limits of SE

LEGEND

(K) HMA FOR WIDENING COMPRISED OF:
165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm on
275 lb/yd^2 QC/QA - HMA, INTERMEDIATE, Type B on
880 lb/yd^2 QC/QA - HMA, BASE, Type B

(R) MILL AND OVERLAY, 1.5" COMPOSED OF::
165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm

(S) SUBGRADE TREATMENT, TYPE IC

(O) COMPACTED AGGREGATE, NO. 53

(15) CURB AND GUTTER, CONCRETE, MODIFIED

(F) SIDEWALK, CONCRETE

(26) SODDING & TOPSOIL

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

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INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
LINE "A"

SCALE	BRIDGE FILE
1/2"=1'	N/A
	DESIGNATION
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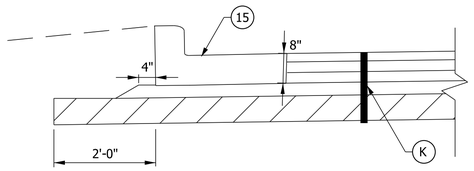
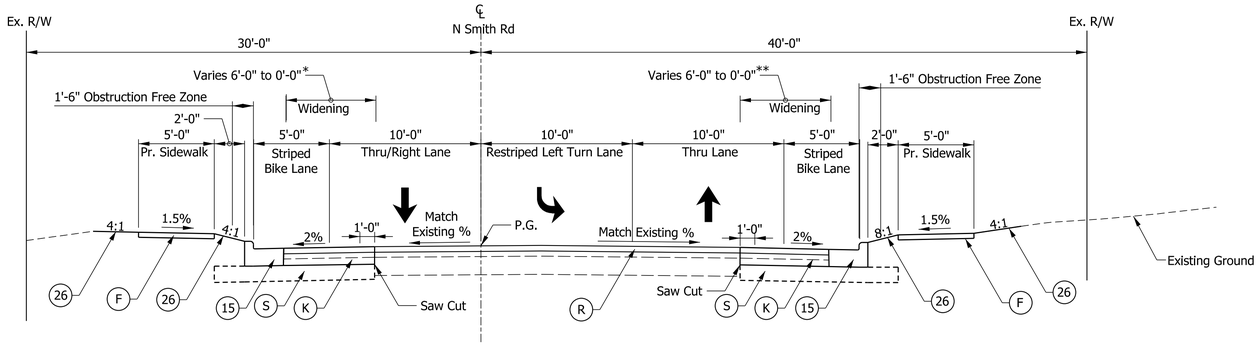


MODIFIED CONCRETE CURB AND GUTTER SECTION
FOR HMA PAVMENT WITHOUT UNDERDRAIN

NOT TO SCALE

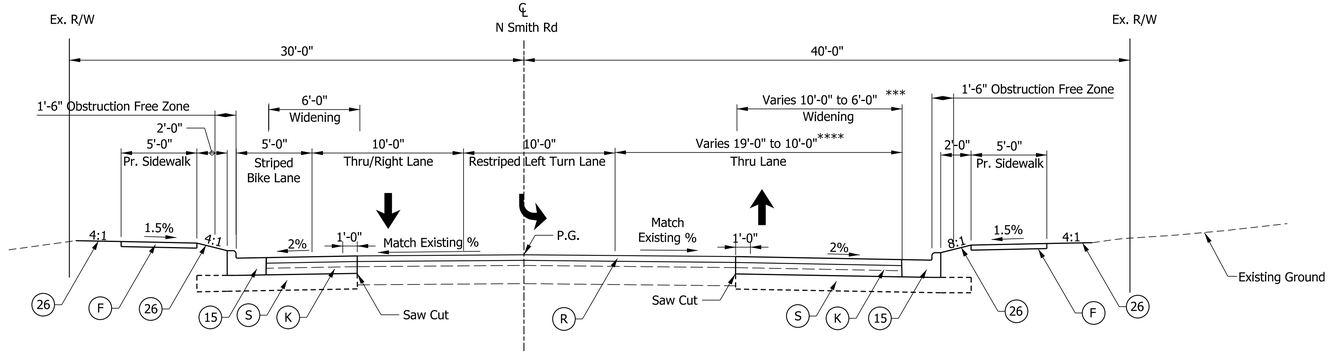


*Widening Varies 5'-0" to 0'-0" from Sta. 91+54.70 to Sta. 92+30.00

SMITH RD TYPICAL SECTION

Line "A" Sta. 88+79.00 to 92+30.00

**Widening Varies 5'-0" to 0'-0" from Sta. 90+56.80 to Sta. 91+34.80



SMITH RD TYPICAL SECTION

Line "A" Sta. 87+65.00 to 88+79.00

***Widening Varies 5'-0" to 0'-0" from Sta. 87+65.00 to Sta. 88+79.00

****Thru Lane Varies 5'-0" to 0'-0" from Sta. 87+65.00 to Sta. 88+79.00

LEGEND

- (K) HMA FOR WIDENING COMPRISED OF:
  165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm on
  275 lb/yd^2 QC/QA - HMA, INTERMEDIATE, Type B on
  880 lb/yd^2 QC/QA - HMA, BASE, Type B
- (R) MILL AND OVERLAY, 1.5" COMPOSED OF::
  165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm
- (S) SUBGRADE TREATMENT, TYPE IC
- (O) COMPACTED AGGREGATE, NO. 53
- (15) CURB AND GUTTER, CONCRETE, MODIFIED
- (F) SIDEWALK, CONCRETE
- (26) SODDING & TOPSOIL

CASSIN M. REITER
REGISTERED
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STATE OF INDIANA
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INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
LINE "A"

SCALE	BRIDGE FILE
1/2"=1'	N/A
	DESIGNATION
	1800208

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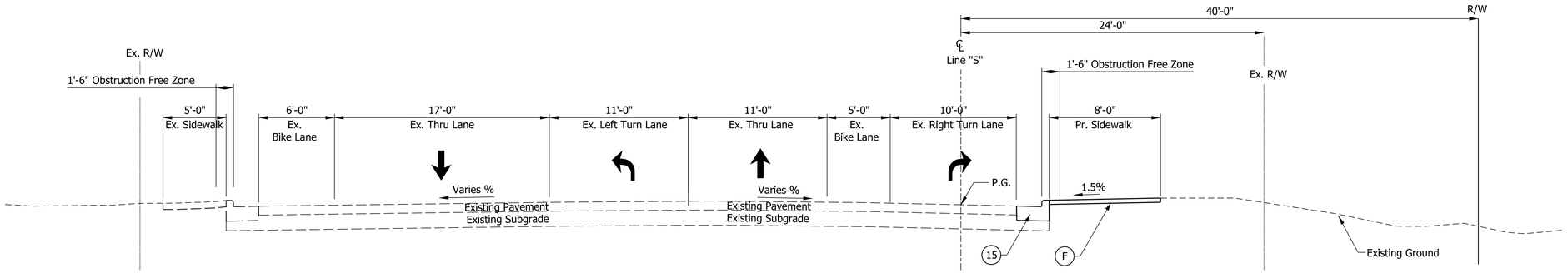
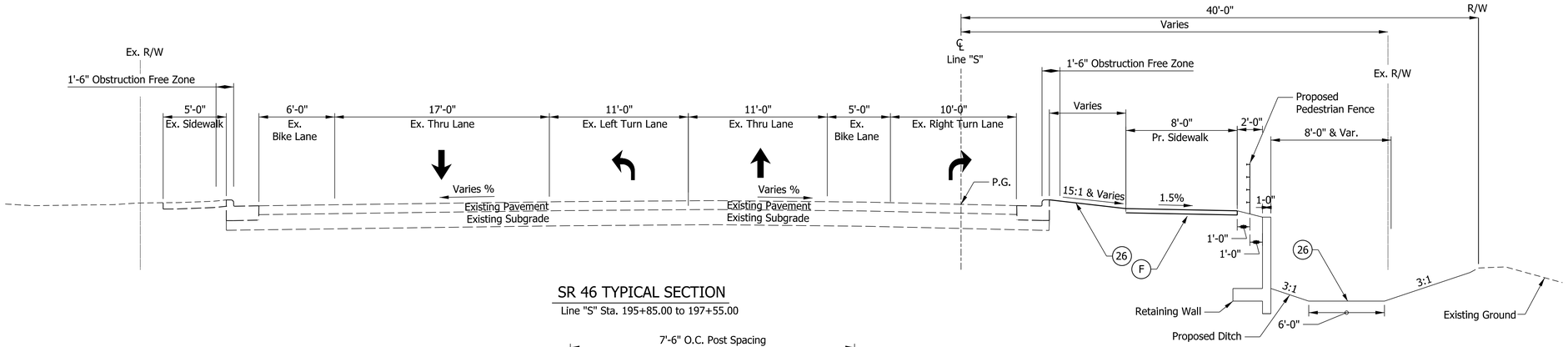


SR 46 TYPICAL SECTION

Line "S" Sta. 197+55.00 to 199+38.00

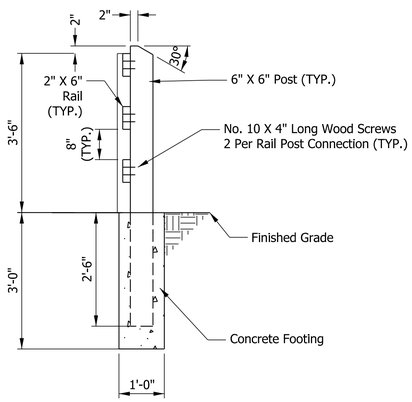


SR 46 TYPICAL SECTION

Line "S" Sta. 195+85.00 to 197+55.00

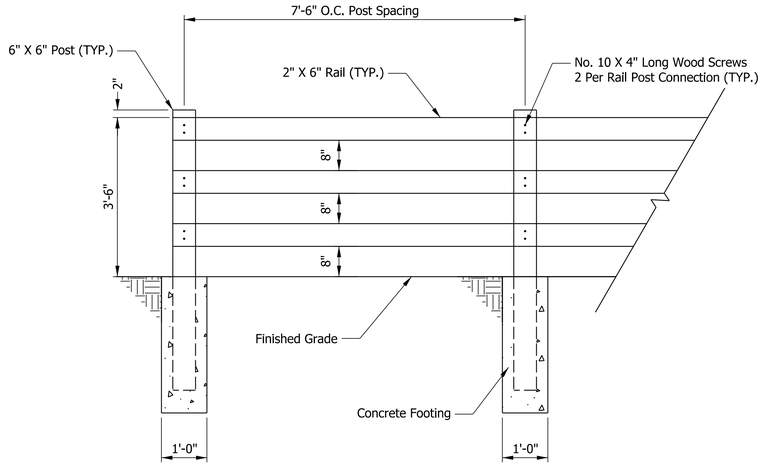
LEGEND

- (K) HMA FOR WIDENING COMPRISED OF:
  165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm on
  275 lb/yd^2 QC/QA - HMA, INTERMEDIATE, Type B on
  880 lb/yd^2 QC/QA - HMA, BASE, Type B
- (R) MILL AND OVERLAY, 1.5" COMPOSED OF::
  165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm
- (S) SUBGRADE TREATMENT, TYPE IC
- (O) COMPACTED AGGREGATE, NO. 53
- (15) CURB AND GUTTER, CONCRETE, MODIFIED
- (F) SIDEWALK, CONCRETE
- (26) SODDING & TOPSOIL



PEDESTRIAN FENCE SECTION VIEW

NOT TO SCALE



PEDESTRIAN FENCE ELEVATION VIEW

NOT TO SCALE

CASSIN M. REITER
REGISTERED
No.
PE10708024
STATE OF
INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

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CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
LINE "S"

SCALE	BRIDGE FILE
1/2"=1'	N/A
	DESIGNATION
	1800208

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PW$PLOT_DRIVER$ - PW$PLOT_TIMES AM_PM

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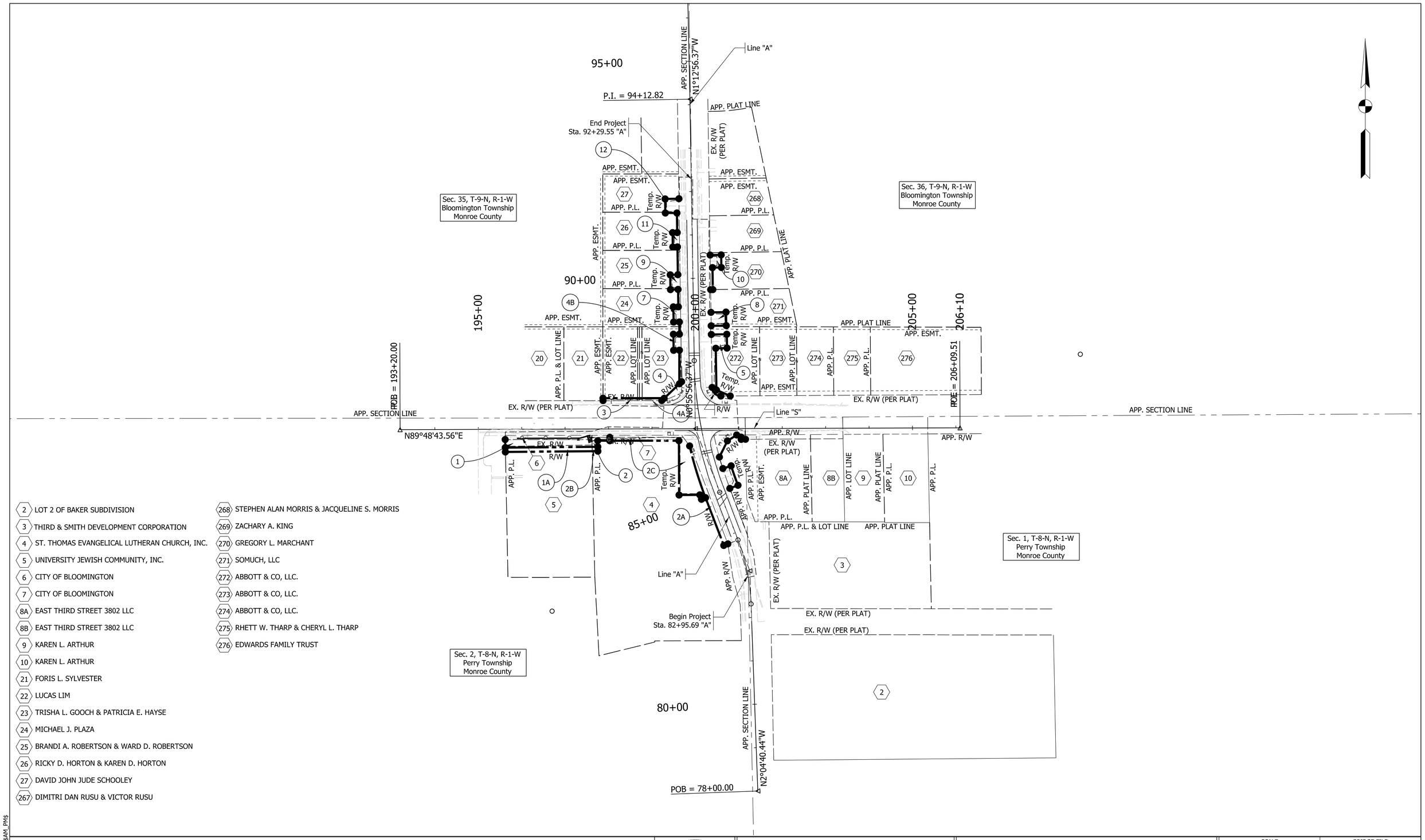

2 LOT 2 OF BAKER SUBDIVISION
3 THIRD & SMITH DEVELOPMENT CORPORATION
4 ST. THOMAS EVANGELICAL LUTHERAN CHURCH, INC.
5 UNIVERSITY JEWISH COMMUNITY, INC.
6 CITY OF BLOOMINGTON
7 CITY OF BLOOMINGTON
8A EAST THIRD STREET 3802 LLC
8B EAST THIRD STREET 3802 LLC
9 KAREN L. ARTHUR
10 KAREN L. ARTHUR
21 FORIS L. SYLVESTER
22 LUCAS LIM
23 TRISHA L. GOOCH & PATRICIA E. HAYSE
24 MICHAEL J. PLAZA
25 BRANDI A. ROBERTSON & WARD D. ROBERTSON
26 RICKY D. HORTON & KAREN D. HORTON
27 DAVID JOHN JUDE SCHOOLEY
267 DIMITRI DAN RUSU & VICTOR RUSU
268 STEPHEN ALAN MORRIS & JACQUELINE S. MORRIS
269 ZACHARY A. KING
270 GREGORY L. MARCHANT
271 SOMUCH, LLC
272 ABBOTT & CO, LLC.
273 ABBOTT & CO, LLC.
274 ABBOTT & CO, LLC.
275 RHETT W. THARP & CHERYL L. THARP
276 EDWARDS FAMILY TRUST

CASSIN M. RETTER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Retter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

PLAT 1

SCALE	BRIDGE FILE
1"=100'	N/A
	DESIGNATION
	1800208

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Model:$MODEL_NAME$

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. S. Smith Road at SR 46 can be closed up to 45 working days during Stage 1 construction. It shall not be closed at the same time as N Smith Road.

2. N Smith Road at SR 46 can be closed up to 45 working days during Stage 2 construction. It shall not be closed at the same time as S. Smith Road.

3. Fire Department shall have access to SR 46 at all times.

4. Fire Department shall have 48 hours notice if hydrants will be out of service or otherwise inaccessible.

5. Postmaster is Mindy E. Pemberton. Postmaster requires a two week notice of MOT changes and initial construction start. Post Office entrances shall remain open at all times. Additional information to be provided after further coordination with Postmaster.

6. Access to all drives shall be maintained during construction unless otherwise noted in the plans.

7. Contractor shall provide two weeks notice of Maintenance of Traffic changes and closures to Emergency Services, Bloomington Transit, USPS and IU Facilities.

8. Contractor shall coordinate access of City Bus Service and bus routes with Bloomington Transit. Contractor shall remove bus stop signage for any bus stops that are closed. Contractor shall provide 3 weeks notice to Bloomington Transit (Zac Huneck, zhuneck@bloomingtontransit.com) of changes to bus stops.

9. Contractor shall coordinate access of School Bus Service and bus routes with Monroe County Community School Corporation (MCCSC) Transportation Office. Contact is Nathan Oliver, Director of Transportation, 812-330-7719 ext-53410, noliver@mccsc.edu

10. Contractor shall maintain access for pedestrians at all times on any sidewalks not closed and detoured as shown in plans and in sequence of operations.

MAINTENANCE OF TRAFFIC SEQUENCE OF OPERATION

STAGE 1:

1. Left turns from SR 46 westbound shall be restricted within the project limits.

2. Construct improvements on south side of SR 46 including new sidewalk, new curb, retaining wall, and new radius return from Sta. 195+84.00 to Sta. 201+15.00.

3. Close S. Smith Road with detour.

4. Sidewalks within Stage 1 work zone will be closed and detoured.

5. Construct new curb and gutter on south side of SR 46.

6. Construct widening on S. Smith Road.

7. Construct new radii at SR 46 and S. Smith Road.

8. Proposed signal poles shall be installed during Stage 1 prior to removal/disconnection of the existing poles. Quantities for temporary span connections between existing and proposed will be paid for under the individual pay items.

9. Signal configuration at the intersection of SR 46 / Smith Road shall be updated to accomodate the change in traffic lanes. Signal heads shall shifted to align with traffic lanes of SR 46. Rewiring needed to maintain signals will be paid for under Maintaining Traffic. Unused signal heads shall be bagged.

STAGE 2:

1. Left turns from SR 46 eastbound shall be restricted within the project limits.

2. Construct new curb and gutter on north side of SR 46.

3. Close N. Smith Road with detour.

4. Sidewalks within Stage 2 work zone will be closed and detoured.

5. Construct widening on N. Smith Road.

6. Construct new radii at SR 46 and N. Smith Road.

7. Signal configuration at the intersection of SR 46 / Smith Road shall be updated to accomodate the change in traffic lanes. Signal heads shall shifted to align with traffic lanes of SR 46. Rewiring needed to maintain signals will be paid for under Maintaining Traffic. Unused signal heads shall be bagged.

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

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INDIANA
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MOT GENERAL NOTES

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XW20-3
48"
(A)

XW20-2
48"
(B)

R11-2
48" X 30"
(C)

XM4-8A
24" X 18"
(D)

M4-9a(L)
30" X 24"
(E)

M4-9a(R)
30" X 24"
(F)

R9-9
24" x 12"
(G)

M4-8
24" X 12"
DETOUR
N Smith Road
M5-1L
21" X 15"
(11)

M4-8
24" X 12"
DETOUR
N Smith Road
M6-1
21" X 15"
(12)

M4-8
24" X 12"
DETOUR
N Smith Road
M6-3
21" X 15"
(13)

M4-8
24" X 12"
DETOUR
N Smith Road
M5-1R
21" X 15"
(14)

M4-8
24" X 12"
DETOUR
N Smith Road
M6-1
21" X 15"
(15)

M4-8
24" X 12"
DETOUR
INDIANA 46
M6-3
21" X 15"
(6)

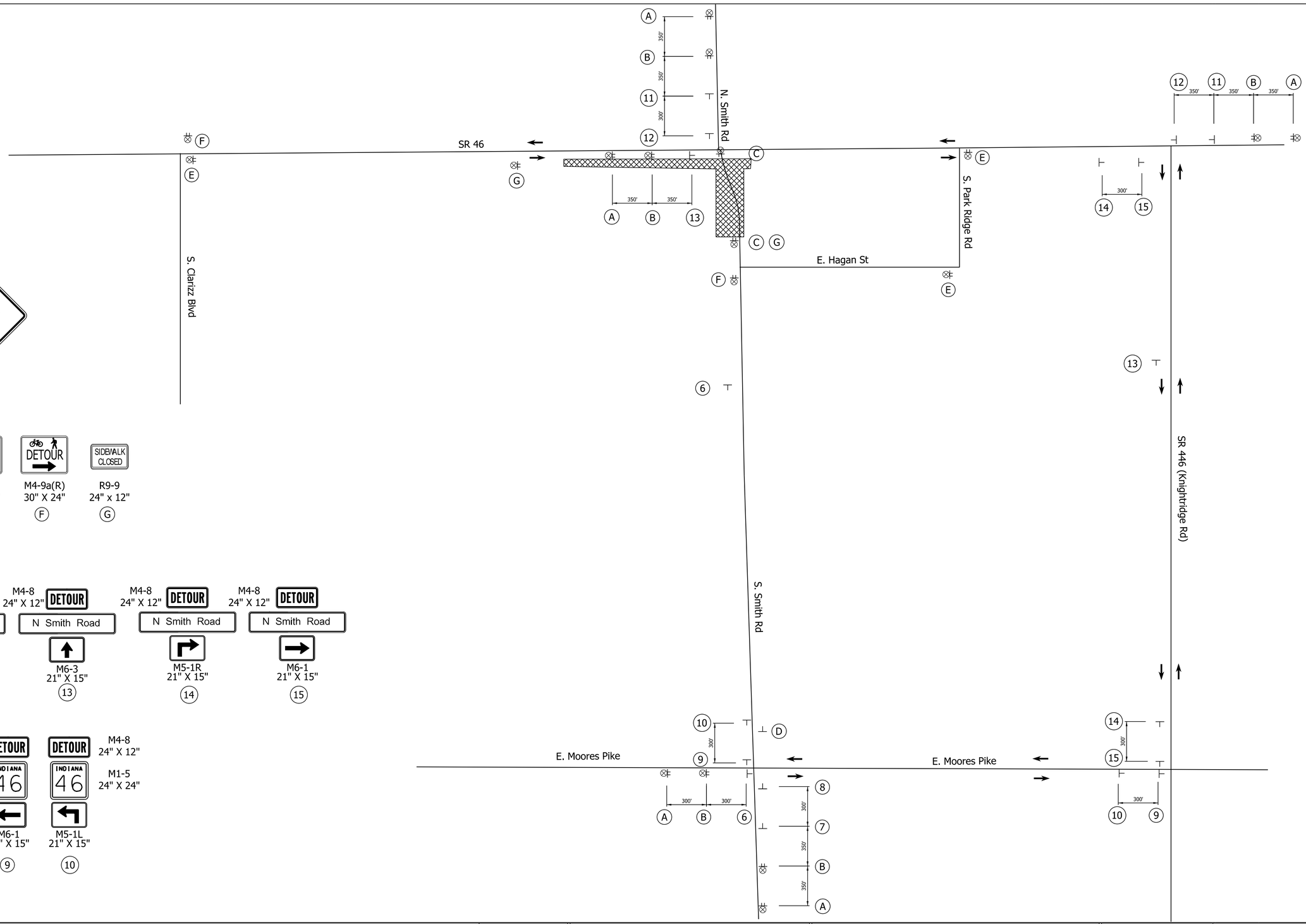
DETOUR
INDIANA 46
M5-1R
21" X 15"
(7)

DETOUR
INDIANA 46
M6-1
21" X 15"
(8)

DETOUR
INDIANA 46
M6-1
21" X 15"
(9)

DETOUR
INDIANA 46
M5-1L
21" X 15"
(10)

M1-5
24" X 24"



LEGEND:

- Detour Route
- Construction Area
- Construction Warning Lights, A
- Construction Sign
- Detour Route Marker

Note:
Length of detour = 2.5 miles

Pedestrian MOT Notes:

1. There are two phases of Stage 1 MOT. In Phase 1, the sidewalks are closed at the southern corners of the SR 46 and Smith Rd intersection. In Phase 2, the sidewalk along the west side of Smith Road from the intersection to the southern extent of the project is closed.
2. Bike and pedestrian detour signs will be provided at the nearest crosswalk; for eastbound pedestrians on SR 46 this is S Clarizz Blvd. For northbound pedestrians on Smith Road the detour is at Hagan St. 'Sidewalk Closed' sign will be placed at the beginning of the western sidewalk on Smith Rd.

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INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1 SOUTH SMITH ROAD TRAFFIC CLOSURE
OFFICIAL DETOUR ROUTE

SCALE	BRIDGE FILE
NOT TO SCALE	N/A
	DESIGNATION
	1800208

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PLOTDATE: 3/10/2023 - TIME: 8:44:31 AM PM$
PLOTSCALE: 1.0000
PLOTTED BY: Cassin Reiter

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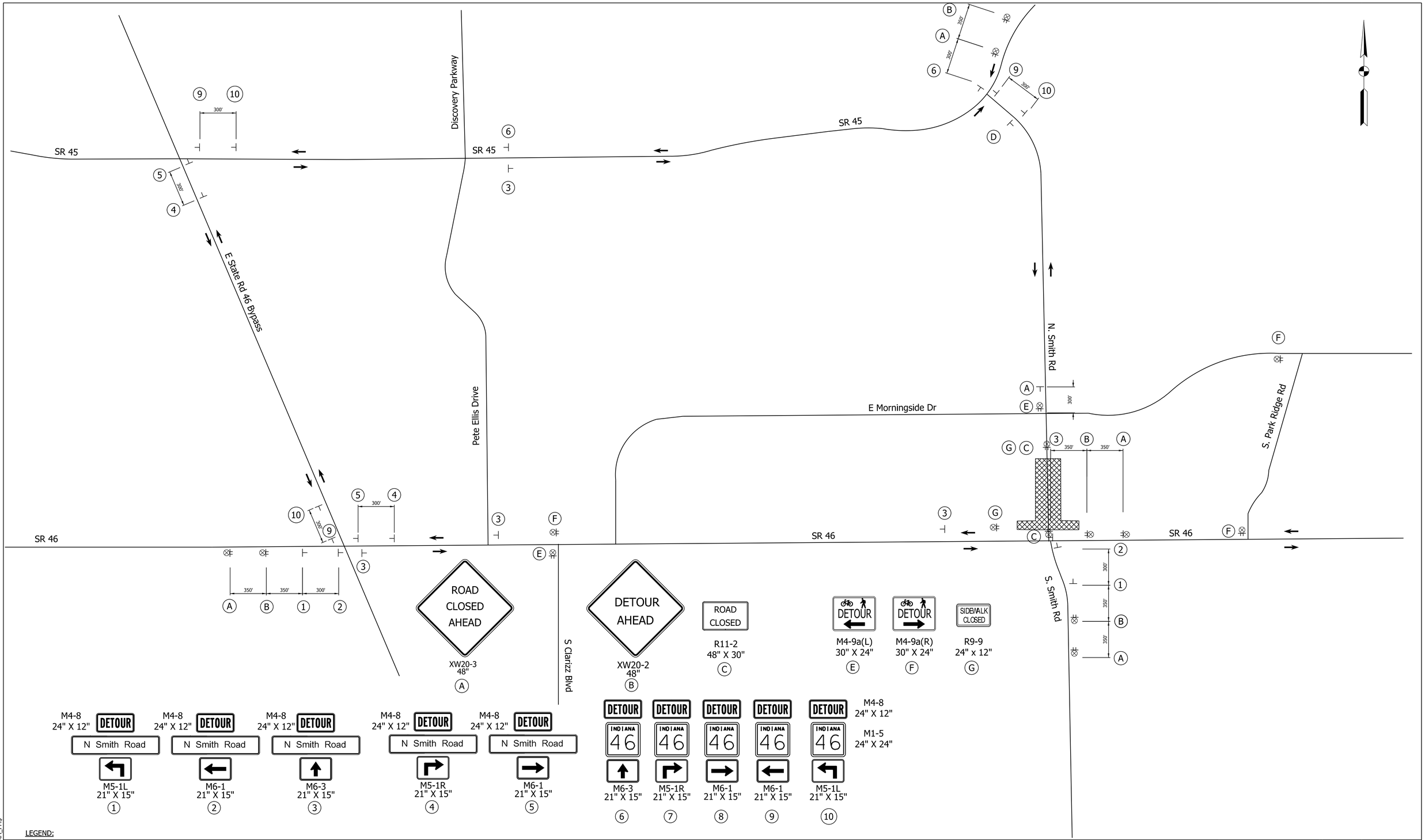

LEGEND:

- Detour Route
- Construction Area
- Construction Warning Lights, A
- Construction Sign
- Detour Route Marker

Note:
Length of detour = 2.5 miles

Pedestrian MOT Notes:

1. There are two phases of Stage 2 MOT. In Phase 1, the sidewalks are closed at the northern corners of the SR 46 and Smith Rd intersection. In Phase 2, the sidewalks along Smith Road from the intersection to the northern extent of the project are closed.
2. Bike and pedestrian detour signs will be provided at the nearest crosswalk; for eastbound pedestrians on SR 46 this is at S Clarizz Blvd. For southbound pedestrians on Smith Road this is at Morningside Dr.

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL	Cassin M. Reiter 3/10/2023 DESIGN ENGINEER DATE		
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INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2 NORTH SMITH ROAD TRAFFIC CLOSURE
OFFICIAL DETOUR ROUTE

SCALE	BRIDGE FILE
	N/A
	DESIGNATION
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CONTRACT	PROJECT
R-41465	1800208

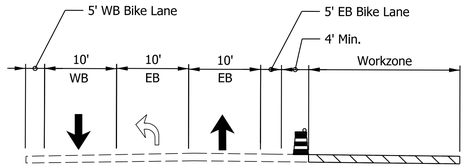
PlotBy:PLOT_DATE$ PLOT_TIME$ AM_PM

L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_Detour_Stg2.dgn

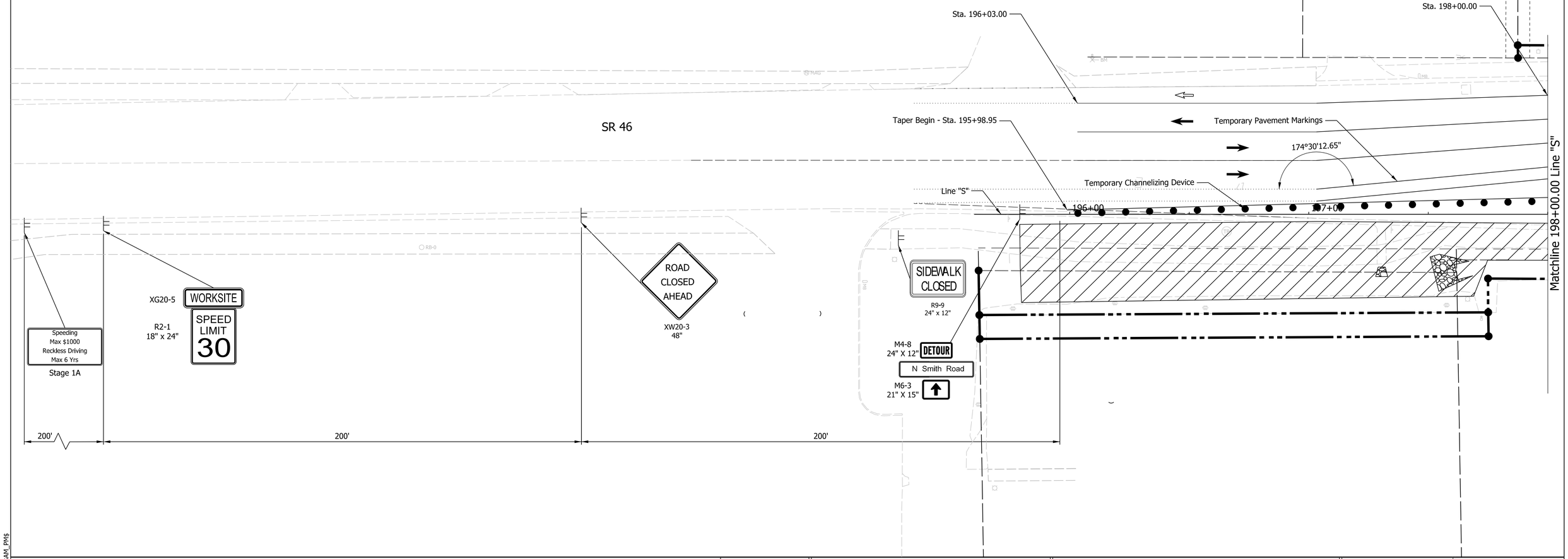
SR 46 Construction Zone Design Speed = 30 MPH
Smith Road Construction Zone Design Speed = 25 MPH

Note:

1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.



SR 46 TYPICAL SECTION



LEGEND:

- Construction Area
- Construction Sign
- Direction of Traffic
- Temporary Channelizing Device
- Construction Warning Lights, A
- Temporary Pavement Markings
- XXXX Type III Barricades, A or B

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL	Cassin M. Reiter DESIGN ENGINEER	3/10/2023 DATE	
DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 1A

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	12 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg1_04.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH

Smith Road Construction Zone Design Speed = 25 MPH

Matchline 89+25.00

89+00

88+00

87+00

86+00

Smith Rd

200'

5' WB Bike Lane

5' EB Bike Lane

4' Min.

Workzone

10' WB

10' EB

10' EB

SR 46 TYPICAL SECTION

A-A

10' WB

10' WB

10' EB

B-B

Note:

1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.

M4-8
24" X 12"
DETOUR
N Smith Road

M6-1
21" X 15"

Maintain existing signal at SR 46/Smith Rd Intersection. Bag signal for left turn signal WB

Temporary Stop Bar
Sta. 199+45.27

Temporary Stop Bar
Sta. 200+56.00

ROAD CLOSED

R11-2
48" X 30"

XG20-5 WORKSITE

R2-1
18" x 24"
SPEED LIMIT 30

Speeding
Max $1000
Reckless Driving
Max 6 Yrs

Stage 1A

ROAD CLOSED AHEAD

XW20-3
48"

A

B

Line "S"

Line "A"

Matchline 198+00.00

198+00

199+00

200+00

201+00

202+00

203+00

204+00

SR 46

Temporary Pavement Markings

Proposed signal pole to be constructed prior to removal of existing pole in this quadrant

Temporary Channelizing Devices

SIDEWALK CLOSED

R9-9
24" x 12"

ROAD CLOSED

R11-2
48" X 30"

Proposed signal pole to be constructed prior to removal of existing pole in this quadrant.

Taper End - Sta. 201+16.64

Sta. 202+30.00

END CONSTRUCTION

Stage 1A

Sta. 203+15.00

100'

Matchline 85+50.00

LEGEND:

- Construction Area
- Construction Sign
- Direction of Traffic
- Temporary Channelizing Device
- Construction Warning Lights, A
- Temporary Pavement Markings
- XXXX Type III Barricades, A or B

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023
DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023
CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1A

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	13 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM

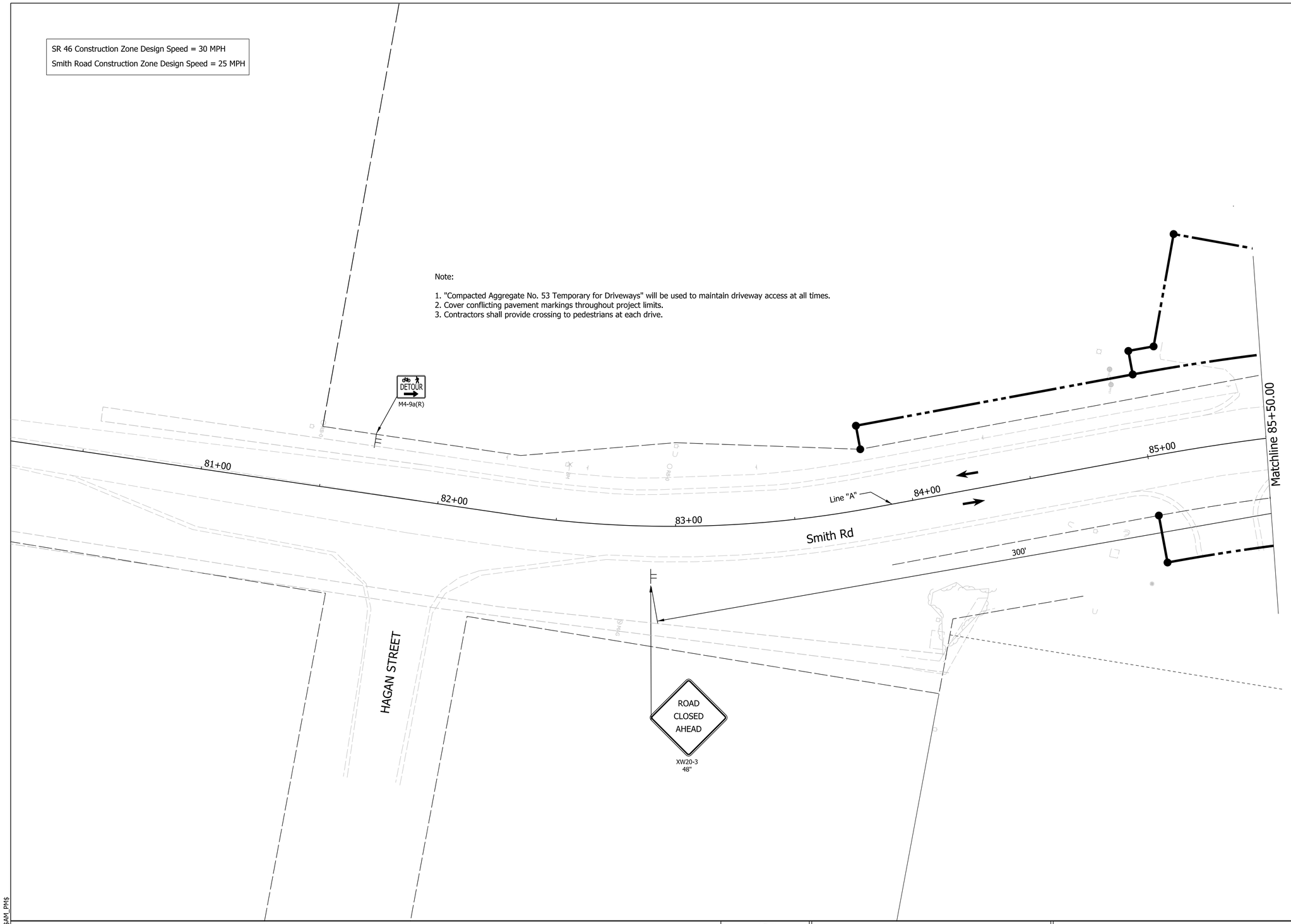
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg1_02.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH

Smith Road Construction Zone Design Speed = 25 MPH

Note:

1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.



LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Concrete Barrier
- XXXX Type III Barricades, A or B

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023

CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 1A

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS		
Electronic	14	of	108
CONTRACT	PROJECT		
R-41465	1800208		

PW$PLOT_DATE$ $PLOT_TIME$ AM_PM

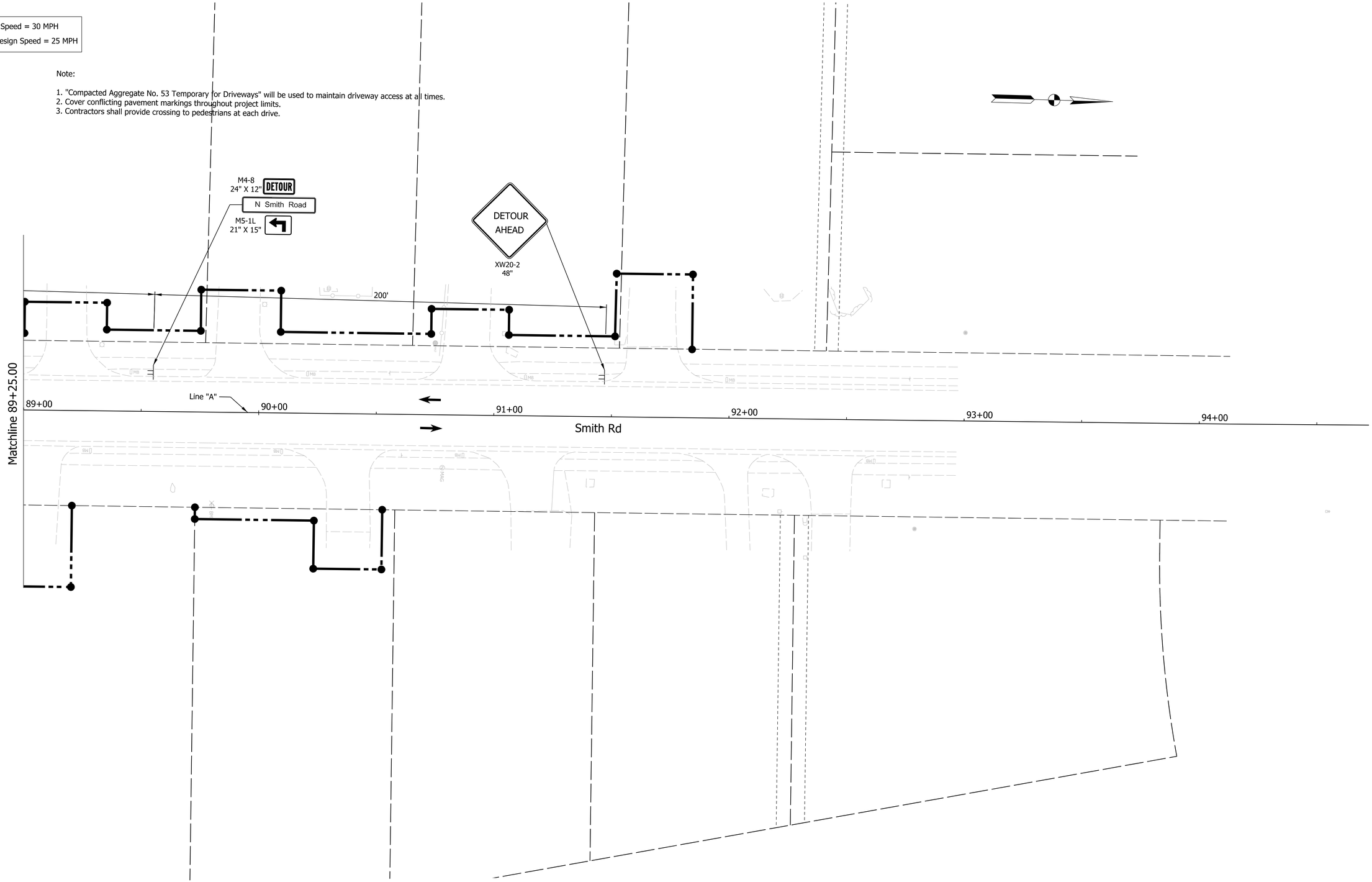
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg1_01.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH

Smith Road Construction Zone Design Speed = 25 MPH

Note:

1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.



LEGEND:

- Construction Area
- Construction Sign
- Direction of Traffic
- Temporary Channelizing Device
- Construction Warning Lights, A
- Temporary Pavement Marking
- XXXX Type III Barricades, A or B

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 1A

SCALE	BRIDGE FILE
1"=20"	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	15 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM

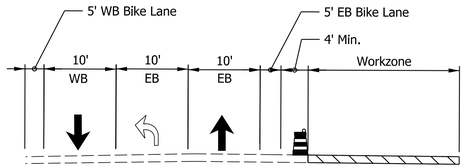
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg1_03.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH

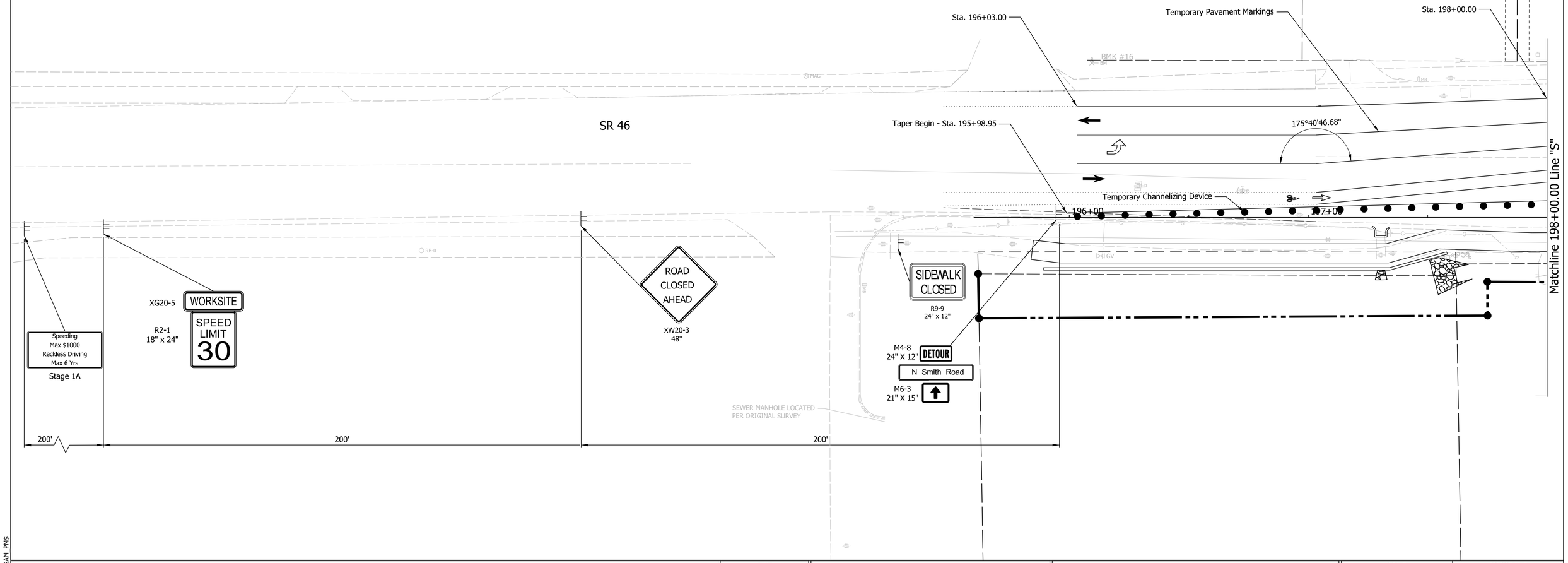
Smith Road Construction Zone Design Speed = 25 MPH

Note:

1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.



SR 46 TYPICAL SECTION



LEGEND:

- Construction Area
- Construction Sign
- Direction of Traffic
- Temporary Channelizing Device
- Construction Warning Lights, A
- Temporary Pavement Markings
- XXXX Type III Barricades, A or B

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL	Cassin M. Reiter 3/10/2023 DESIGN ENGINEER DATE		
DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 1B

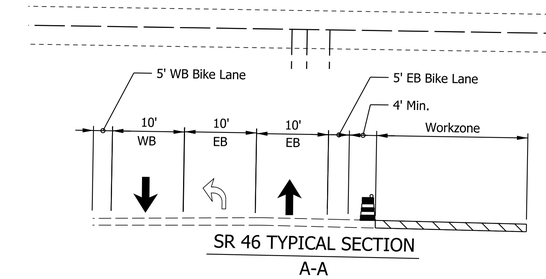
SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	16 of 108
CONTRACT	PROJECT
R-41465	1800208

PW$PLOT_DATE$ $PLOT_TIME$ AM_PM

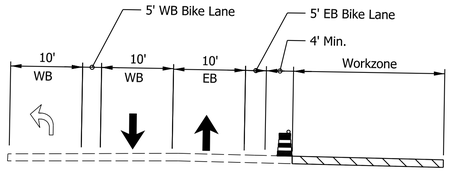
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg1B_01.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH
Smith Road Construction Zone Design Speed = 25 MPH

Matchline 89+25.00



SR 46 TYPICAL SECTION
A-A



SR 46 TYPICAL SECTION
B-B

Note:

1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.

M4-8
24" X 12" DETOUR
N Smith Road
M6-1
21" X 15"

Maintain existing signal at SR 46/Smith Rd Intersection. Bag signal for left turn signal WB

Temporary Stop Bar
Sta. 199+45.27

Temporary Stop Bar
Sta. 200+56.00

XG20-5 WORKSITE
R2-1
18" x 24"
SPEED LIMIT 30

Speeding
Max $1000
Reckless Driving
Max 6 Yrs
Stage 1A

ROAD CLOSED AHEAD
XW20-3
48"

200'

200'

Smith Rd

89+00

88+00

87+00

86+00

Line "A"

Line "S"

Matchline 198+00.00

198+00

199+00

200+00

201+00

202+00

203+00

204+

SR 46

A

A

B

B

Temporary Pavement Markings

Temporary Channelizing Devices

SIDEWALK CLOSED
R9-9
24" x 12"

ROAD CLOSED
R11-2
48" X 30"

SIDEWALK CLOSED
R9-9
24" x 12"

100'

Taper End - Sta. 201+16.64

Sta. 202+30.00

END CONSTRUCTION
Stage 1A

Sta. 203+15.00

Maintain access to this drive at all times

Matchline 85+50.00

MOT SEQUENCE OF OPERATIONS

STAGE 1:
Phase 1A; Construct new radii on SR 46 and South Smith Rd.
Phase 1B; Construct widening on South Smith Rd

LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Markings
- XXXX Type III Barricades, A or B

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1B

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS		
Electronic	17	of	108
CONTRACT	PROJECT		
R-41465	1800208		

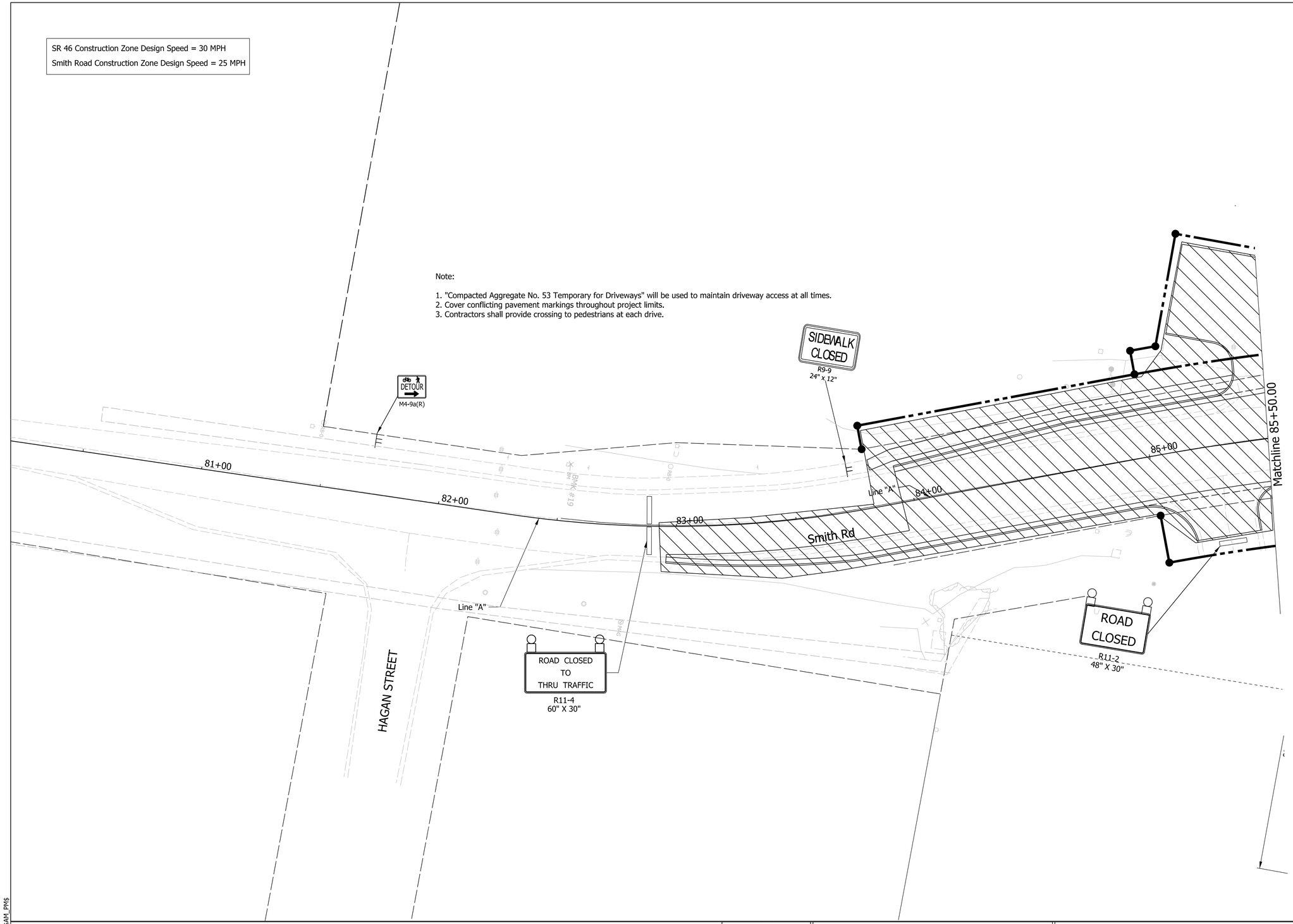
Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg1B_02.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH

Smith Road Construction Zone Design Speed = 25 MPH

Note:

1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.



LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Concrete Barrier
- XXXX Type III Barricades, A or B

CASSIN M. REITER — REGISTERED — No. PE10708024 — STATE OF INDIANA — PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL	Cassin M. Reiter 3/10/2023 DESIGN ENGINEER DATE		
DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 1B

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	18 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: $PLOT_DATE$ $PLOT_TIME$ AM_PM

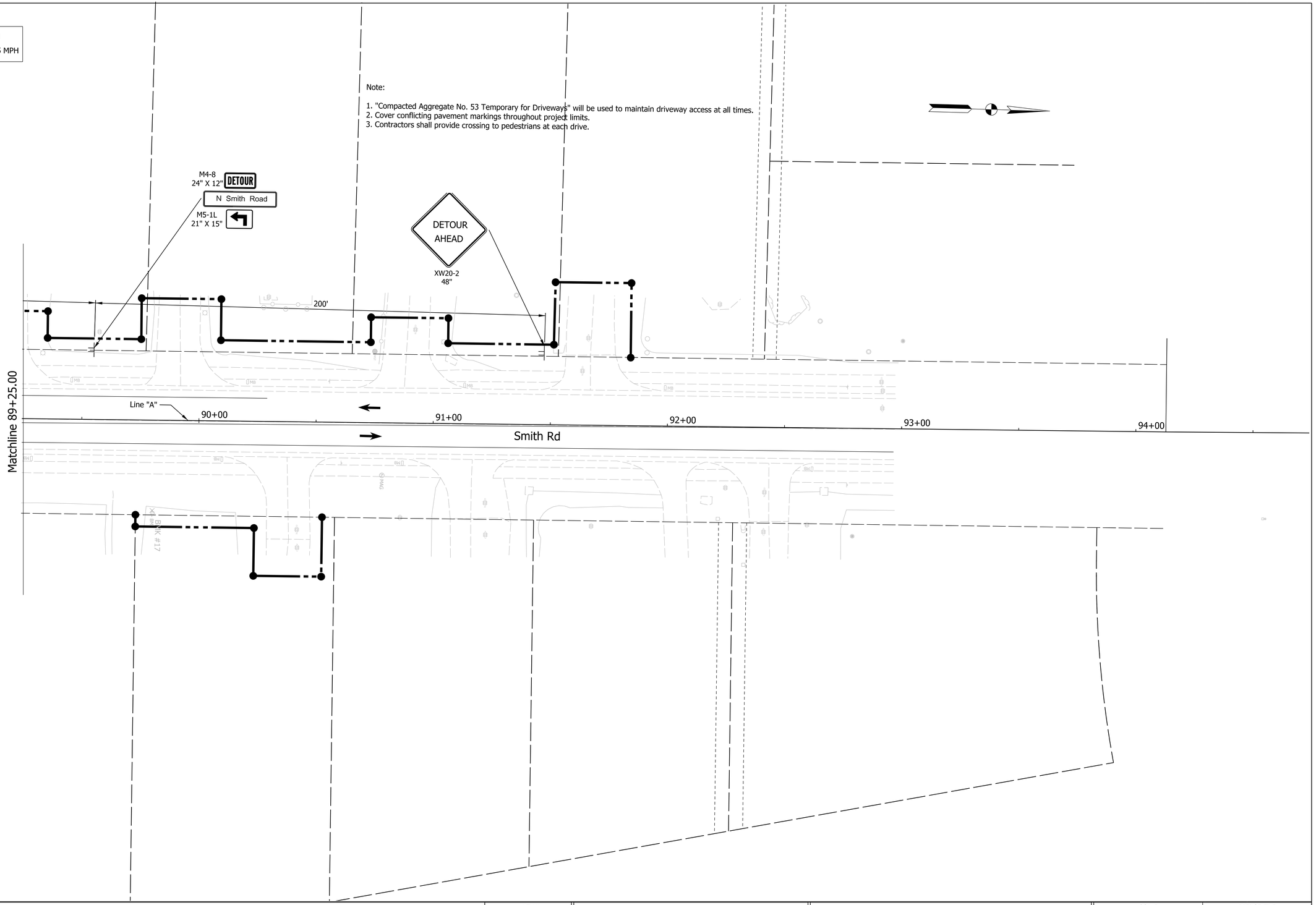
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg1B_03.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH

Smith Road Construction Zone Design Speed = 25 MPH

Note:

1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.



LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Marking
- XXXX Type III Barricades, A or B

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023

CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1B

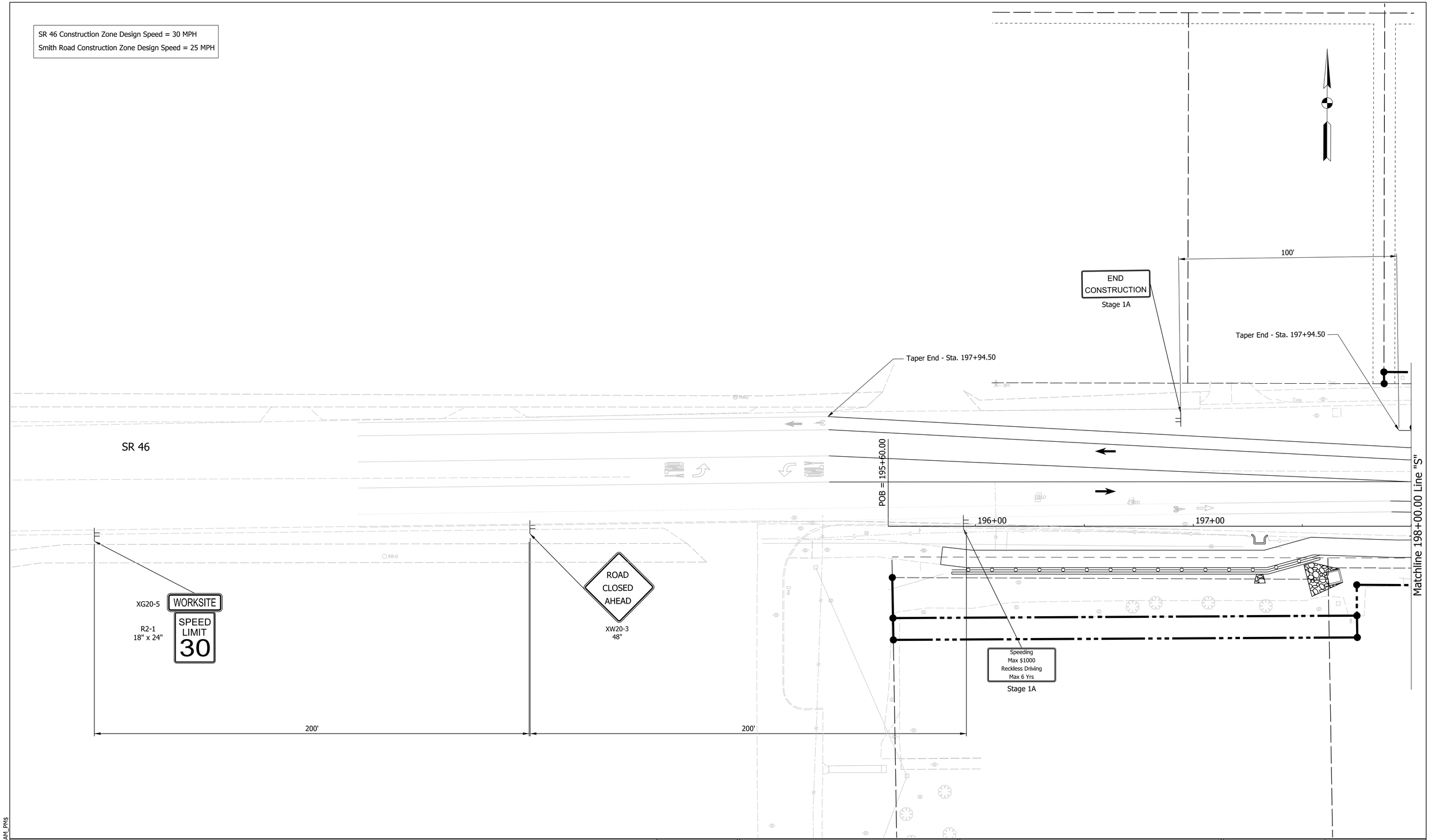
SCALE	BRIDGE FILE
1"=20"	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS		
Electronic	19	of	108
CONTRACT	PROJECT		
R-41465	1800208		

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg1B_04.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH
Smith Road Construction Zone Design Speed = 25 MPH



LEGEND:

- Construction Area
- Construction Sign
- Direction of Traffic
- Temporary Channelizing Device
- Construction Warning Lights, A
- Temporary Pavement Markings
- XXXX Type III Barricades, A or B

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023
DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023
CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2A

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	20 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg2A_01.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH
Smith Road Construction Zone Design Speed = 25 MPH

Matchline 89+25.00

89+00

Smith Rd

88+00

Line "A"

P.T. = 88+10.41

87+00

86+00

Smith Rd

Matchline 85+50.00

Matchline 198+00.00

198+00

199+00

200+00

201+00

202+00

203+00

Matchline 204+05.00

SR 46

Line "S"

Line "A"

5' WB Bike Lane
4' Min.
Workzone
10' WB
10' EB
10' EB
5' EB Bike Lane

SR 46 TYPICAL SECTION
A-A

5' WB Bike Lane
4' Min.
Workzone
10' WB
10' WB
10' EB
5' EB Bike Lane

SR 46 TYPICAL SECTION
B-B

SIDEWALK CLOSED
R9-9
24" x 12"

ROAD CLOSED
R11-2
48" X 30"

Temporary Channelizing Device

A

B

Temporary Stop Bar
Sta. 200+56.00

Sta. 200+81.00

Taper Begin - Sta. 204+00.00

Temporary Pavement Marking

Temporary Stop Bar at Sta. 199+44.00

M4-8
24" X 12"
DETOUR

N Smith Road

M6-1
21" X 15"

LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Markings
- Type III Barricades, A or B

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 3/10/2023 DATE

DESIGNED: CMP 3/10/2023
DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023
CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

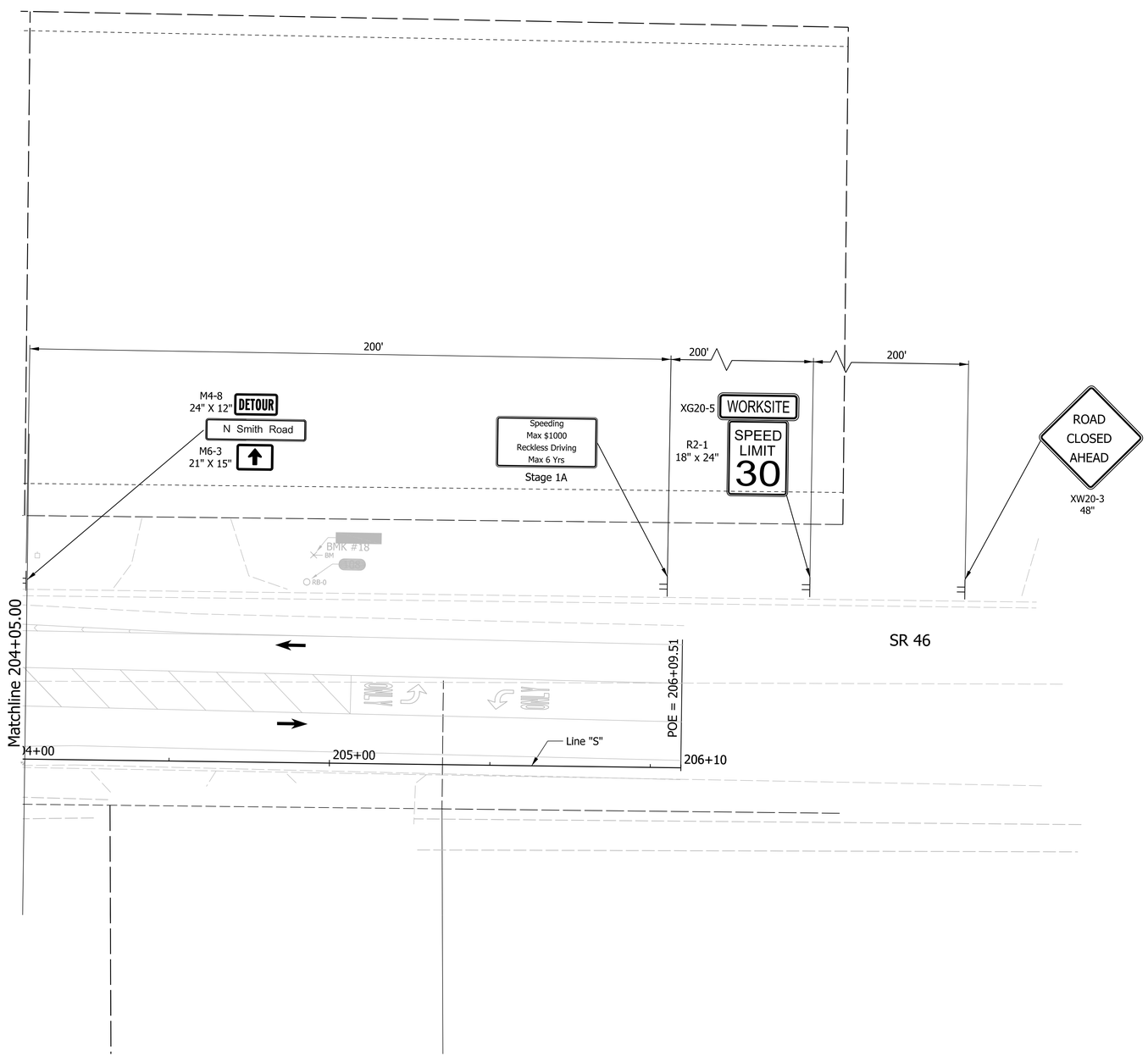
MAINTENANCE OF TRAFFIC
STAGE 2A

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	21 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg2A_02.dgn
Model: $MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH
Smith Road Construction Zone Design Speed = 25 MPH



LEGEND:

- Construction Area
- Construction Sign
- Direction of Traffic
- Temporary Channelizing Device
- Construction Warning Lights, A
- Temporary Pavement Markings
- Type III Barricades, A or B

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

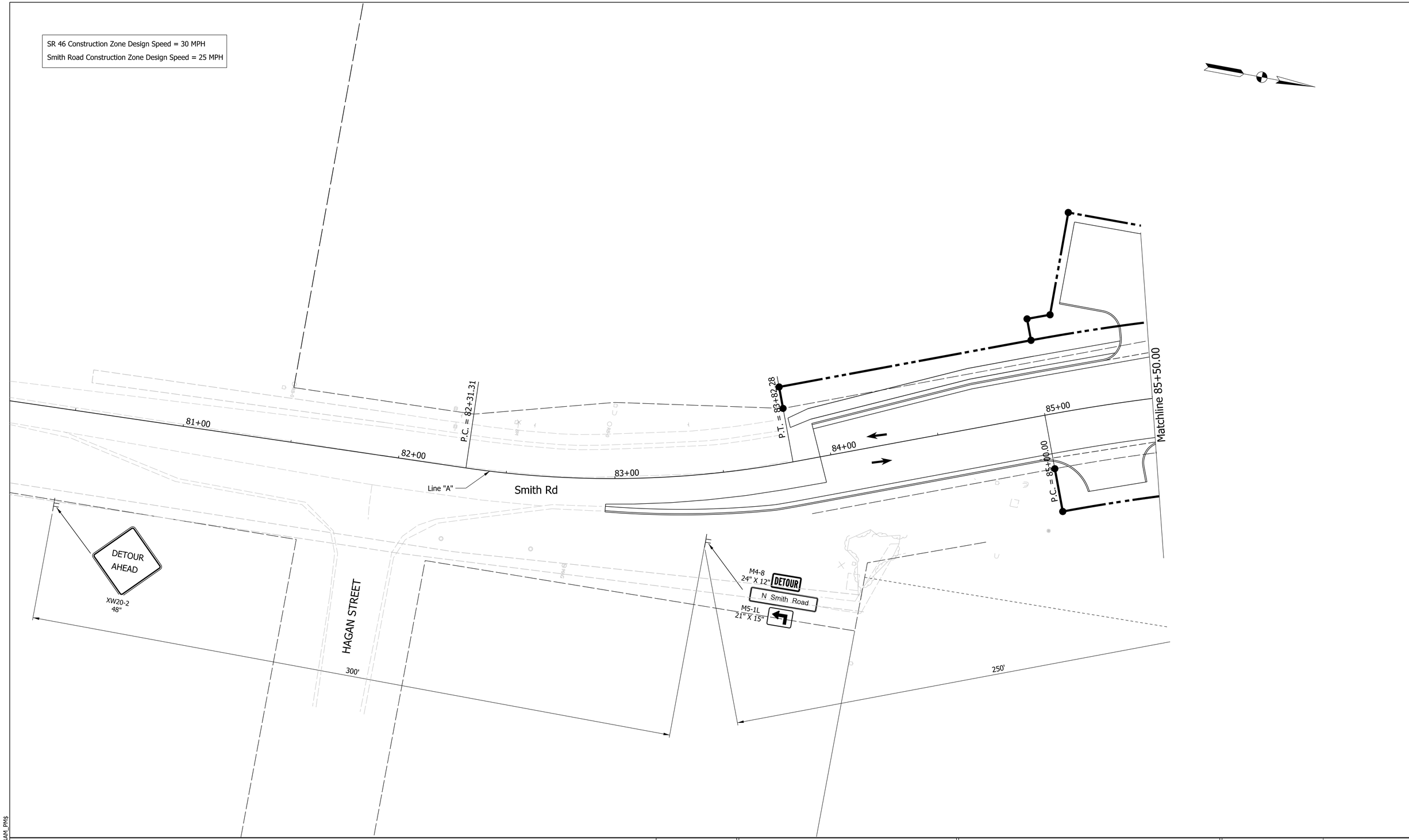
MAINTENANCE OF TRAFFIC
STAGE 2A

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	22 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg2A_05.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH
Smith Road Construction Zone Design Speed = 25 MPH



LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Concrete Barrier
- Type III Barricades, A or B

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2A

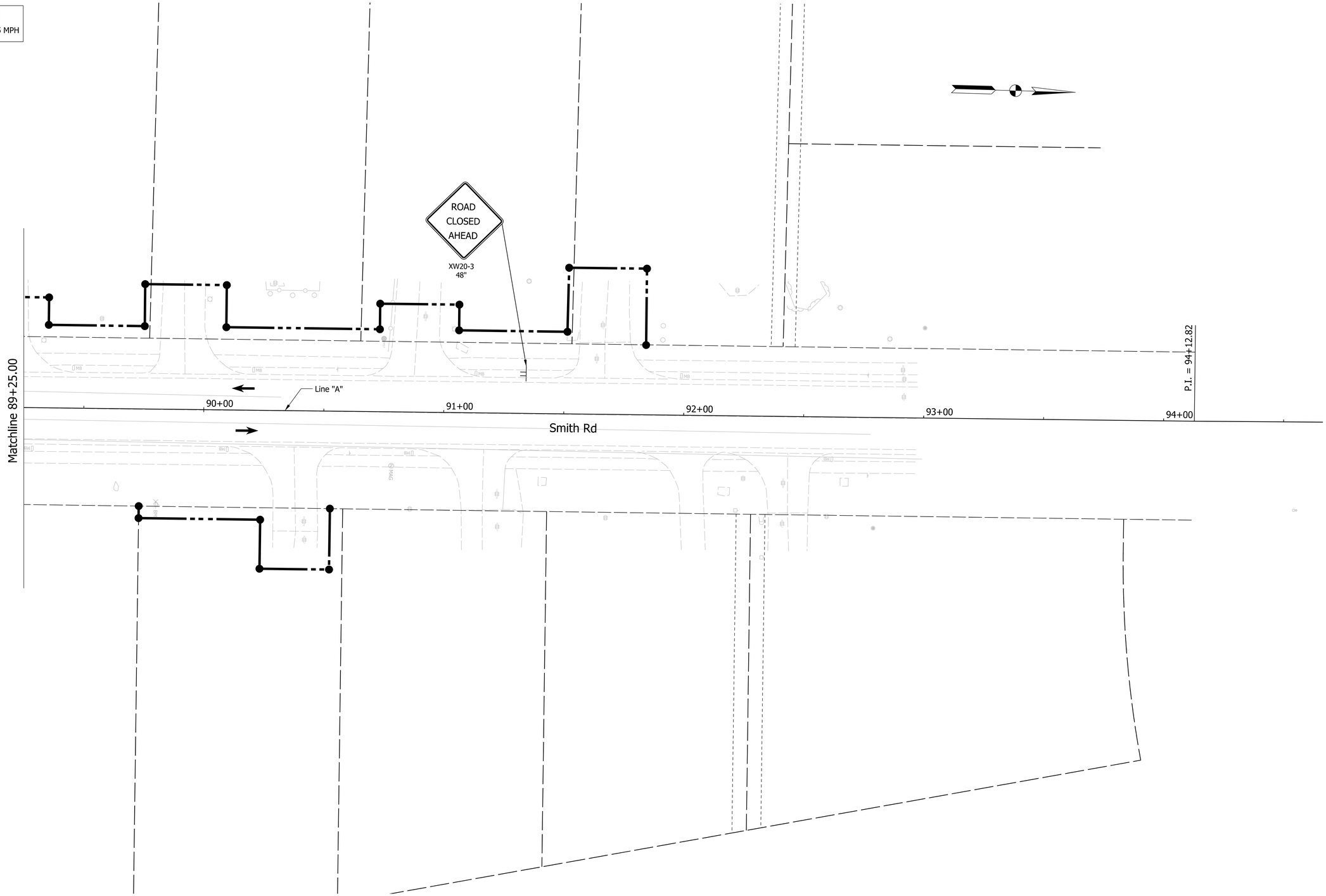
SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS		
Electronic	23	of	108
CONTRACT	PROJECT		
R-41465	1800208		

PLOTDATE=$DATE$ $TIME$ AM_PM
PLOTSCALE=$SCALE$
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg2A_03.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH

Smith Road Construction Zone Design Speed = 25 MPH



LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Marking
- XXXX Type III Barricades, A or B

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023	DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023	CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2A

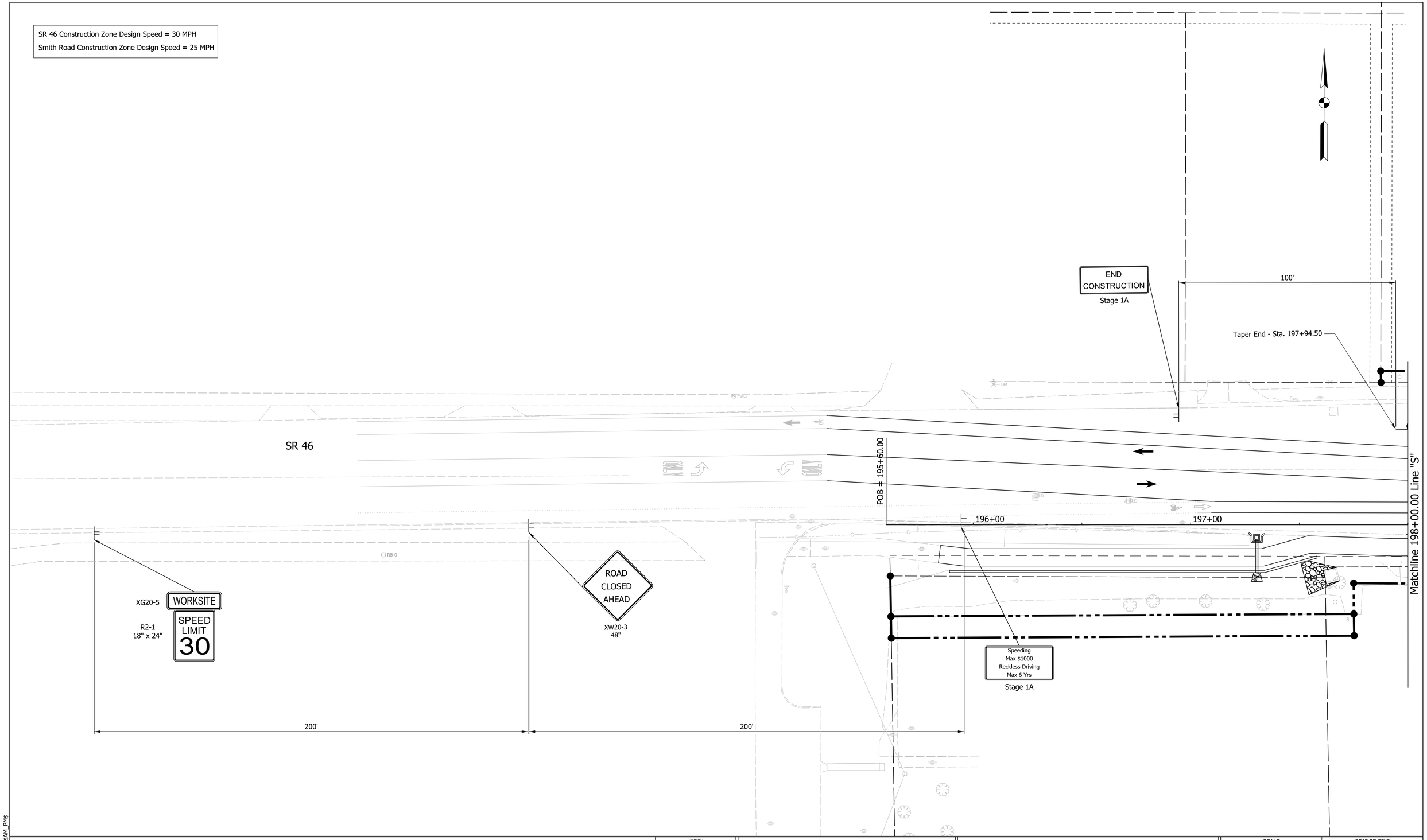
SCALE	BRIDGE FILE
1"=20"	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	24 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg2A_04.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH
Smith Road Construction Zone Design Speed = 25 MPH



LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Markings
- XXXX Type III Barricades, A or B

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2B

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	25 of 108
CONTRACT	PROJECT
R-41465	1800208

PlotPLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg2B_01.dgn
Model:$MODEL_NAME$

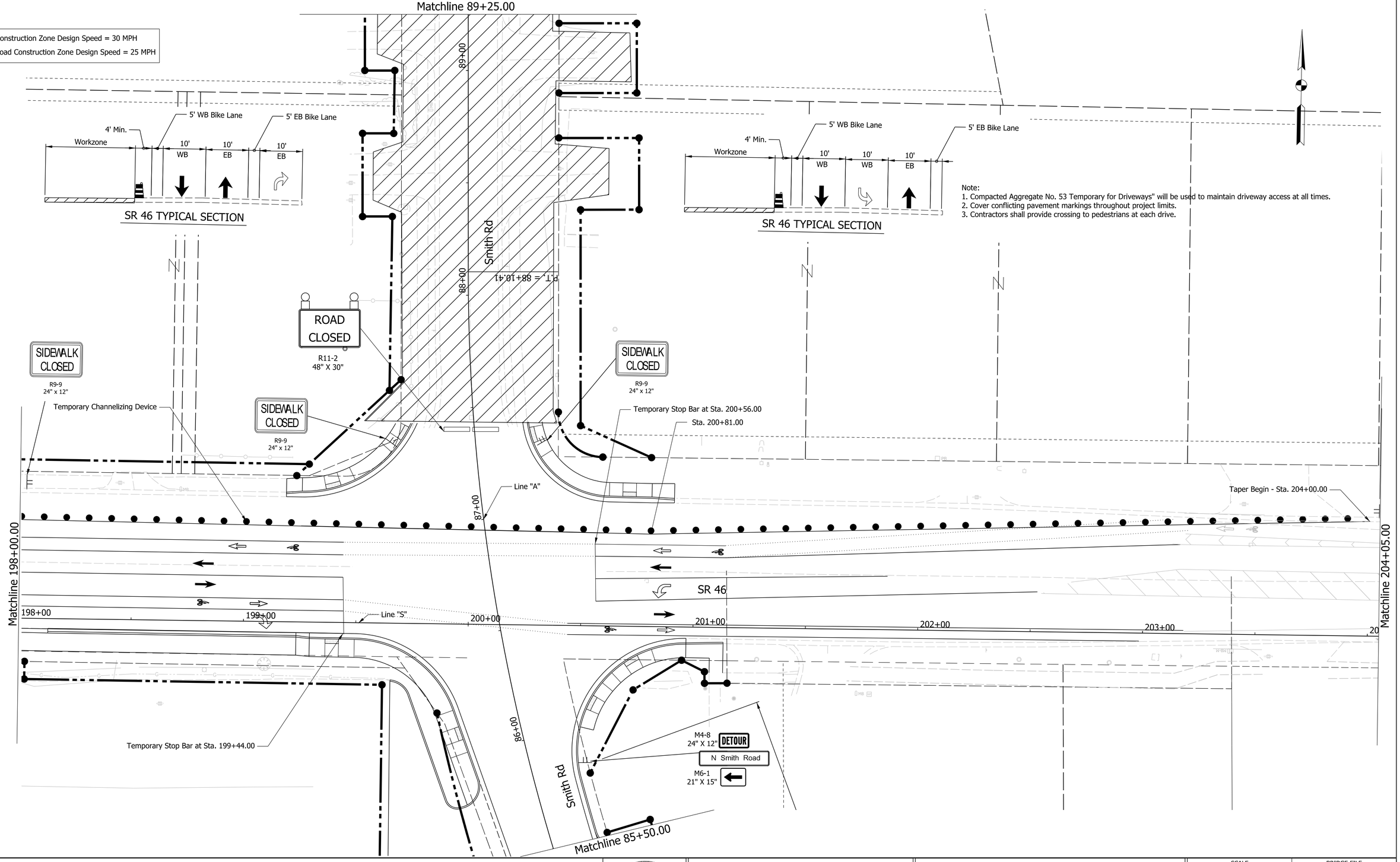
SR 46 Construction Zone Design Speed = 30 MPH
Smith Road Construction Zone Design Speed = 25 MPH

Matchline 89+25.00

SR 46 TYPICAL SECTION

SR 46 TYPICAL SECTION

Note:
1. Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.



LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Markings
- XXXX Type III Barricades, A or B

CASSIN M. REITER — REGISTERED — No. PE10708024 — STATE OF INDIANA — PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter — DESIGN ENGINEER — 3/10/2023 DATE

DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 2B

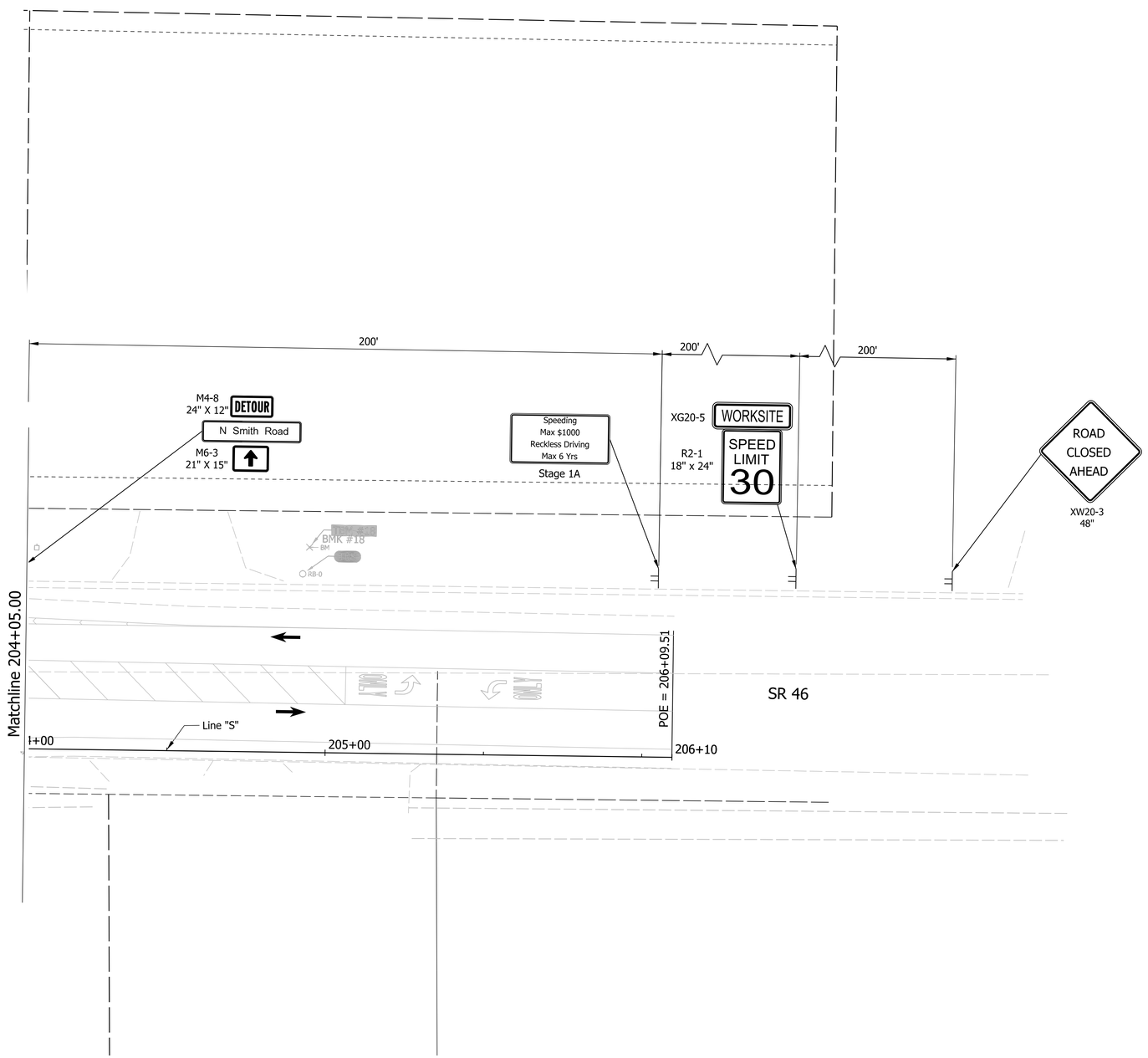
SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	26 of 108
CONTRACT	PROJECT
R-41465	1800208

PLOTDATE = $DATE$ $TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg2B_02.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH
Smith Road Construction Zone Design Speed = 25 MPH



LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Markings
- XXXX Type III Barricades, A or B

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2B

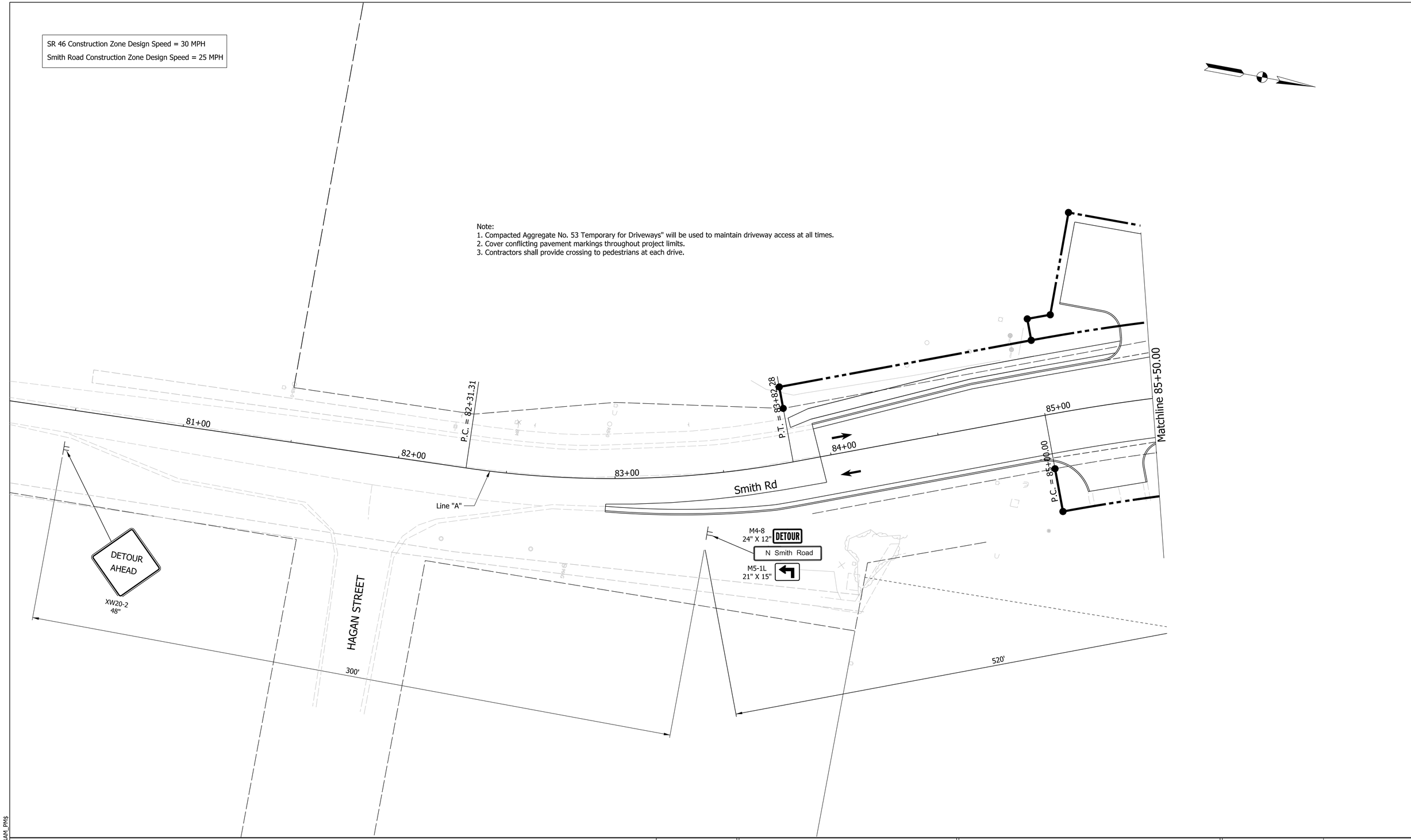
SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	27 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: $PLOT_DATE$ $PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg2B_05.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH

Smith Road Construction Zone Design Speed = 25 MPH

Note:
1. Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.



LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Concrete Barrier
- XXXX Type III Barricades, A or B

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2B

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS		
Electronic	28	of	108
CONTRACT	PROJECT		
R-41465	1800208		

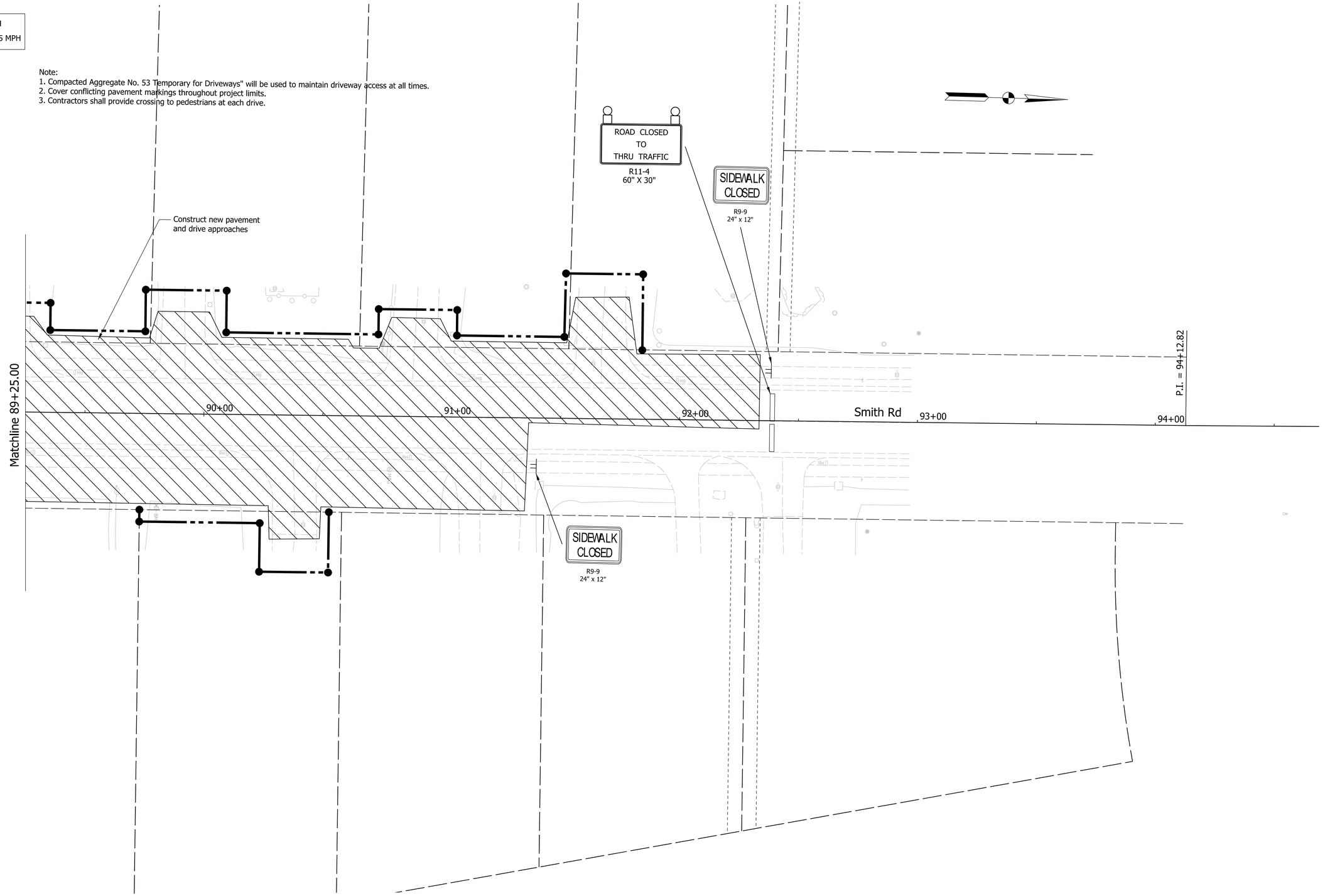
PLOTDATE=$DATE$ PLOTTIME=$TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg2B_03.dgn
Model:$MODEL_NAME$

SR 46 Construction Zone Design Speed = 30 MPH

Smith Road Construction Zone Design Speed = 25 MPH

Note:
1. Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.



LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Marking
- XXXX Type III Barricades, A or B

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2B

SCALE	BRIDGE FILE
1"=20"	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	29 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: $PLOT_DATE$ $PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg2B_04.dgn
Model:$MODEL_NAME$

Curve Data

PI = 83+07.48
Delta = 18°52'16" LT
D = 12°30'00"
R = 458.37'
T = 76.17'
L = 150.97'
E = 6.29'
SE = 5.1%

Curve Data

PI = 86+56.80
Delta = 20°00'00" RT
D = 6°26'35"
R = 889.26'
T = 156.80'
L = 310.41'
E = 13.72'
SE = N/A

Sec. 2, T-8-N, R-1-W
Perry Township
Monroe County

ST. THOMAS EVANGELICAL
LUTHERAN CHURCH, INC.

81+00 82+00 83+00 84+00 85+00

Line "A"

TBM#19

P.C. = 82+31.31

P.I. = 83+07.48

P.T. = 83+82.28

N2°04'40.4"W

N20°56'56.4"W

N20°56'56.44"W

App. Ex. R/W

Construction Limits

Temp. R/W Req'd
For Driveway Const.

(Parking Lot)
Temp. R/W Req'd
Grading

Existing Church Sign DND

+82.3
35.0'

+82.3
25.0'

+00
45.0'

+00
35.0'

+10.2
45.0'

+25.0
90.0'

R/W

207

208

206

9046 (Ex.)

9048 (Ex.)

9045 (Ex.)

+00.0
25.0'

+00.0
45.0'

P.C. = 85+00.00

Matchline 85+50.00

Ex. R/W

+27.29
Class III Drive
W=26'

App. Section Line

App. Easement

(Grass)

Begin Construction
Station 82+95.69 Line "A"

HAGAN STREET

THIRD & SMITH
DEVELOPMENT CORPORATION

Sec. 1, T-8-N, R-1-W
Perry Township
Monroe County

(Parking Lot)

Notes:

1. All R/W on this sheet to be taken as shown.
2. All R/W on this sheet described from Line "A" unless otherwise noted.
3. Line "A" to be constructed.

Note:Lt. Side Drainage Plotted 10' Above Datum

EARTHWORK SUMMARY TABLE
SMITH RD (Line "A")

Common Excavation (CYS)	
Roadway & Grading	1718
Undercuts	0
Total Excavation	1718
Fill (CYS)	
Fill + 15 %	105
Waste (CYS)	1613
Benching (CYS)	NA
Rock Excavation (CYS)	
Roadway & Grading	0

BENCHMARK INFORMATION:

TBM # 19 - Bench Tie set on north side power pole #814-4282 on west side of Smith Road. Approximately 30 feet west of the centerline of Smith Road and 60 feet north of Hagan Street projected. Elev.=851.677

Existing Ground Along Line "A"

855 850 845 840 835 830

850.57 850.18 849.11 847.34 845.16 842.96 840.89 838.65

80+50 81+00 81+50 82+00 82+50 83+00 83+50 84+00 84+50 85+00 85+50

LEGEND

Drainage Structure Number

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT
OF TRANSPORTATION

PLAN AND PROFILE
Sta. 81+50.00 to 85+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	30 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM

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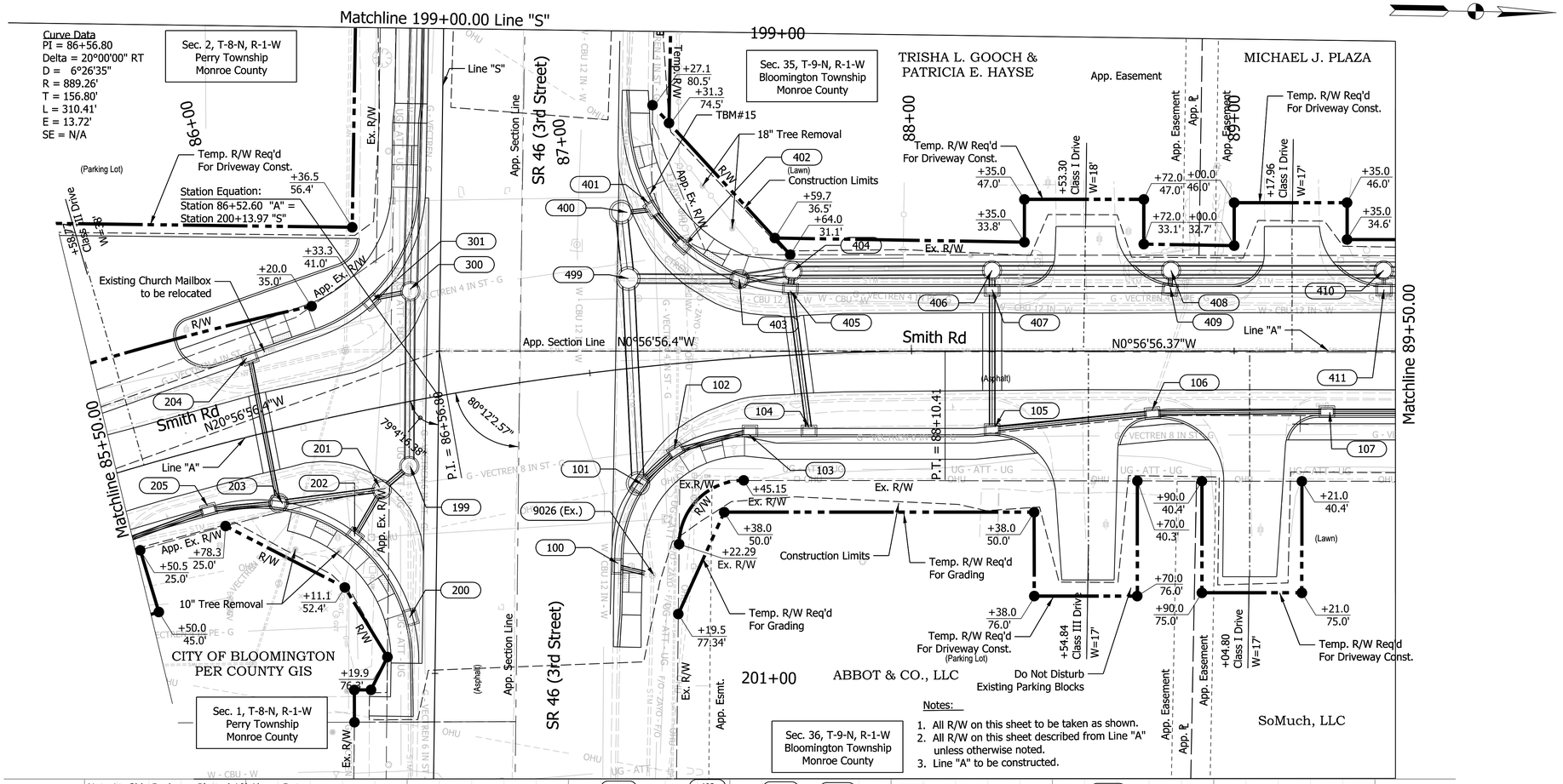
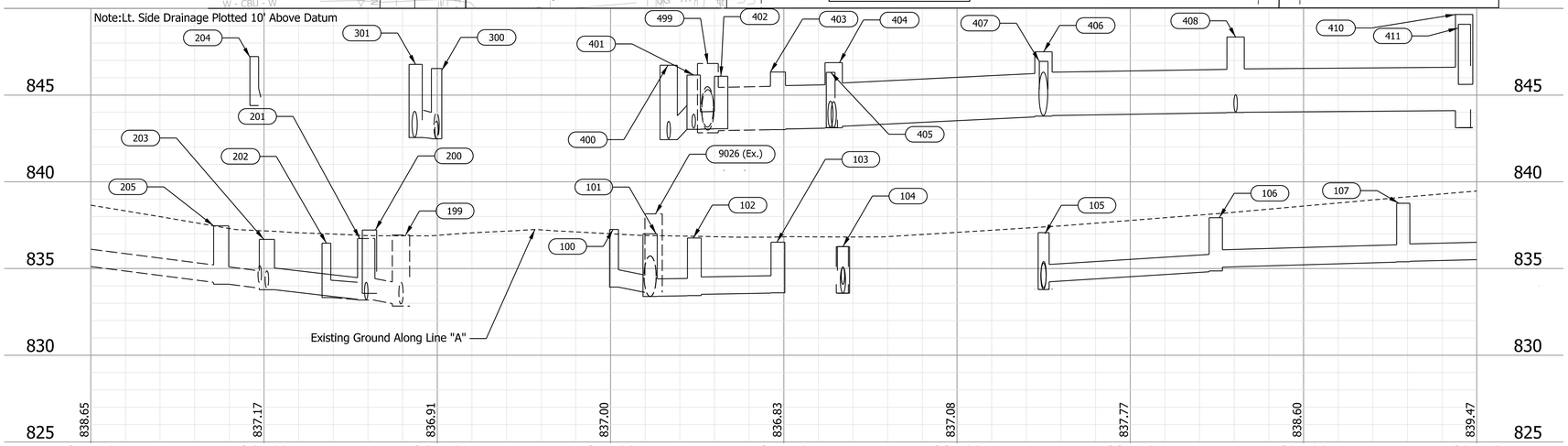


BENCHMARK INFORMATION:

TBM # 15 - Cut "X" on SW bolt of traffic signal strain pole. Located at the NW intersection of E. 3rd Street and N. Smith. Approximately 50 feet west of the centerline of W. Smith and 30 feet north of the centerline of 3rd Street. Elev.=837.965



LEGEND

(###) Drainage Structure Number

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
Sta. 85+50.00 to 89+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	31 of 108
CONTRACT	PROJECT
R-41465	1800208

PLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_PP_20_02.dgn
Model:$MODEL_NAME$

Sec. 35, T-9-N, R-1-W
Bloomington Township
Monroe County

BRANDI A. ROBERTSON &
WARD D. ROBERTSON

RICKY D. HORTON &
KAREN D. HORTON

DAVID JOHN
JUDE SCHOOLEY

KALISSA DAWN MULLIS

Matchline 89+50.00

90+00 | 91+00 | 92+00 | 93+00 | 94+00

Temp. R/W Req'd For Grading
Temp. R/W Req'd For Driveway Const.
Existing Light Post Do Not Disturb
Construction Limits
End Construction
Station 92+29.55 Line "A"
P.I. = 94+12.82
N1°12'56.37"W 320.85
App. Section Line
Line "A"
Smith Rd
Ex. R/W
App. ℄
App. Easement
(Lawn)
(Asphalt)

+75.0 52.0' | +75.0 34.5' | +91.10 Class I Drive W=18' | +9.0 52.0' | +9.0 34.5'
+73.0 45.0' | +73.0 34.4' | +65.0 34.5' | +65.0 29.5' | +88.11 Class I Drive W=20'
+6.0 45.0' | +6.0 34.3' | +51.0 61.0' | +51.0 34.2' | +66.84 Class I Drive W=20'
+84.0 61.0' | +84.0 29.3'

412 | 413 | 414 | 415 | 416 | 417

108 | 109 | 110

9103 (Ex.) | 9102 (Ex.)

W - CBU 12 IN - W
G - VECTREN 4 IN PE - G
G - VECTREN 8 IN ST - G
UG - ATT - UG
OHU
STM

TBM#17

+73.3 40.5' | +73.3 45.5' | +24.0 45.6' | +24.0 66.0' | +38.82 Class I Drive W=18'
+53.0 40.6' | +53.0 66.0' | +18.53 Class I Drive W=22'
Existing Steps Do Not Disturb

Sec. 36, T-9-N, R-1-W
Bloomington Township
Monroe County

ZACHARY A. KING

STEPHEN ALAN MORRIS
& JAQUELINE S. MORRIS

DUMITRU DAN RUSU
& VICTOR RUSU

GREGORY MERCHANT

Notes:

1. All R/W on this sheet to be taken as shown.
2. All R/W on this sheet described from Line "A" unless otherwise noted.
3. Line "A" to be constructed.

Notes:

1. All R/W on this sheet to be taken as shown.
2. All R/W on this sheet described from Line "A" unless otherwise noted.
3. Line "A" to be constructed.

Note:Lt. Side Drainage Plotted 10' Above Datum

Existing Ground Along Line "A"

855 | 850 | 845 | 840 | 835 | 830

839.47 | 840.26 | 841.19 | 842.58 | 844.30 | 846.32 | 848.64

89+50 | 90+00 | 90+50 | 91+00 | 91+50 | 92+00 | 92+50 | 93+00 | 93+50

BENCHMARK INFORMATION:

TBM # 17 - Bench Tie set on west side power pole #814-4279. Located near the SW corner of the lot at 201 Smith Rd. Approximately 40 ft east of the centerline of Smith Rd and 300 ft north of the centerline at E. 3rd Street.
Elev.=845.971

LEGEND

Drainage Structure Number

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — Cassin M. Reiter — 3/10/2023
DESIGN ENGINEER — DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
Sta. 89+50.00 to 93+50.00 Line "A"

SCALE	BRIDGE FILE
1'=20"	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	32 of 108
CONTRACT	PROJECT
R-41465	1800208

PLOT_DATE$ PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Sheets\Sht_PP_20_03.dgn
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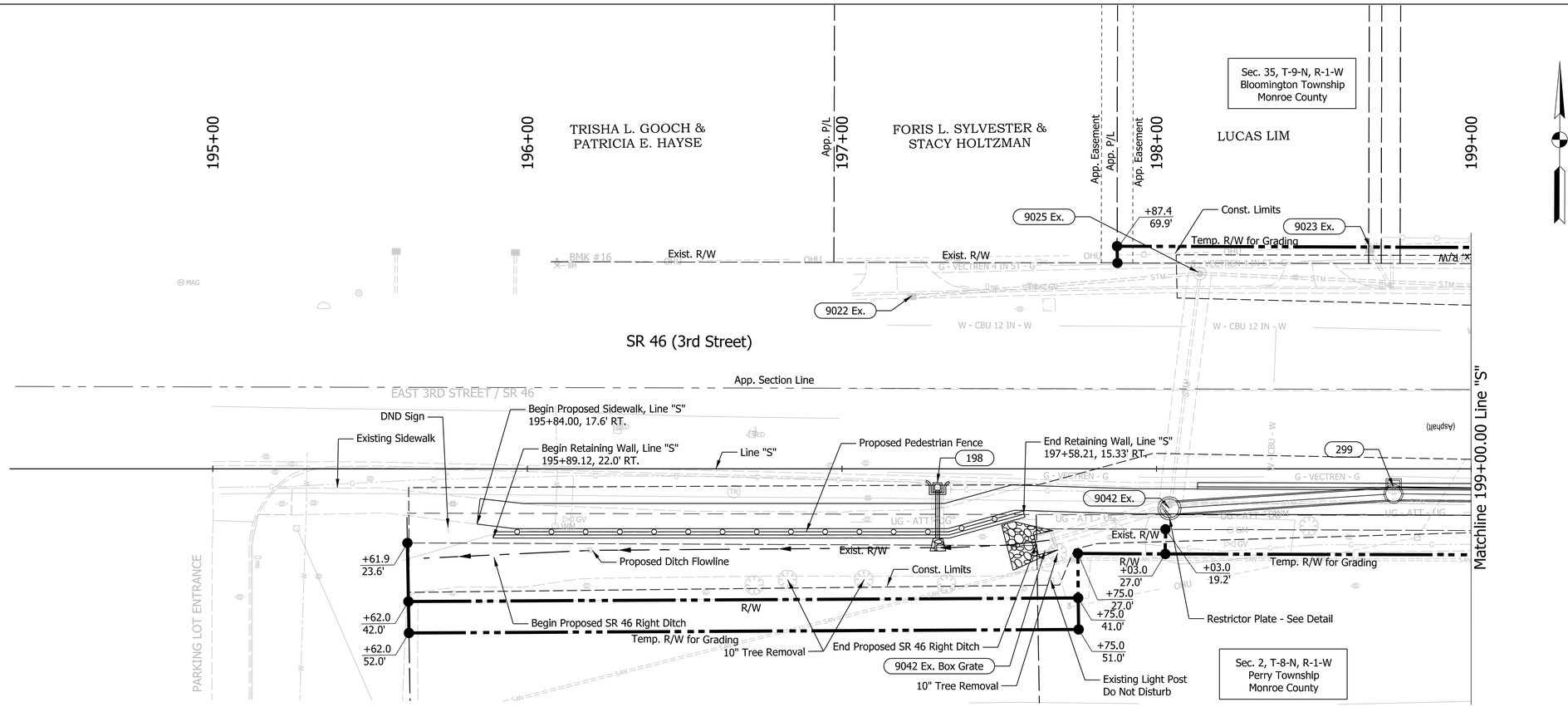
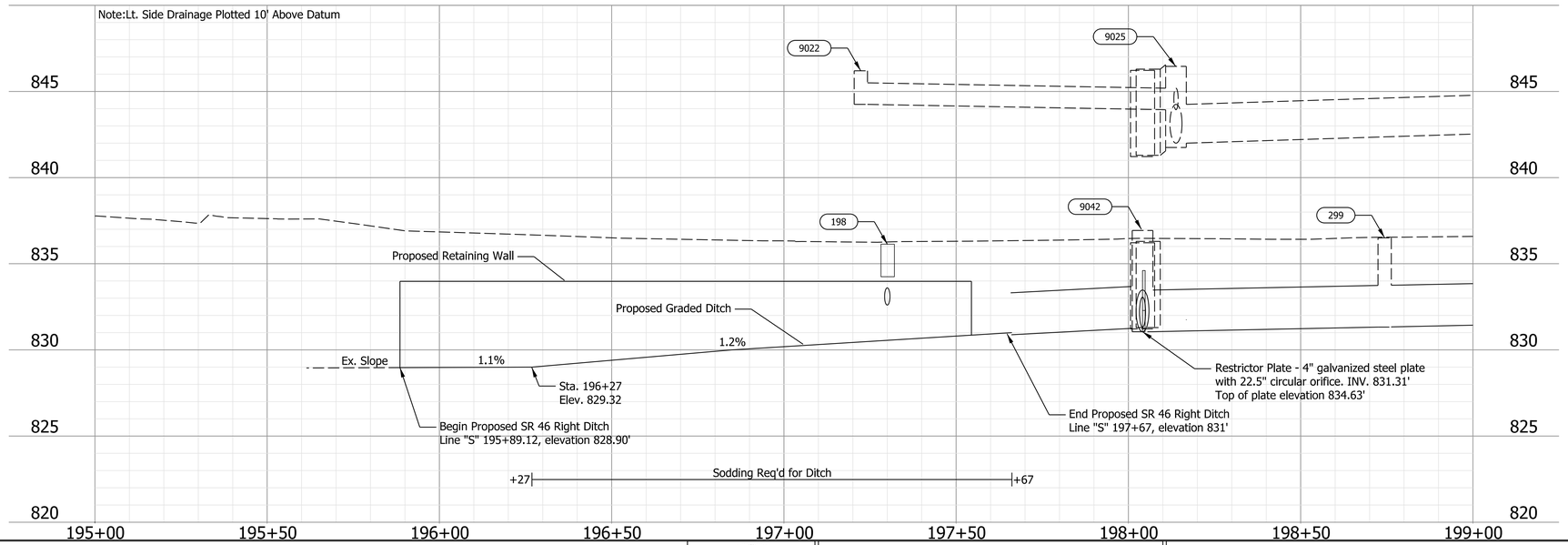




LEGEND

(###) Drainage Structure Number

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023

CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
Sta. 195+00.00 to 199+00.00 Line "S"

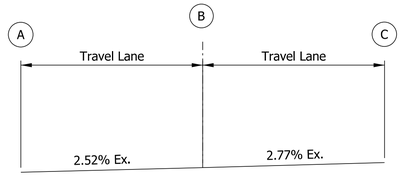
SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	33 of 108
CONTRACT	PROJECT
R-41465	1800208

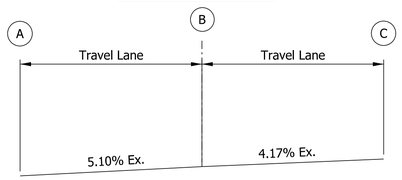
PLOTDATE=$DATE$ $TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Sheets\Sht_PP_20_04_SR46.dgn
Model:$MODEL_NAME$

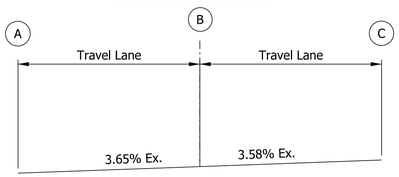
Sta. 82+31.31 "A"

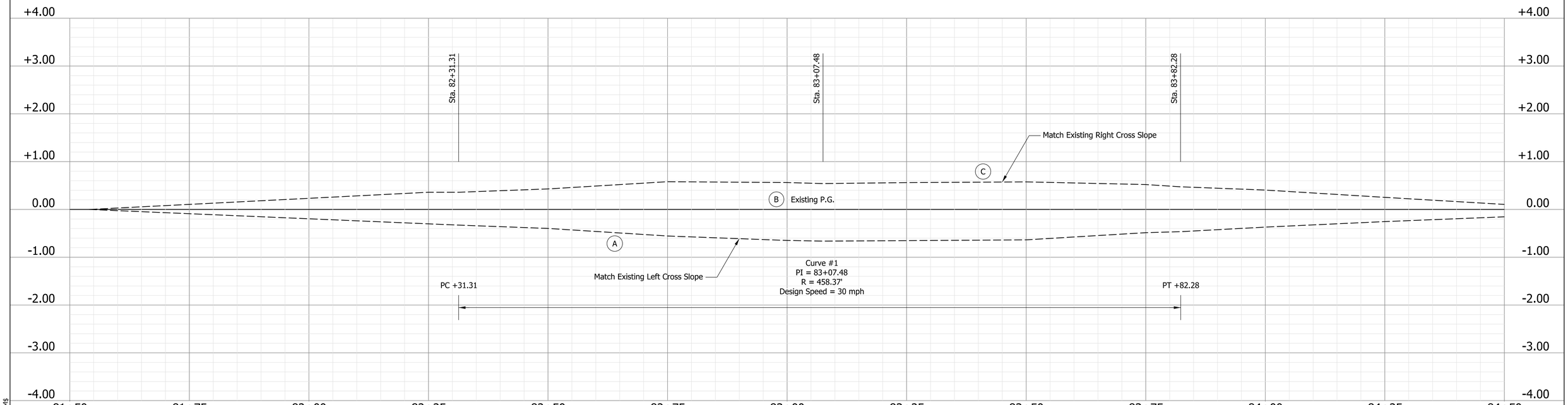


Sta. 83+07.48 "A"



Sta. 83+82.28 "A"





CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

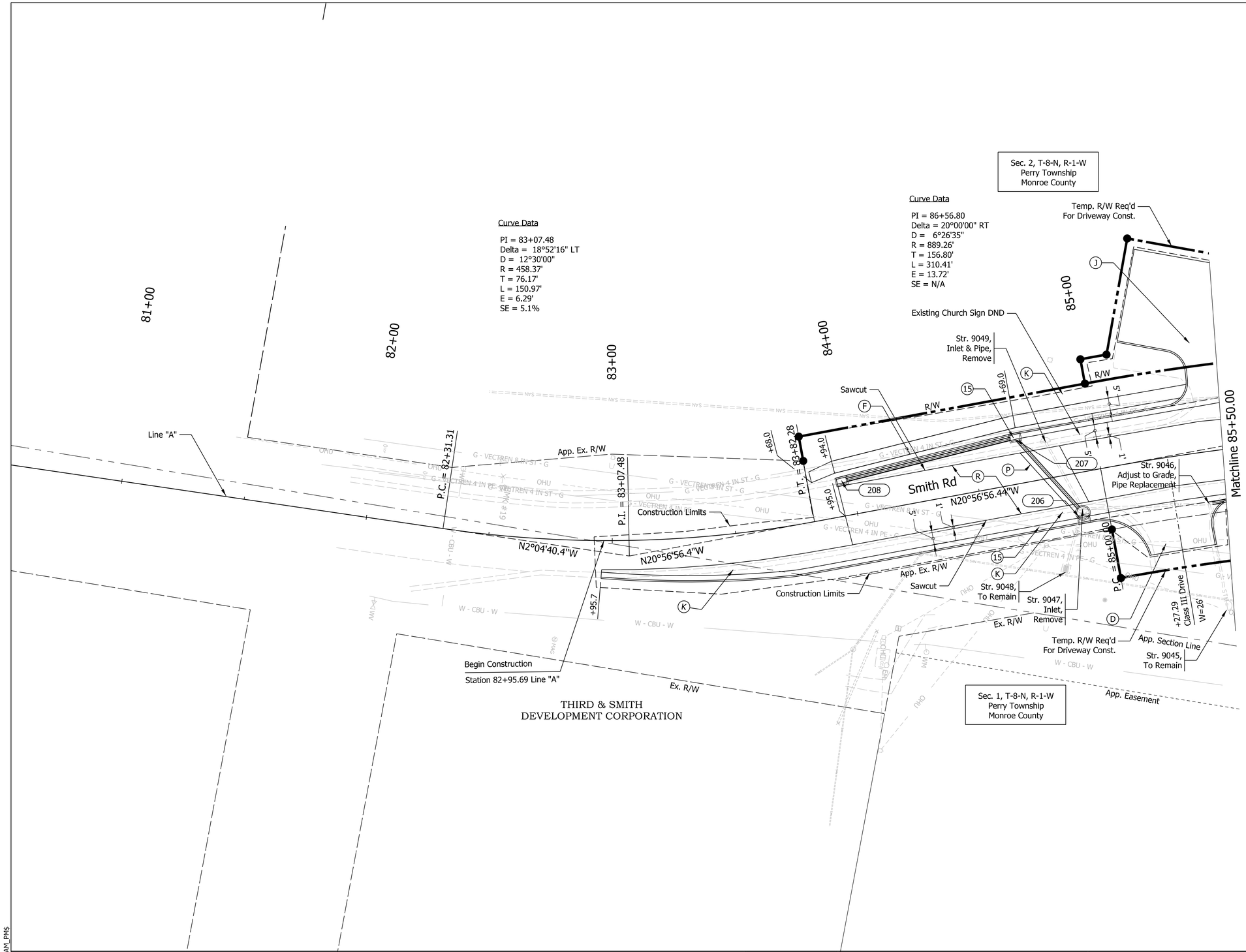
INDIANA DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DETAILS

SCALE	BRIDGE FILE
1"=10'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	34 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_Superelevation.dgn
Model: $MODEL_NAME$



206 Line "A"
Sta. 84+90.00, 18.6', Rt.
Manhole, Type D4 Modified
51' of Ex. 12" HDPE
U.S. Inv. 837.28
D.S. Inv. 835.59

207 Line "A"
Sta. 84+68.00, 18.5', Lt.
Inlet, C15
37' of 12" Type 2 Pipe
U.S. Inv. 838.75
D.S. Inv. 838.28

208 Line "A"
Sta. 83+96.00, 14.2', Lt.
Inlet, B15
68.5' of 12" Type 2 Pipe
U.S. Inv. 839.25
D.S. Inv. 838.95

9045 (Ex.) Line "A"
Sta. 85+42.00, 62.6', Rt.
Existing Curb Inlet
38' of Ex. 12" HDPE
U.S. Inv. 836.61
D.S. Inv. 835.54

9048 (Ex.) Line "A"
Sta. 84+78.00, 38.7', Rt.
Existing Drop Inlet
19' of Ex. 12" HDPE
U.S. Inv. 837.33
D.S. Inv. 837.31

9049 (Ex.) Line "A"
Sta. 84+80.00, 14.1', Lt.
Existing Drop Inlet
28' of Ex. 12" HDPE
U.S. Inv. 838.61
D.S. Inv. 837.31

LEGEND

(K) WIDENING WITH HMA COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm on
275 lb/yd^2 QC/QA - HMA, INTERMEDIATE, Type B on
880 lb/yd^2 QC/QA - HMA, BASE, Type B

(R) MILL AND OVERLAY, 1.5" COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm

(D) HMA FOR APPROACHES, TYPE C

(C) DRIVE, CONCRETE COMPOSED OF:
PCCP For Approaches, 6 in.
Dense Graded Subbase, 6 in.
Subgrade Treatment Type II

(P) HMA PATCHING, TYPE C

(J) DRIVE, PAVEMENT COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 70, SURFACE, 12.5 mm on
275 lb/yd^2 QC/QA - HMA, 3, 70, INTERMEDIATE, 12.5 mm on
Subgrade Treatment Type II

(F) SIDEWALK, CONCRETE

(S) SUBGRADE TREATMENT, TYPE IC

(O) COMPACTED AGGREGATE, NO. 53

(15) CURB AND GUTTER, CONCRETE

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT
OF TRANSPORTATION

CONSTRUCTION DETAIL
Sta. 81+50.00 to 85+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS		
Electronic	35	of	108
CONTRACT	PROJECT		
R-41465	1800208		

PlotPLOT_DATE$ PLOT_TIME$ AM_PM
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(100) Line "A"
Sta. 87+00.00, 60.5', Rt.
Inlet, B5
8' of 12" Type 2 Pipe
U.S. Inv. 834.00
D.S. Inv. 833.78

(101) Line "A"
Sta. 87+12.00, 23.2', Rt.
Manhole, Type K Modified
58.0' of of 2.3' x 3.5' Elliptical Pipe
U.S. Inv. 833.42
D.S. Inv. 833.04

(102) Line "A"
Sta. 87+24.00, 26.7', Rt.
Inlet, C5
11.5' of 12" Type 2 Pipe
U.S. Inv. 833.44
D.S. Inv. 833.39

(103) Line "A"
Sta. 87+48.00, 22.7', Rt.
Inlet, B15
20' of 12" Type 2 Pipe
U.S. Inv. 833.60
D.S. Inv. 833.50

(104) Line "A"
Sta. 87+67.00, 23.5', Rt.
Inlet, B15
42' of 18" Type 2 Pipe
U.S. Inv. 833.58
D.S. Inv. 833.47

(105) Line "A"
Sta. 87+85.00, 24.4', Rt.
Inlet, C15
41' of 18" Type 2 Pipe
U.S. Inv. 834.00
D.S. Inv. 833.83

(106) Line "A"
Sta. 88+25.00, 19.2', Rt.
Inlet, C15
46.5' of 12" Type 2 Pipe
U.S. Inv. 834.86
D.S. Inv. 834.19

(107) Line "A"
Sta. 88+75.00, 18.8', Rt.
Inlet, C15
50.5' of 12" Type 2 Pipe
U.S. Inv. 835.24
D.S. Inv. 834.87

(199) Line "A"
Sta. 86+40.00, 19.7', Rt.
Manhole, Type C4
50.5' of 24" Type 2 Pipe
U.S. Inv. 832.15
D.S. Inv. 832.00

(200) Line "A"
Sta. 86+31.00, 66.0', Rt.
Inlet, C15
43.5' of 15" Type 2 Pipe
U.S. Inv. 833.57
D.S. Inv. 832.94

(201) Line "A"
Sta. 86+36.00, 24.8', Rt.
Manhole, Type C4
8.5' of 15" Type 2 Pipe
U.S. Inv. 833.20
D.S. Inv. 832.95

(202) Line "A"
Sta. 86+18.00, 37.1', Rt.
Inlet, B15
14' of 12" Type 2 Pipe
U.S. Inv. 833.33
D.S. Inv. 833.20

(203) Line "A"
Sta. 86+00.00, 24.2', Rt.
Mahnole, Type J Modified
27.5' of 15" Type 2 Pipe
U.S. Inv. 833.78
D.S. Inv. 833.20

(204) Line "A"
Sta. 85+98.50, 23.8', Lt.
Inlet, B15
42' of 12" Type 2 Pipe
U.S. Inv. 834.40
D.S. Inv. 833.87

(205) Line "A"
Sta. 85+75.00, 18.8', Rt.
Inlet, C15
17.5' of 12" Type 2 Pipe
U.S. Inv. 834.45
D.S. Inv. 833.87

(300) Line "A"
Sta. 86+50.00, 33.4', Lt.
Manhole, Type D4 Modified
102' of 36" Type 2 Pipe
U.S. Inv. 831.75
D.S. Inv. 831.34

(301) Line "A"
Sta. 86+44.00, 33', Lt.
Inlet, B15
8.5' of 12" Type 2 Pipe
U.S. Inv. 832.55
D.S. Inv. 832.00

(400) Line "A"
Sta. 87+15.00, 47.9', Lt.
Manhole, Type D4 Modified
136.5' of Ex. 2.3x3.5ft Elliptical CMP
U.S. Inv. 832.72
D.S. Inv. 832.00

(401) Line "A"
Sta. 87+25.00, 47.8', Lt.
Inlet, C15
5' of 12" Type 2 Pipe
U.S. Inv. 832.80
D.S. Inv. 832.72

(402) Line "A"
Sta. 87+32.00, 35, Lt.
Inlet, B5
11' of 12" Type 2 Pipe
U.S. Inv. 832.98
D.S. Inv. 832.80

(403) Line "A"
Sta. 87+50.00, 24.5', Lt.
Manhole, Type J Modified
29.0' of 30" Type 2 Pipe
U.S. Inv. 833.01
D.S. Inv. 832.96

(404) Line "A"
Sta. 87+64.00, 25.9', Lt.
Manhole, Type D4 Modified
12' of 30" Type 2 Pipe
U.S. Inv. 833.10
D.S. Inv. 833.03

(405) Line "A"
Sta. 87+64.00, 20.8', Lt.
Inlet, C15
2' of 18" Type 2 Pipe
U.S. Inv. 833.13
D.S. Inv. 833.11

(406) Line "A"
Sta. 88+25.00, 25.1', Lt.
Manhole, Type D4 Modified
57' of 30" Type 2 Pipe
U.S. Inv. 833.75
D.S. Inv. 833.14

(407) Line "A"
Sta. 88+25.00, 18.3', Lt.
Inlet, C15
3' of 30" Type 2 Pipe
U.S. Inv. 833.83
D.S. Inv. 833.81

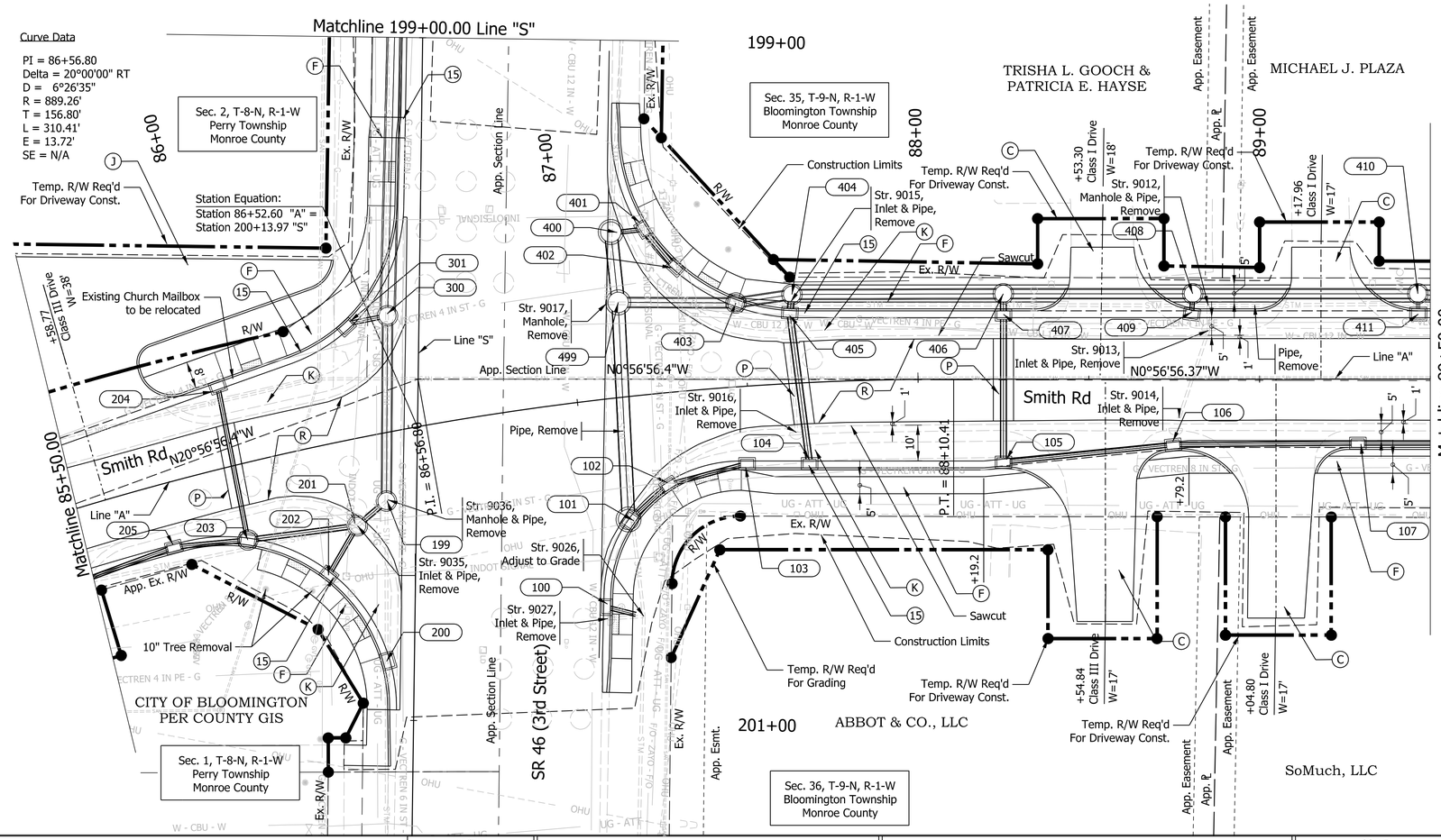
(408) Line "A"
Sta. 88+6.000, 25.1', Lt.
Manhole, Type D4 Modified
50.5' of 30" Type 2 Pipe
U.S. Inv. 833.95
D.S. Inv. 838.80

(409) Line "A"
Sta. 88+80.00, 19.1', Lt.
Inlet, B15
2.5' of 12" Type 2 Pipe
U.S. Inv. 834.09
D.S. Inv. 834.03

(410) Line "A"
Sta. 89+46.00, 25.1', Lt.
Manhole, Type D4 Modified
61' of 30" Type 2 Pipe
U.S. Inv. 834.09
D.S. Inv. 833.99

(411) Line "A"
Sta. 89+46.00, 18.8', Rt.
Inlet, B15
2' of 30" Type 2 Pipe
U.S. Inv. 834.12
D.S. Inv. 834.11

(499) Line "A"
Sta. 89+15.00, 23.8', Lt.
Manhole, Type D4 Modified
15.0' of 2.3' x 3.5' Elliptical Pipe
U.S. Inv. 832.98
D.S. Inv. 832.85



LEGEND

(K) WIDENING WITH HMA COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm on
275 lb/yd^2 QC/QA - HMA, INTERMEDIATE, Type B on
880 lb/yd^2 QC/QA - HMA, BASE, Type B

(R) MILL AND OVERLAY, 1.5" COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm

(D) HMA FOR APPROACHES, TYPE C

(C) DRIVE, CONCRETE COMPOSED OF:
PCCP For Approaches, 6 in.
Dense Graded Subbase, 6 in.
Subgrade Treatment Type II

(P) HMA PATCHING, TYPE C

(J) DRIVE, PAVEMENT COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 70, SURFACE, 12.5 mm on
275 lb/yd^2 QC/QA - HMA, 3, 70, INTERMEDIATE, 12.5 mm on
Subgrade Treatment Type II

(F) SIDEWALK, CONCRETE

(S) SUBGRADE TREATMENT, TYPE IC

(O) COMPACTED AGGREGATE, NO. 53

(15) CURB AND GUTTER, CONCRETE

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT
OF TRANSPORTATION

CONSTRUCTION DETAIL
Sta. 85+50.00 to 89+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	36 of 108
CONTRACT	PROJECT
R-41465	1800208

PlotPLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_ConstructionDetail_20_02.dgn
Model:$MODEL_NAME$

108 Line "A"
Sta. 89+29.00, 18.8', Rt.
Inlet, C15
39' of 12" Type 2 Pipe
U.S. Inv. 835.53
D.S. Inv. 835.25

109 Line "A"
Sta. 89+71.00, 19.6', Rt.
Inlet, C15
39.5' of 12" Type 2 Pipe
U.S. Inv. 835.80
D.S. Inv. 835.54

110 Line "A"
Sta. 90+15.00, 17.5', Rt.
Inlet, B15
56.5' of 12" Type 2 Pipe
U.S. Inv. 836.15
D.S. Inv. 835.81

412 Line "A"
Sta. 89+71.00, 19.0', Rt.
Manhole, Type D4 Modified
21' of 30" Type 2 Pipe
U.S. Inv. 834.53
D.S. Inv. 834.17

413 Line "A"
Sta. 90+15.00, 19.1', Lt.
Manhole, Type D4 Modified
40.5' of Ex. 30" Type 2 Pipe
U.S. Inv. 835.30
D.S. Inv. 834.61

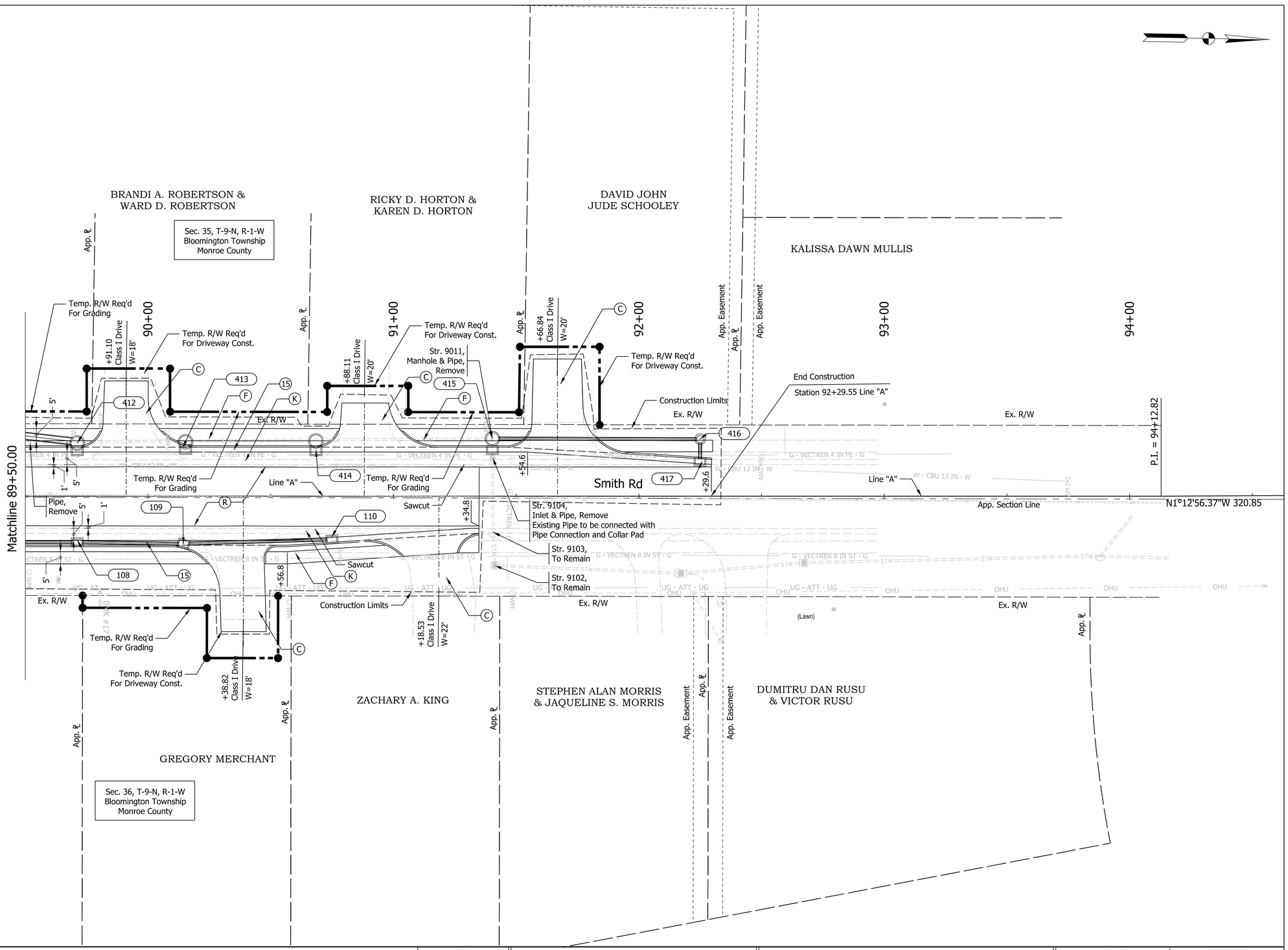
414 Line "A"
Sta. 90+69.00, 18.7', Lt.
Manhole, Type D4 Modified
49.5' of Ex. 30" Type 2 Pipe
U.S. Inv. 836.23
D.S. Inv. 835.38

415 Line "A"
Sta. 91+40.00, 23.50, Lt.
Manhole, Type F Modified
67.5' of Ex. 30" Type 2 Pipe
U.S. Inv. 837.45
D.S. Inv. 836.28

416 Line "A"
Sta. 92+25.00, 23.5', Lt.
Manhole, Type D4
81' of 12" Type 2 Pipe
U.S. Inv. 839.30
D.S. Inv. 838.95

417 Line "A"
Sta. 92+25.00, 13.8', Lt.
Inlet, B15
6.5' of 12" Type 2 Pipe
U.S. Inv. 839.38
D.S. Inv. 839.35

9103 (Ex.) Line "A"
Sta. 91+41.00, 17.0', Rt.
Curb Inlet
33.5' of Ex. 24" Type 2 Pipe
U.S. Inv. 839.67
D.S. Inv. 839.19



LEGEND

(K) WIDENING WITH HMA COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm on
275 lb/yd^2 QC/QA - HMA, INTERMEDIATE, Type B on
880 lb/yd^2 QC/QA - HMA, BASE, Type B

(R) MILL AND OVERLAY, 1.5" COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm

(D) HMA FOR APPROACHES, TYPE C

(C) DRIVE, CONCRETE COMPOSED OF:
PCCP For Approaches, 6 in.
Dense Graded Subbase, 6 in.
Subgrade Treatment Type II

(P) HMA PATCHING, TYPE C

(J) DRIVE, PAVEMENT COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 70, SURFACE, 12.5 mm on
275 lb/yd^2 QC/QA - HMA, 3, 70, INTERMEDIATE, 12.5 mm on
Subgrade Treatment Type II

(F) SIDEWALK, CONCRETE

(S) SUBGRADE TREATMENT, TYPE IC

(O) COMPACTED AGGREGATE, NO. 53

(15) CURB AND GUTTER, CONCRETE

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAIL
Sta. 89+50.00 to 93+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	37 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM
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Model:$MODEL_NAME$

198
Line "S"
Sta. 197+30.27, 17', Rt.
Inlet, A2
15.5' of 12" Type 2 Pipe
U.S. Inv. 834.27
D.S. Inv. 832.60

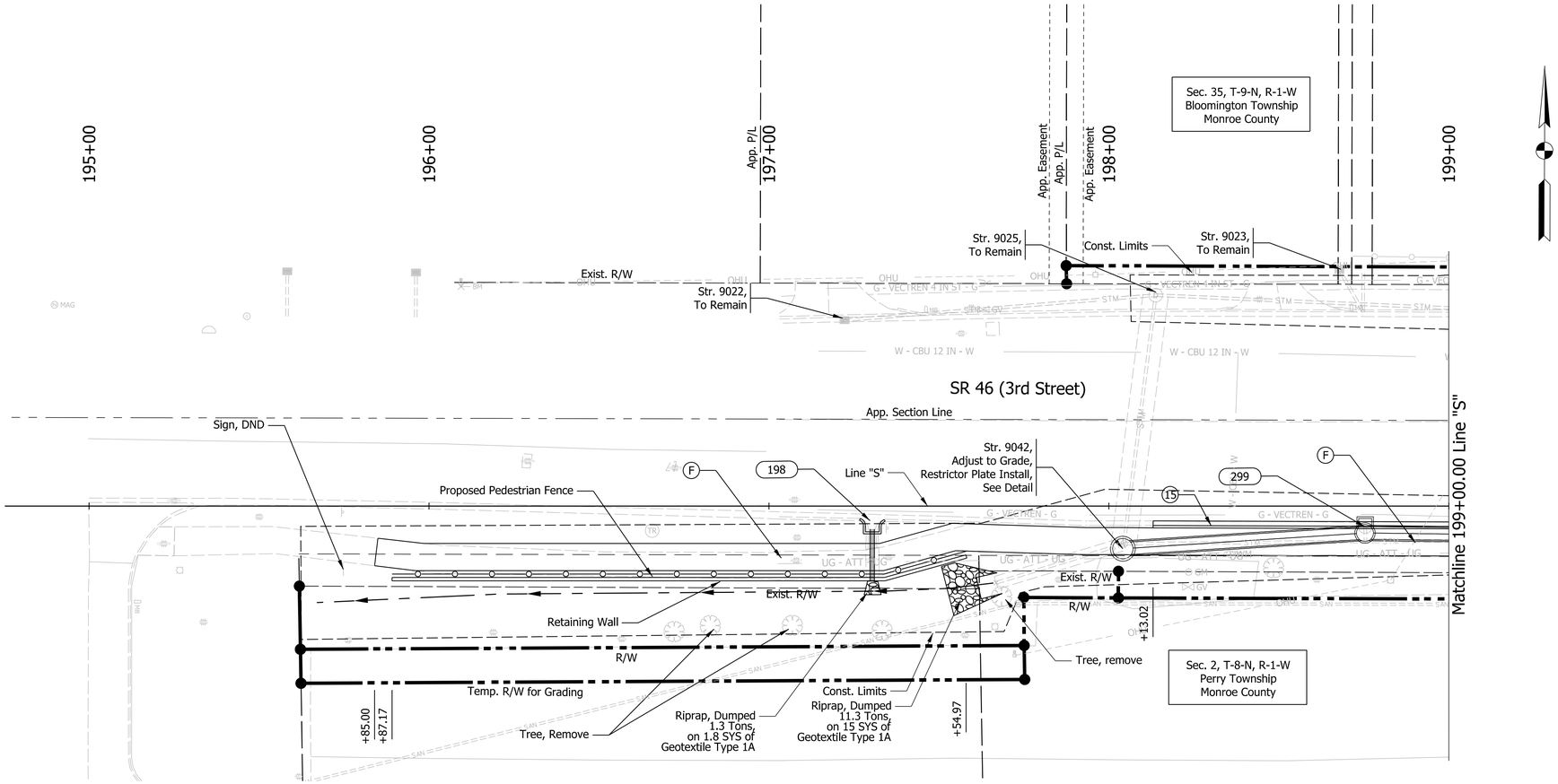
299
Line "A"
Sta. 86+50.00, 150.0', Lt.
Manhole, Type J Modified
67' of 36" Type 2 Pipe
U.S. Inv. 831.34
D.S. Inv. 831.06

9022 (Ex.)
Line "S"
Sta. 197+22.00, 55', Lt.
Existing Curb Inlet
92' of Ex. 15" HDPE
U.S. Inv. 834.25
D.S. Inv. 833.94

9025 (Ex.)
Line "S"
Sta. 198+14.00, 62.16, Lt.
Existing Manhole
96' of Ex. 2.3x7.5ft Box Culvert
U.S. Inv. 831.75
D.S. Inv. 830.08

9023 (Ex.)
Line "S"
Sta. 198+68.00, 69.46', Lt.
ExistinG Inlet
14' of 12" RCP
U.S. Inv. 833.13
D.S. Inv. 833.00

9042 (Ex.)
Line "S"
Sta. 198+04.00, 11.64', Lt.
Existing Manhole
39' of 30x46 In. Eliptical RCP
U.S. Inv. 831.31
D.S. Inv. 830.88



LEGEND

(K) WIDENING WITH HMA COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm on
275 lb/yd^2 QC/QA - HMA, INTERMEDIATE, Type B on
880 lb/yd^2 QC/QA - HMA, BASE, Type B

(R) MILL AND OVERLAY, 1.5" COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm

(D) HMA FOR APPROACHES, TYPE C

(C) DRIVE, CONCRETE COMPOSED OF:
PCCP For Approaches, 6 in.
Dense Graded Subbase, 6 in.
Subgrade Treatment Type II

(P) HMA PATCHING, TYPE C

(J) DRIVE, PAVEMENT COMPOSED OF:
165 lb/yd^2 QC/QA - HMA, 3, 70, SURFACE, 12.5 mm on
275 lb/yd^2 QC/QA - HMA, 3, 70, INTERMEDIATE, 12.5 mm on
Subgrade Treatment Type II

(F) SIDEWALK, CONCRETE

(S) SUBGRADE TREATMENT, TYPE IC

(O) COMPACTED AGGREGATE, NO. 53

(15) CURB AND GUTTER, CONCRETE

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
Sta. 195+00.00 to 199+00.00 Line "S"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	38 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM
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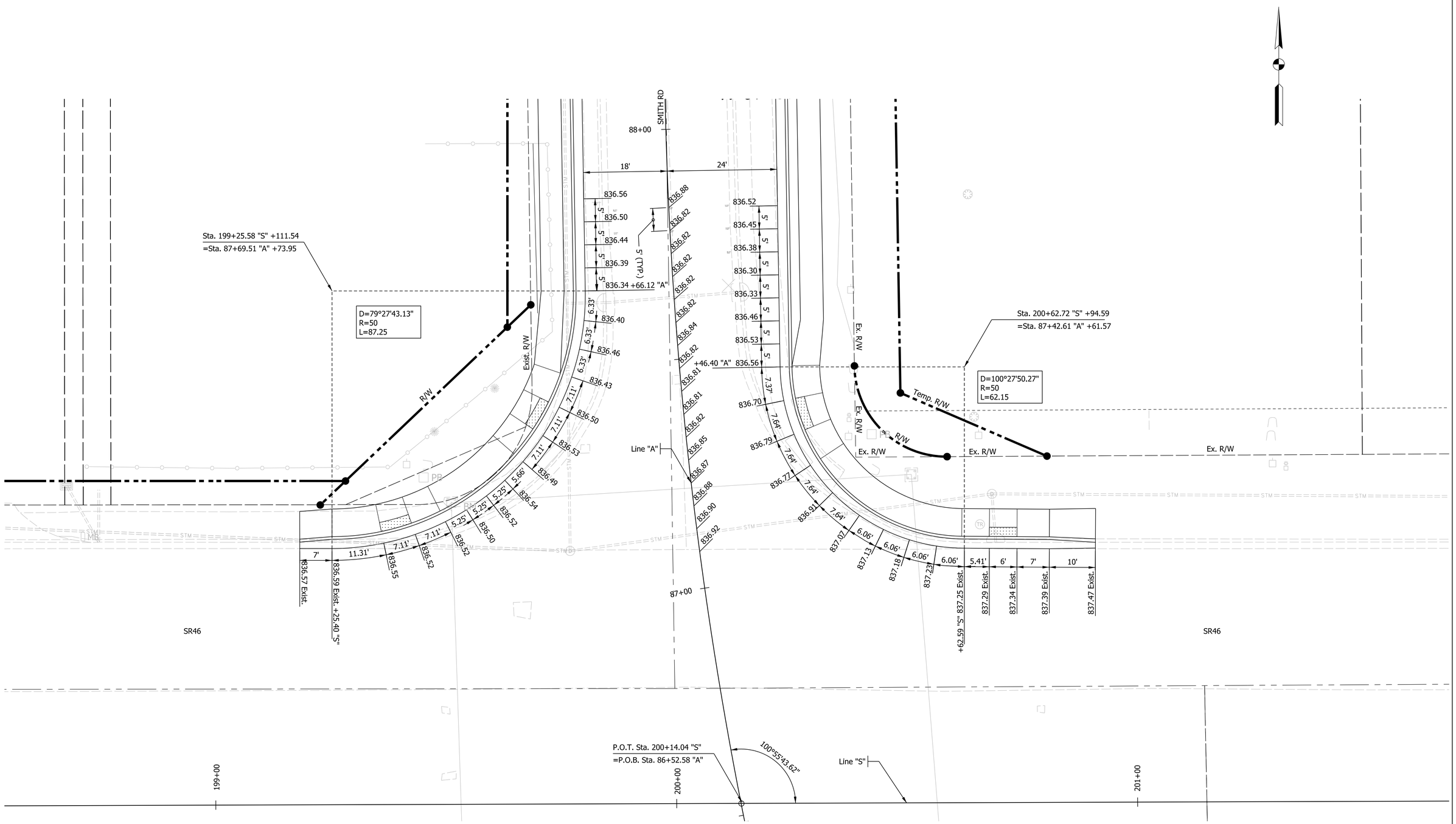

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023

CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
SR46 & SMITH RD NORTH

SCALE	BRIDGE FILE
1"=10'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	39 of 108
CONTRACT	PROJECT
R-41465	1800208

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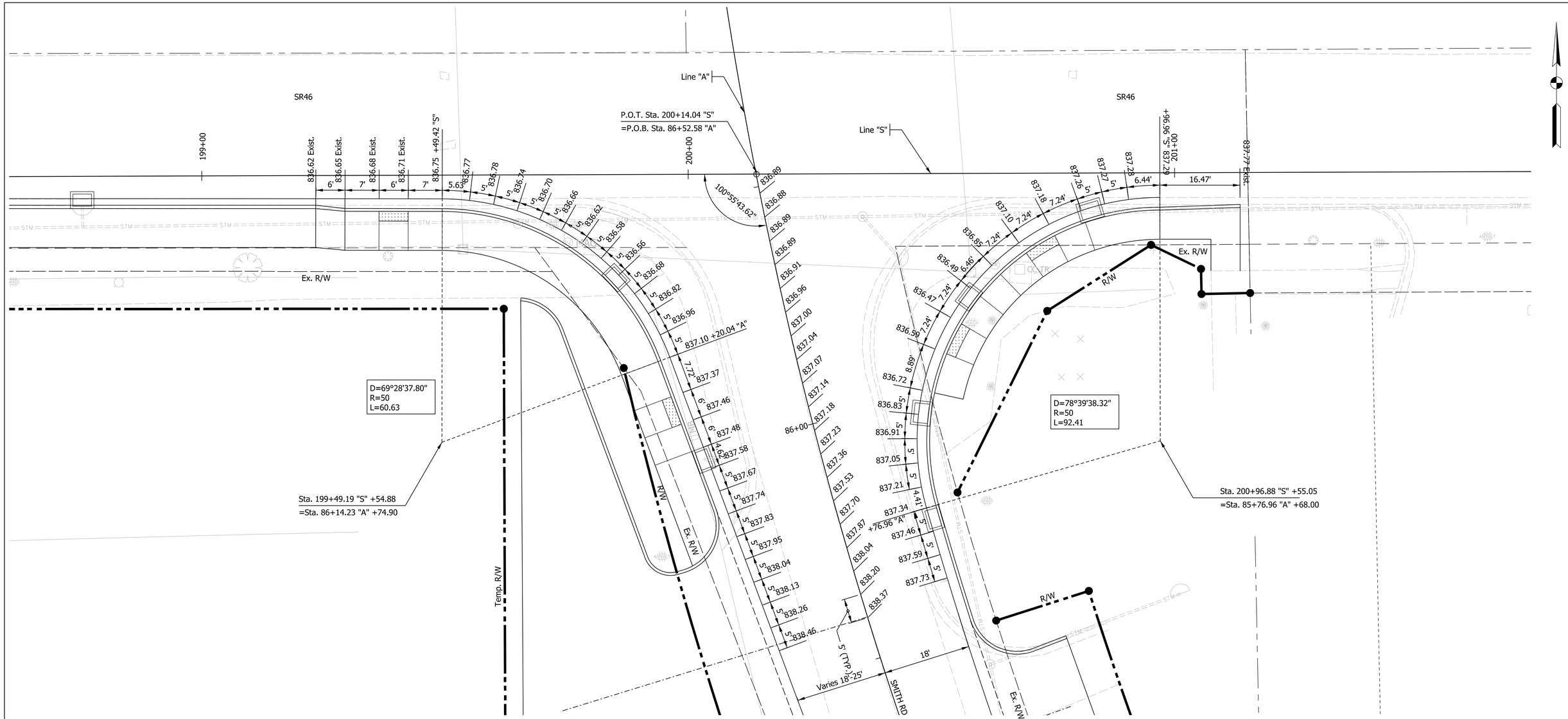

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
SR46 & SMITH RD SOUTH

SCALE	BRIDGE FILE
1"=10'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS		
Electronic	40	of	108
CONTRACT	PROJECT		
R-41465	1800208		

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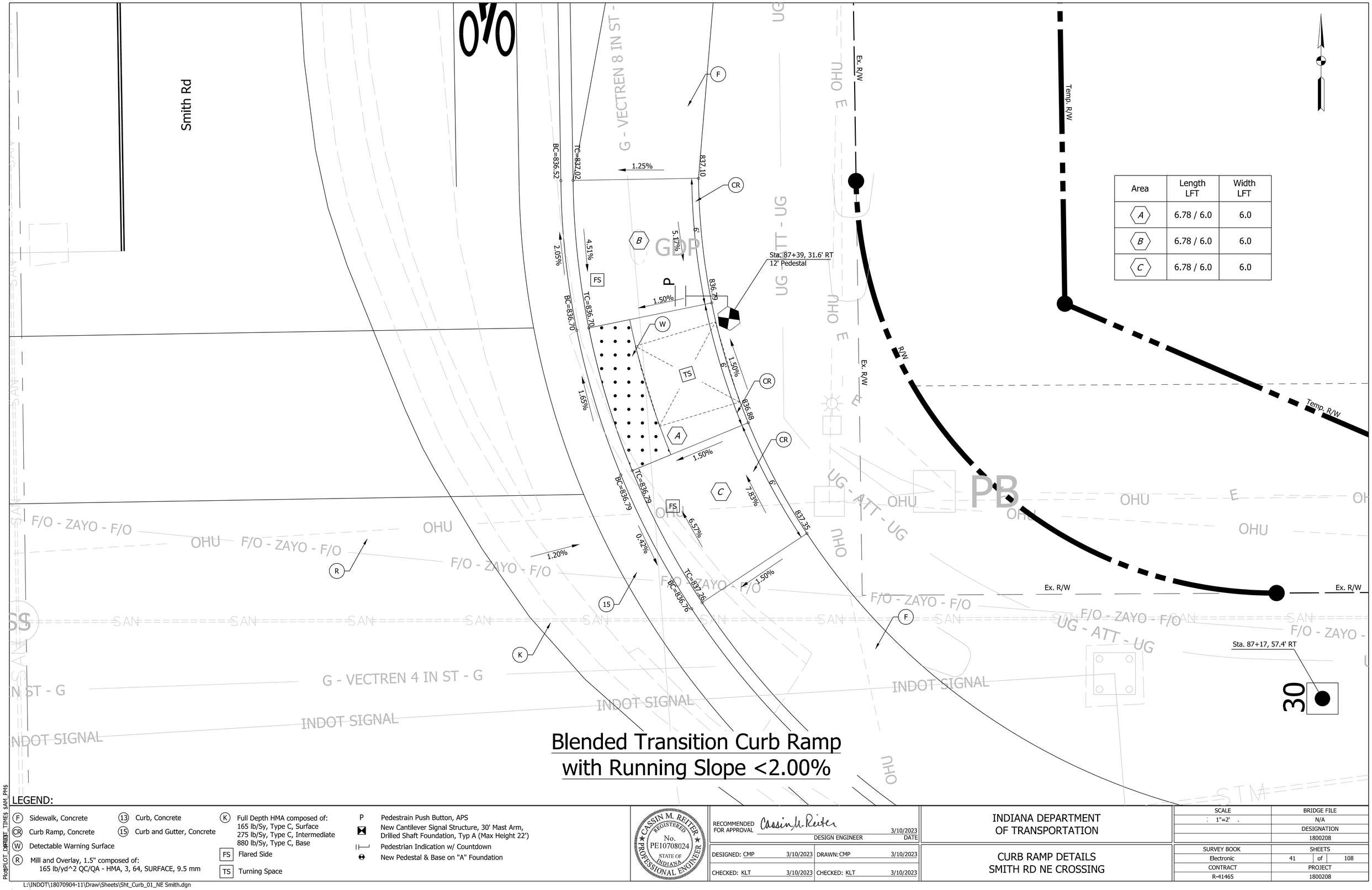
Model: $MODEL_NAME$



Area	Length LFT	Width LFT
A	6.78 / 6.0	6.0
B	6.78 / 6.0	6.0
C	6.78 / 6.0	6.0

Blended Transition Curb Ramp with Running Slope <2.00%

LEGEND:

- (F) Sidewalk, Concrete
- (CR) Curb Ramp, Concrete
- (W) Detectable Warning Surface
- (R) Mill and Overlay, 1.5" composed of: 165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm
- (13) Curb, Concrete
- (15) Curb and Gutter, Concrete
- (K) Full Depth HMA composed of: 165 lb/Sy, Type C, Surface; 275 lb/Sy, Type C, Intermediate; 880 lb/Sy, Type C, Base
- FS Flared Side
- TS Turning Space
- P Pedestrain Push Button, APS
- New Cantilever Signal Structure, 30' Mast Arm, Drilled Shaft Foundation, Typ A (Max Height 22')
- Pedestrian Indication w/ Countdown
- New Pedestal & Base on "A" Foundation

CASSIN M. REITER — REGISTERED — No. PE10708024 — STATE OF INDIANA — PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL: Cassin M. Reiter — DESIGN ENGINEER — 3/10/2023 DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023 | CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
SMITH RD NE CROSSING

SCALE	BRIDGE FILE
: 1"=2' .	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	41 of 108
CONTRACT	PROJECT
R-41465	1800208

PlotPLOT_DATE$ PLOT_TIME$ AM_PM

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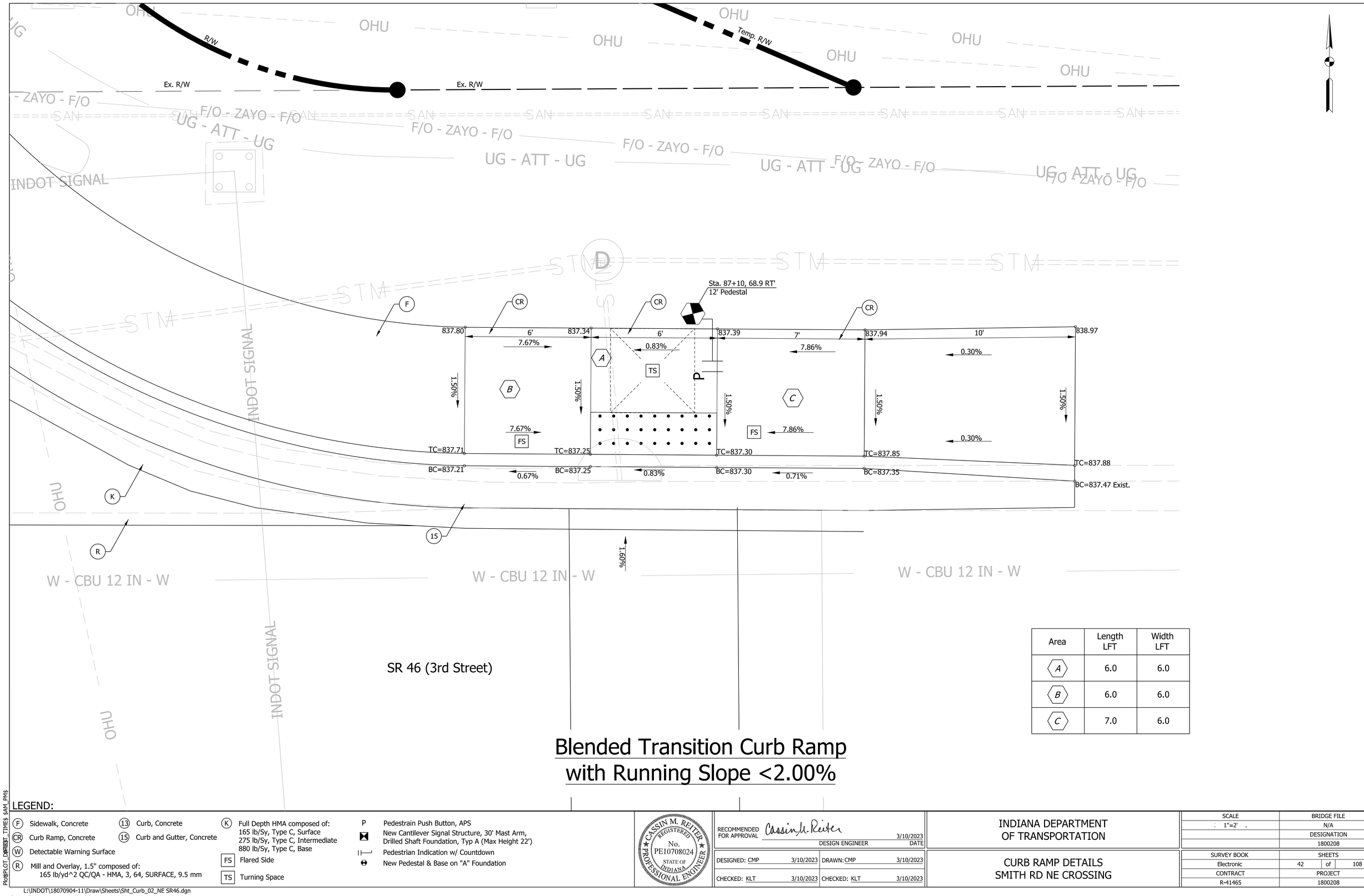


Area	Length LFT	Width LFT
A	6.0	6.0
B	6.0	6.0
C	7.0	6.0

Blended Transition Curb Ramp with Running Slope <2.00%

LEGEND:

- (F) Sidewalk, Concrete
- (CR) Curb Ramp, Concrete
- (W) Detectable Warning Surface
- (R) Mill and Overlay, 1.5" composed of: 165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm
- (13) Curb, Concrete
- (15) Curb and Gutter, Concrete
- (K) Full Depth HMA composed of: 165 lb/Sy, Type C, Surface; 275 lb/Sy, Type C, Intermediate; 880 lb/Sy, Type C, Base
- FS Flared Side
- TS Turning Space
- P Pedestrain Push Button, APS
- New Cantilever Signal Structure, 30' Mast Arm, Drilled Shaft Foundation, Typ A (Max Height 22')
- Pedestrian Indication w/ Countdown
- New Pedestal & Base on "A" Foundation

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
SMITH RD NE CROSSING

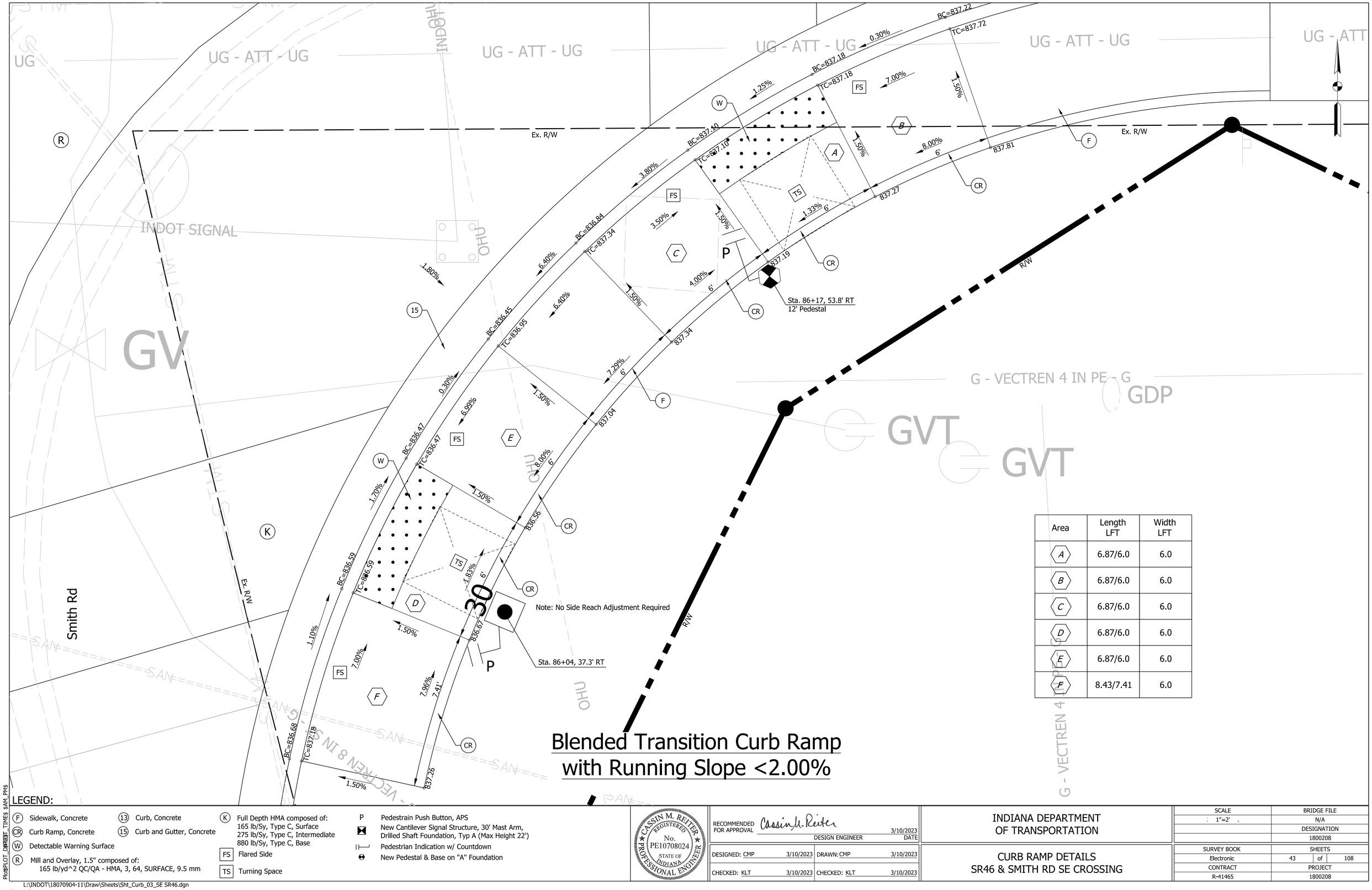
SCALE	BRIDGE FILE
: 1"=2' .	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	42 of 108
CONTRACT	PROJECT
R-41465	1800208

PlotPLOT_DATE$ PLOT_TIME$ AM_PM

L:\INDOT\18070904-11\Draw\Sheets\Sht_Curb_02_NE SR46.dgn

Blended Transition Curb Ramp with Running Slope <2.00%



Area	Length LFT	Width LFT
A	6.87/6.0	6.0
B	6.87/6.0	6.0
C	6.87/6.0	6.0
D	6.87/6.0	6.0
E	6.87/6.0	6.0
F	8.43/7.41	6.0

LEGEND:

- (F) Sidewalk, Concrete
- (CR) Curb Ramp, Concrete
- (W) Detectable Warning Surface
- (R) Mill and Overlay, 1.5" composed of: 165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm
- (13) Curb, Concrete
- (15) Curb and Gutter, Concrete
- (K) Full Depth HMA composed of: 165 lb/Sy, Type C, Surface; 275 lb/Sy, Type C, Intermediate; 880 lb/Sy, Type C, Base
- FS Flared Side
- TS Turning Space
- P Pedestrain Push Button, APS
- New Cantilever Signal Structure, 30' Mast Arm, Drilled Shaft Foundation, Typ A (Max Height 22')
- Pedestrian Indication w/ Countdown
- New Pedestal & Base on "A" Foundation

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
SR46 & SMITH RD SE CROSSING

SCALE	BRIDGE FILE
: 1"=2' .	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	43 of 108
CONTRACT	PROJECT
R-41465	1800208

PlotPLOT_DATE$ PLOT_TIME$ AM_PM

L:\INDOT\18070904-11\Draw\Sheets\Sht_Curb_03_SE SR46.dgn

Area	Length LFT	Width LFT
A	6	8.0
B	7.72	8.0
C	6	8.0

Blended Transition Curb Ramp with Running Slope <2.00%

LEGEND:

- (F) Sidewalk, Concrete
- (CR) Curb Ramp, Concrete
- (W) Detectable Warning Surface
- (R) Mill and Overlay, 1.5" composed of: 165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm
- (13) Curb, Concrete
- (15) Curb and Gutter, Concrete
- [FS] Flared Side
- [TS] Turning Space
- (K) Full Depth HMA composed of: 165 lb/Sy, Type C, Surface; 275 lb/Sy, Type C, Intermediate; 880 lb/Sy, Type C, Base
- P Pedestrain Push Button, APS
- New Cantilever Signal Structure, 30' Mast Arm, Drilled Shaft Foundation, Typ A (Max Height 22')
- Pedestrian Indication w/ Countdown
- New Pedestal & Base on "A" Foundation

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
SMITH RD SW CROSSING

SCALE	BRIDGE FILE
: 1"=2' .	N/A
	DESIGNATION
	1800208

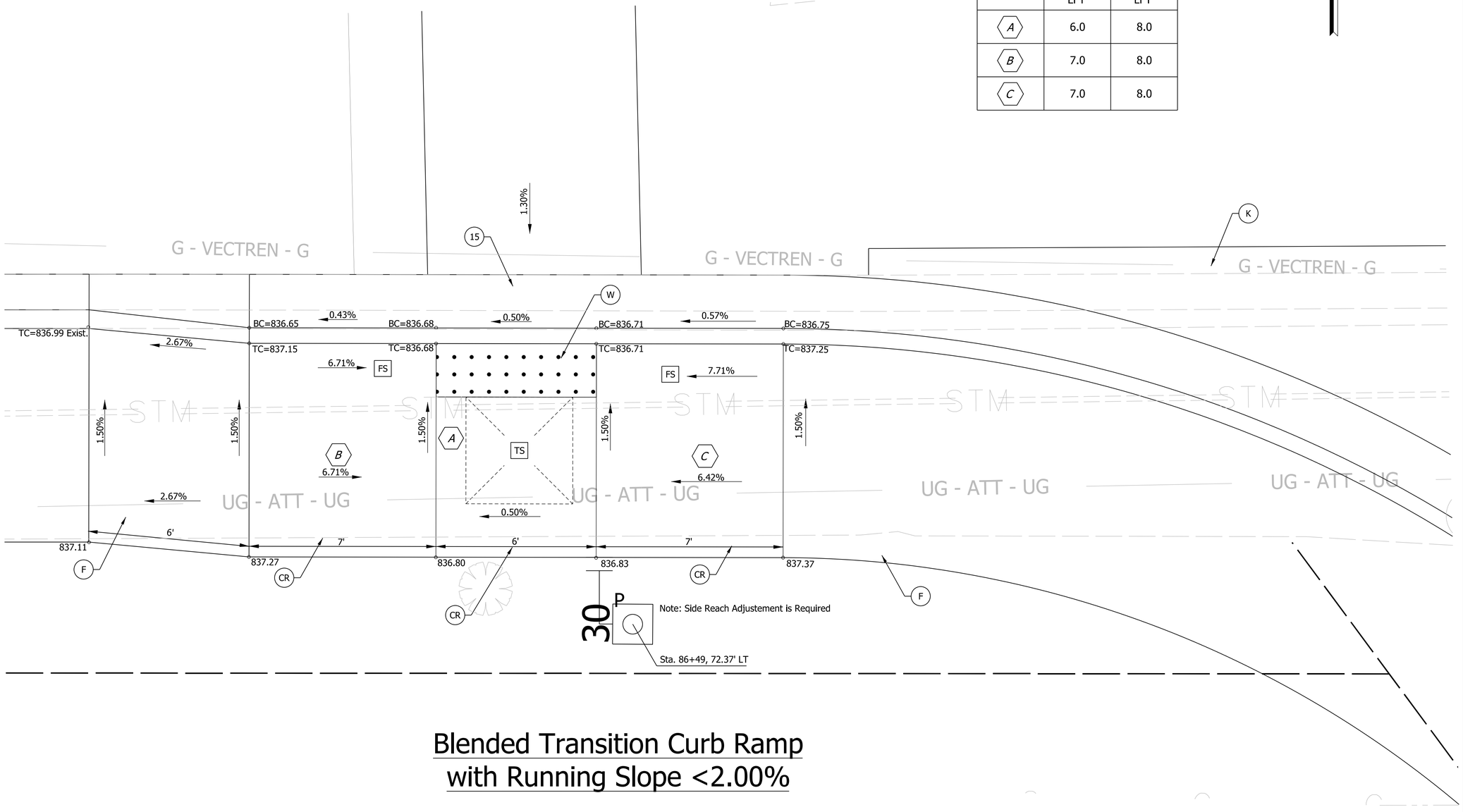
SURVEY BOOK	SHEETS
Electronic	44 of 108
CONTRACT	PROJECT
R-41465	1800208

PlotPLOT_DATE$ PLOT_TIME$ AM_PM

L:\INDOT\18070904-11\Draw\Sheets\Sht_Curb_04_SW_Smith.dgn

SR 46 (3rd St)

Area	Length LFT	Width LFT
A	6.0	8.0
B	7.0	8.0
C	7.0	8.0



Blended Transition Curb Ramp with Running Slope <2.00%

LEGEND:

- (F) Sidewalk, Concrete
- (CR) Curb Ramp, Concrete
- (W) Detectable Warning Surface
- (R) Mill and Overlay, 1.5" composed of: 165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm
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- (15) Curb and Gutter, Concrete
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- New Pedestal & Base on "A" Foundation

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
SR46 SW CROSSING

SCALE	BRIDGE FILE
: 1"=2" .	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	45 of 108
CONTRACT	PROJECT
R-41465	1800208

PK$PLOT_DATE$ PK$PLOT_TIME$ AM_PM

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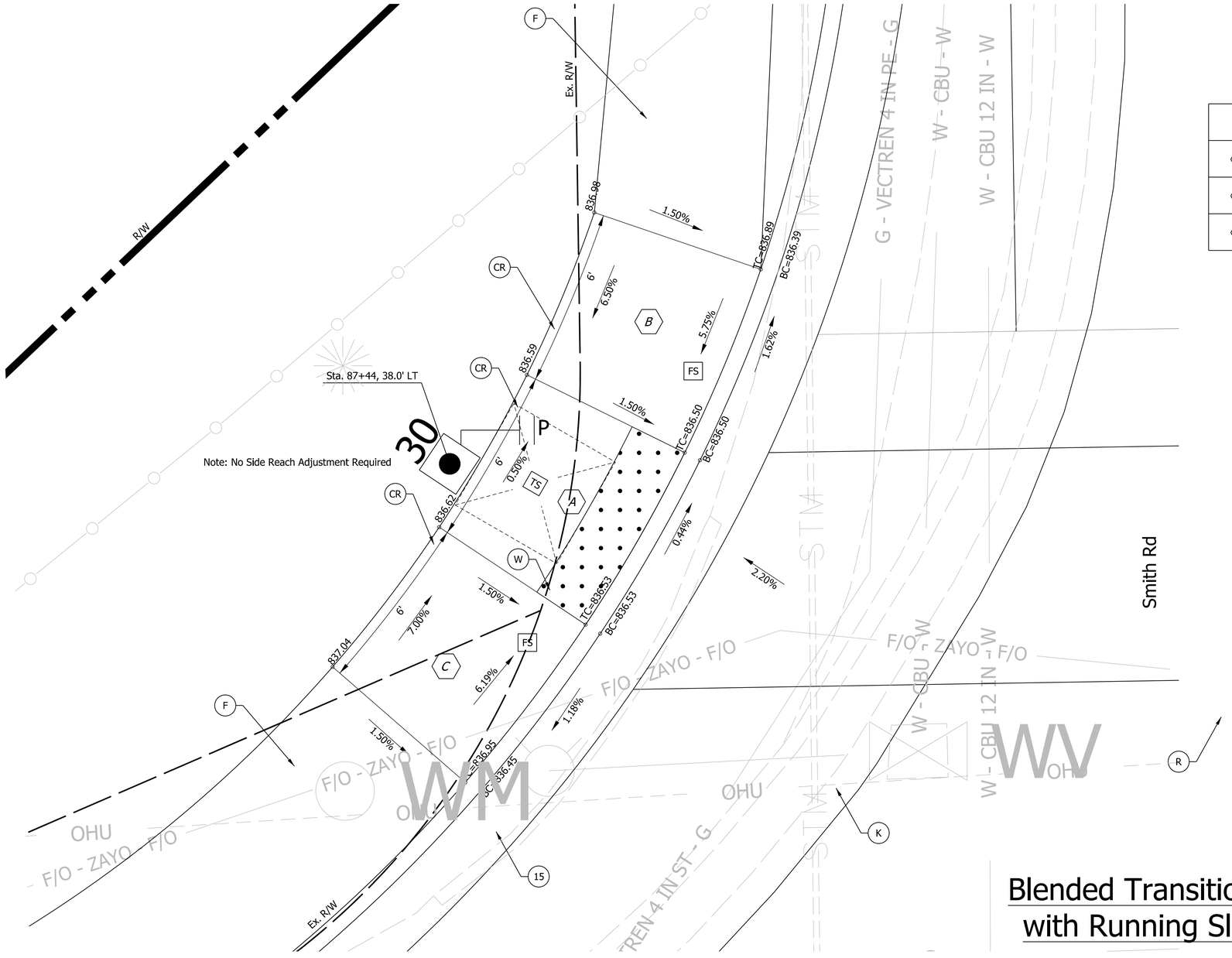

Area	Length LFT	Width LFT
A	6.0 / 6.78	6.0
B	6.0 / 6.78	6.0
C	6.0 / 6.78	6.0

Blended Transition Curb Ramp with Running Slope <2.00%

LEGEND:

- (F) Sidewalk, Concrete
- (CR) Curb Ramp, Concrete
- (W) Detectable Warning Surface
- (R) Mill and Overlay, 1.5" composed of: 165 lb/yd^2 QC/QA - HMA, 3, 64, SURFACE, 9.5 mm
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CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
SMITH RD NW CROSSING

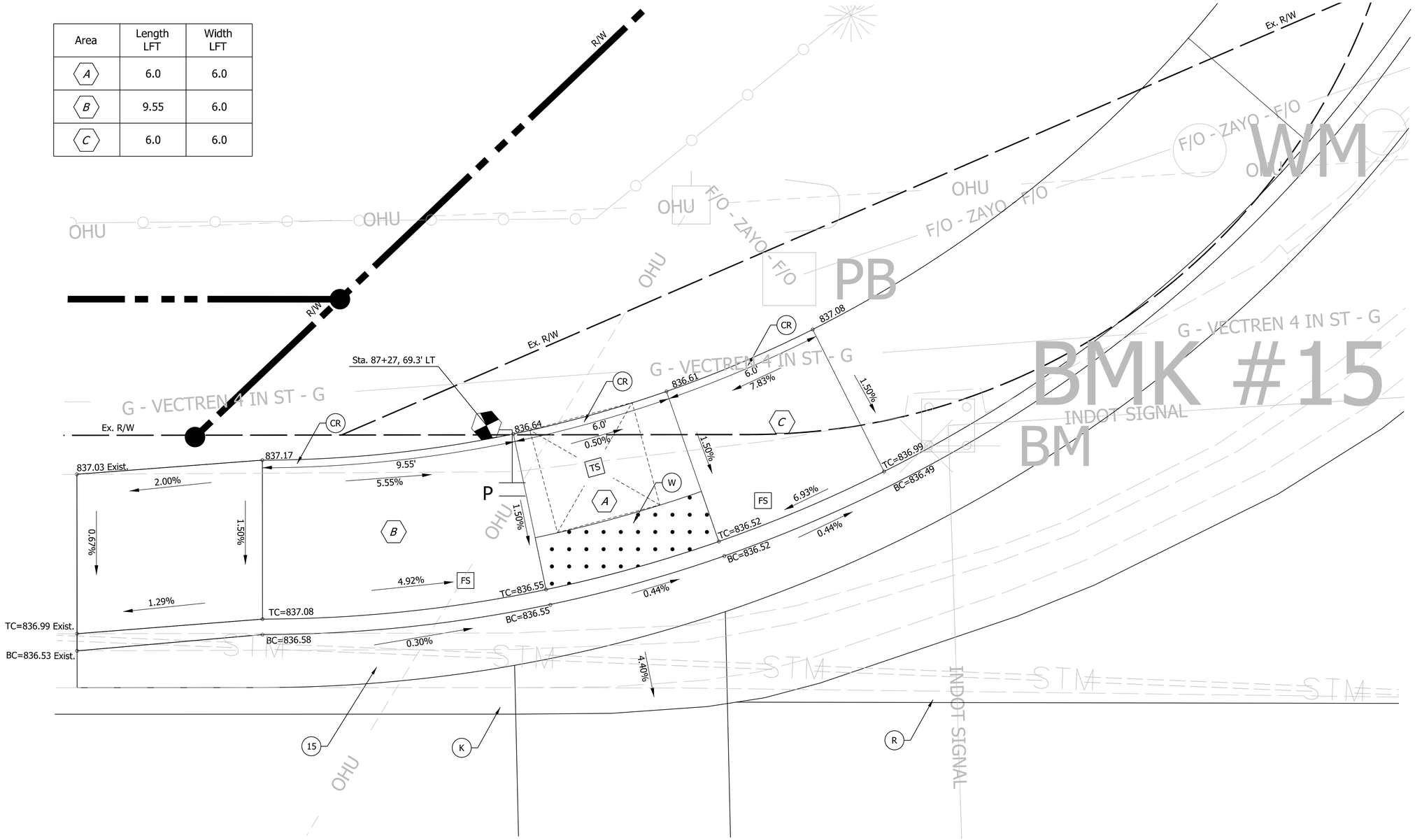
SCALE	BRIDGE FILE
1"=2"	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	46 of 108
CONTRACT	PROJECT
R-41465	1800208

PLOT_DATE=$DATE$ PLOT_TIME=AM_PM

L:\INDOT\18070904-11\Draw\Sheets\Sht_Curb_06_NW_Smith.dgn

Area	Length LFT	Width LFT
A	6.0	6.0
B	9.55	6.0
C	6.0	6.0



LEGEND:

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- New Pedestal & Base on "A" Foundation

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
SR46 NW CROSSING

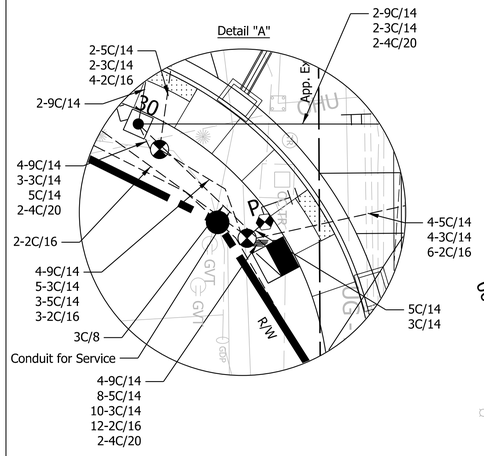
SCALE	BRIDGE FILE
1"=2"	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	47 of 108
CONTRACT	PROJECT
R-41465	1800208

PlotPLOT_DATE$ PLOT_TIME$ AM_PM

L:\INDOT\18070904-11\Draw\Sheets\Sht_Curb_07_NW_SR46.dgn

Legend

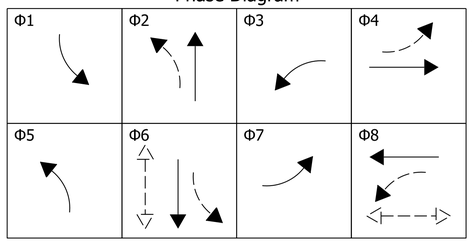
- Existing, Conduit, Steel, Galvanized, 2 In., Underground
- New, Conduit, Steel, Galvanized, 2 In., Underground
- Signal Detector Housing
- New 3 Section (12" Red, 12" Amber, 12" Green) Signal Indication w/ Backplate
- Controller and Cabinet, Secondary Menu Driven, 8 Phase On "P-I" Foundation
- Proposed Sheet Sign
- Street Name Sign
- Detector Loop 6 ft, 4 Turn Series
- Quadrupole Loop, 2 ft x 4 ft, for Bicycle Detection
- Bicycle Detection Pavement Marking
- New 4 FYA (12", Red, 12" Amber, 12" Green, 12" Amber Arrow) Signal Indication w/ Backplate
- Proposed Handhole
- Signal Pole, Steel Strain, 30 ft on Signal Pole Foundation, 36 In. X 144 In.
- New Disconnect Hanger
- Emergency Vehicle Preemption, 2-way, 2-channel
- Pedestrian Indication w/ Countdown
- Pedestrain Push Button, Aps with R10-3e Ped. Sign
- New Pedestal & Base on "A" Foundation



Notes:

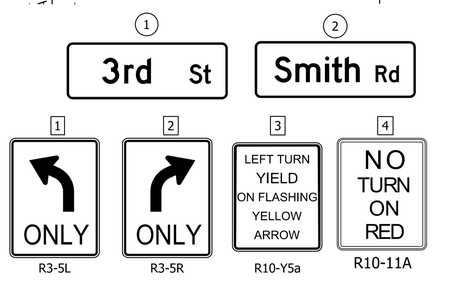
1. Existing signal equipment will be removed and salvaged. It will be determined at a future submittal if the equipment be returned to INDOT or become property/responsibility of the contractor when removed.
2. Coordinate with District Traffic to determine if the existing strain pole on the NE quadrant can be used in place or if they want a new pole installation.
3. During the Utility Coordination process it will be determined if the signal span, catenary, tether and pole have adequate clearance to the distribution cable.

Phase Diagram



Flash All Red

Loop Tagging Table					
Direction	Lane	Phase	Loops	C	Tag Number
North	A	4	1,2,3,4	C	NA4-1,2,3,4
North	L	7	1,2,3,4	C	NL7-1,2,3,4
South	A	8	1,2,3,4	C	SA8-1,2,3,4
South	L	3	1,2,3,4	C	SL3-1,2,3,4
East	A	6	1,2,3,4		EA6-1,2,3,4
East	A	6	5	C	EA6-5
East	L	1	1,2,3,4	C	EL1-1,2,3,4
East	R	6	1,2,3,4	C	ER6-1,2,3,4
West	A	2	1,2,3,4		WA2-1,2,3,4
West	A	2	5	C	WA2-5
West	L	5	1,2,3,4	C	WL5-1,2,3,4
West	R	2	1,2,3,4	C	WR2-1,2,3,4



COMM. NO. 01-053-036	
SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

RECOMMENDED FOR APPROVAL	Cassin M. Reiter	3/10/2023	
	DESIGN ENGINEER	DATE	
DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

INDIANA DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
AT SR 46 AND SMITH ROAD
MONROE COUNTY SEYMOUR DISTRICT

SURVEY BOOK	SHEETS
Electronic	48 of 108
CONTRACT	PROJECT
R-41465	1800208

PLOT_DATE$ PLOT_TIME$ AM_PM

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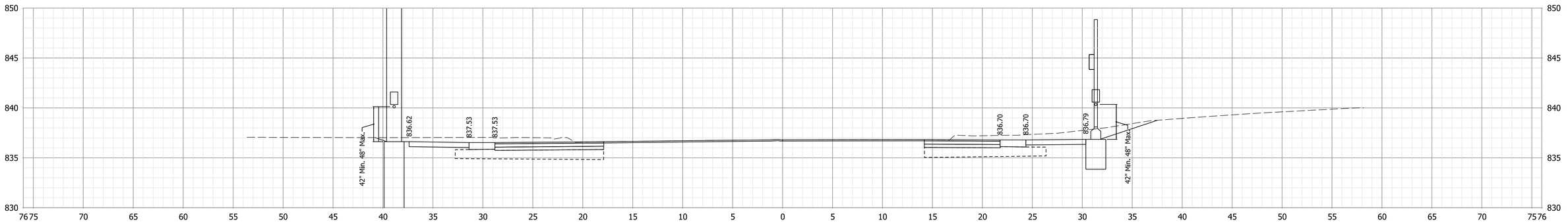
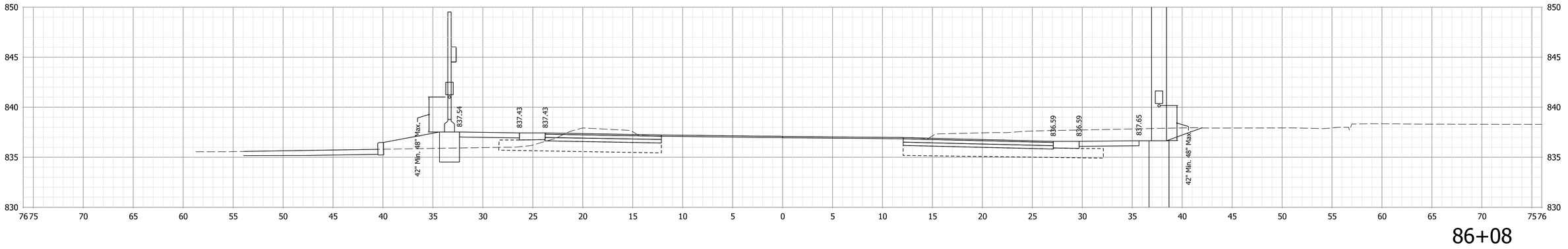


87+40



86+08

PLOT_DATE$ PLOT_TIME$ AM_PM

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023
DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023
CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN PUSH BUTTON
CROSS SECTIONS
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	49 of 108
CONTRACT	PROJECT
R-41465	1800208

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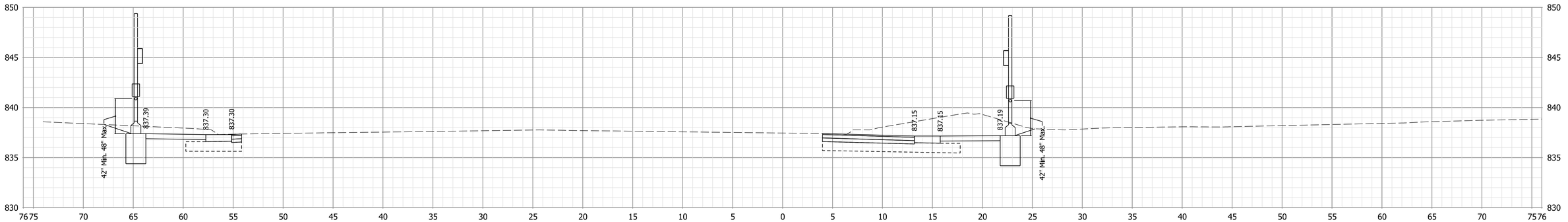
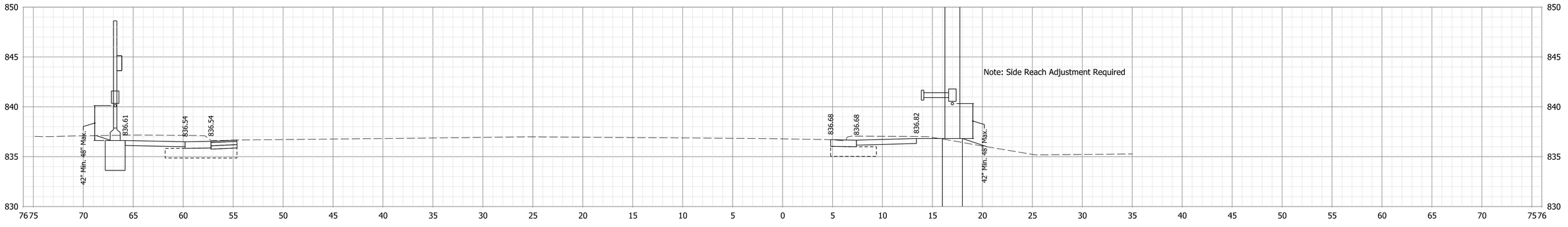


200+74



199+40

CASSINI M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassini M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023
DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023
CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN PUSH BUTTON
CROSS SECTIONS
LINE "S"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208

SURVEY BOOK	SHEETS
Electronic	50 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DATE$ PLOT_TIME$ AM_PM
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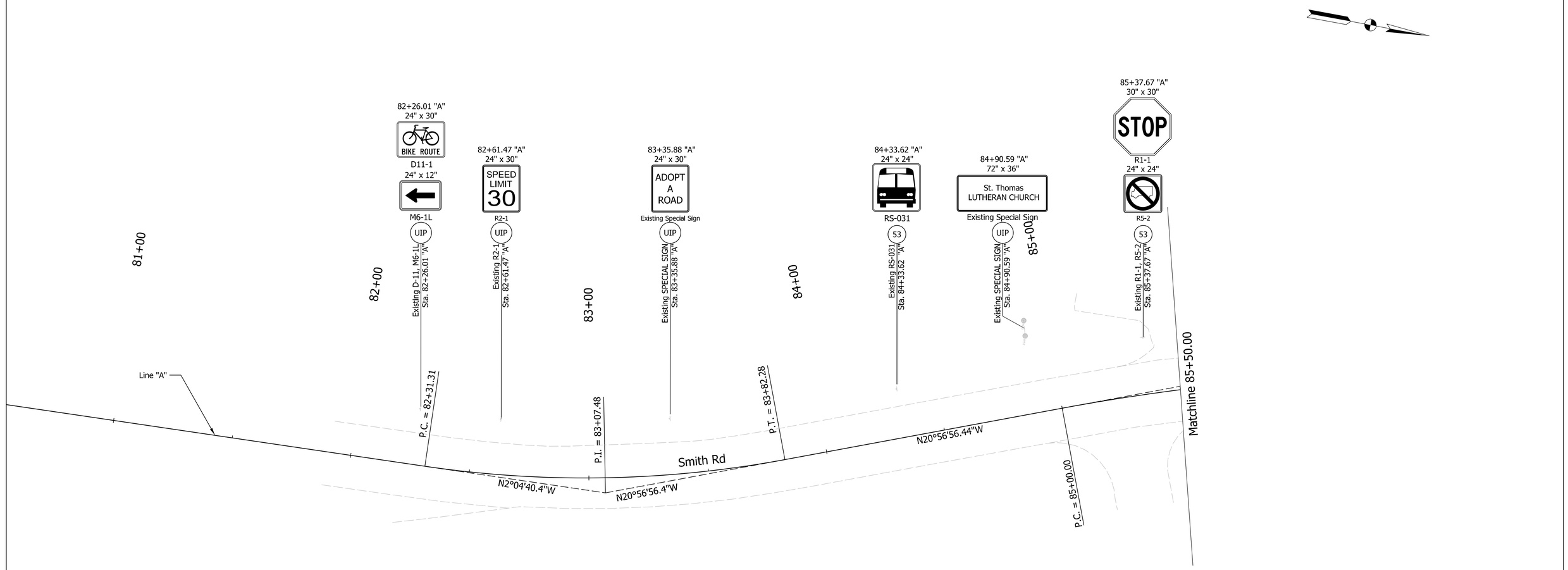
Model: $MODEL_NAME$



LEGEND

(53) Sign, Sheets and Supports, Remove

(UIP) Use In Place

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

EXISTING SIGN PLAN
Sta. 81+50.00 to 85+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	51 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: $PLOT_DATE$ $PLOT_TIME$ AM_PM
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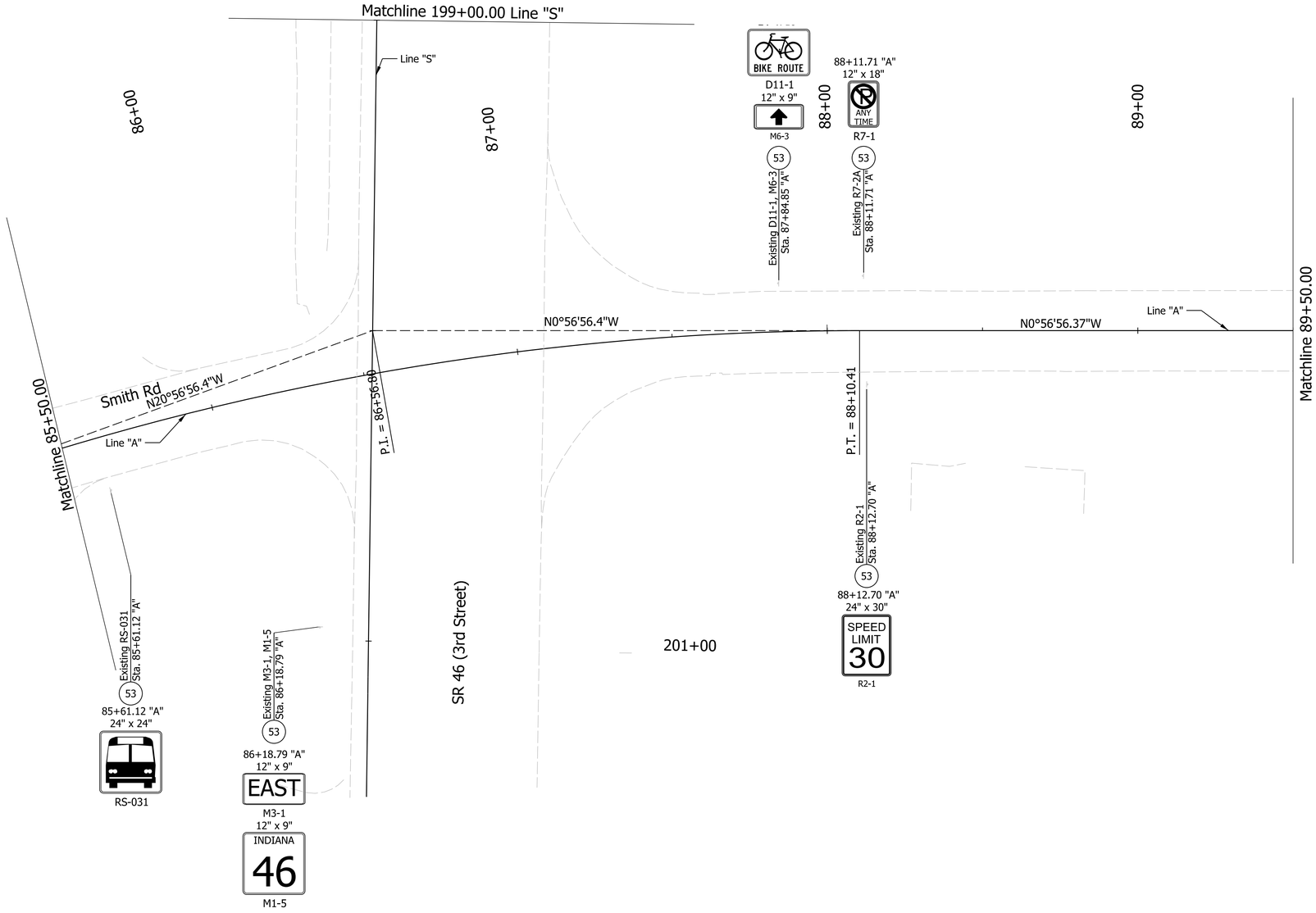

LEGEND

(53) Sign, Sheets and Supports, Remove

(UIP) Use In Place

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

EXISTING SIGN PLAN
Sta. 85+50.00 to 89+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	52 of 108
CONTRACT	PROJECT
R-41465	1800208

PlotSPLOT_DATE$ PLOT_TIME$ AM_PM

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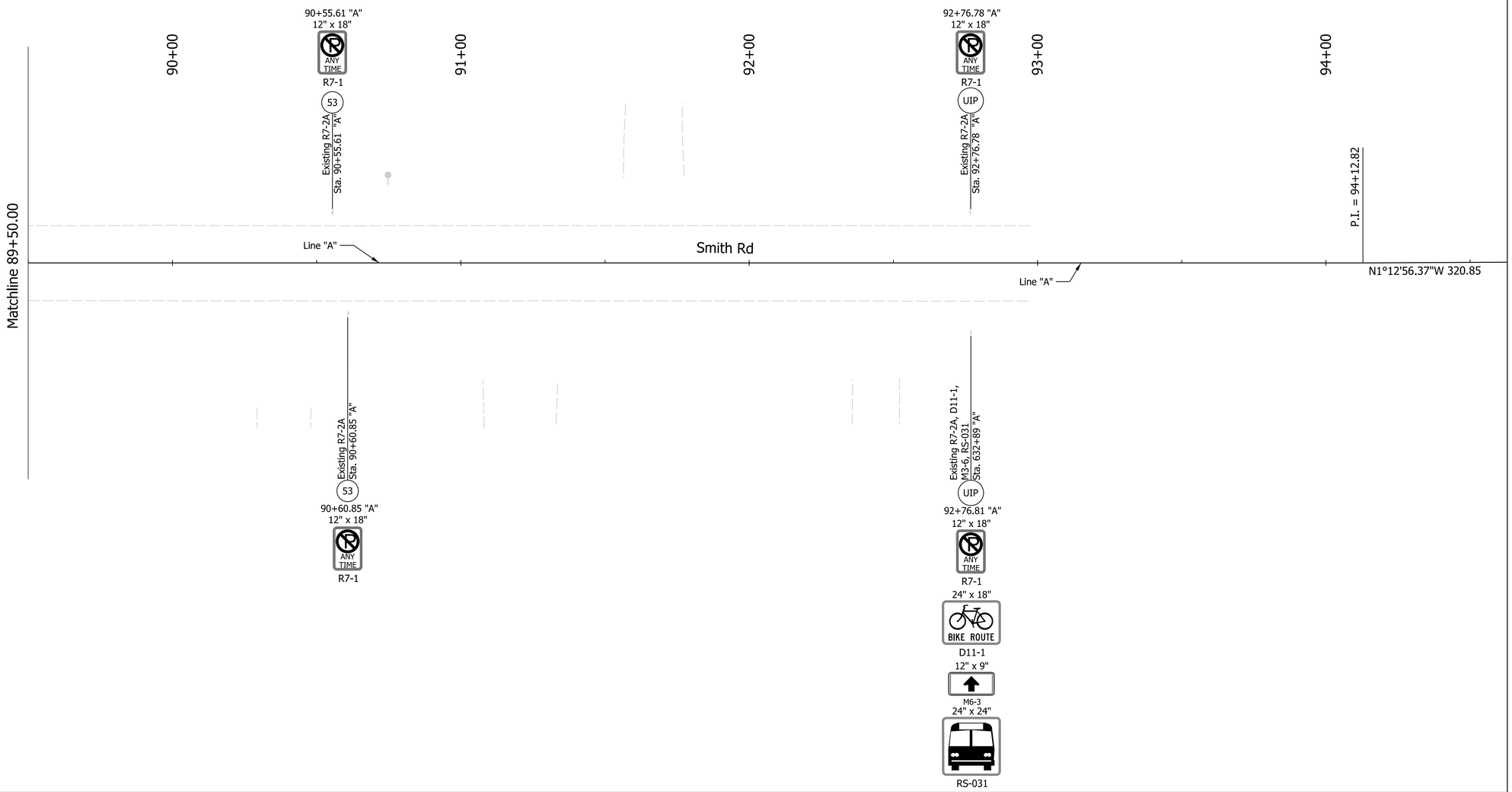
Model:$MODEL_NAME$



LEGEND

(53) Sign, Sheets and Supports, Remove

(UIP) Use In Place

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023

CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

EXISTING SIGN PLAN
Sta. 89+50.00 to 93+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	53 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DATE$ PLOT_TIME$ AM_PM

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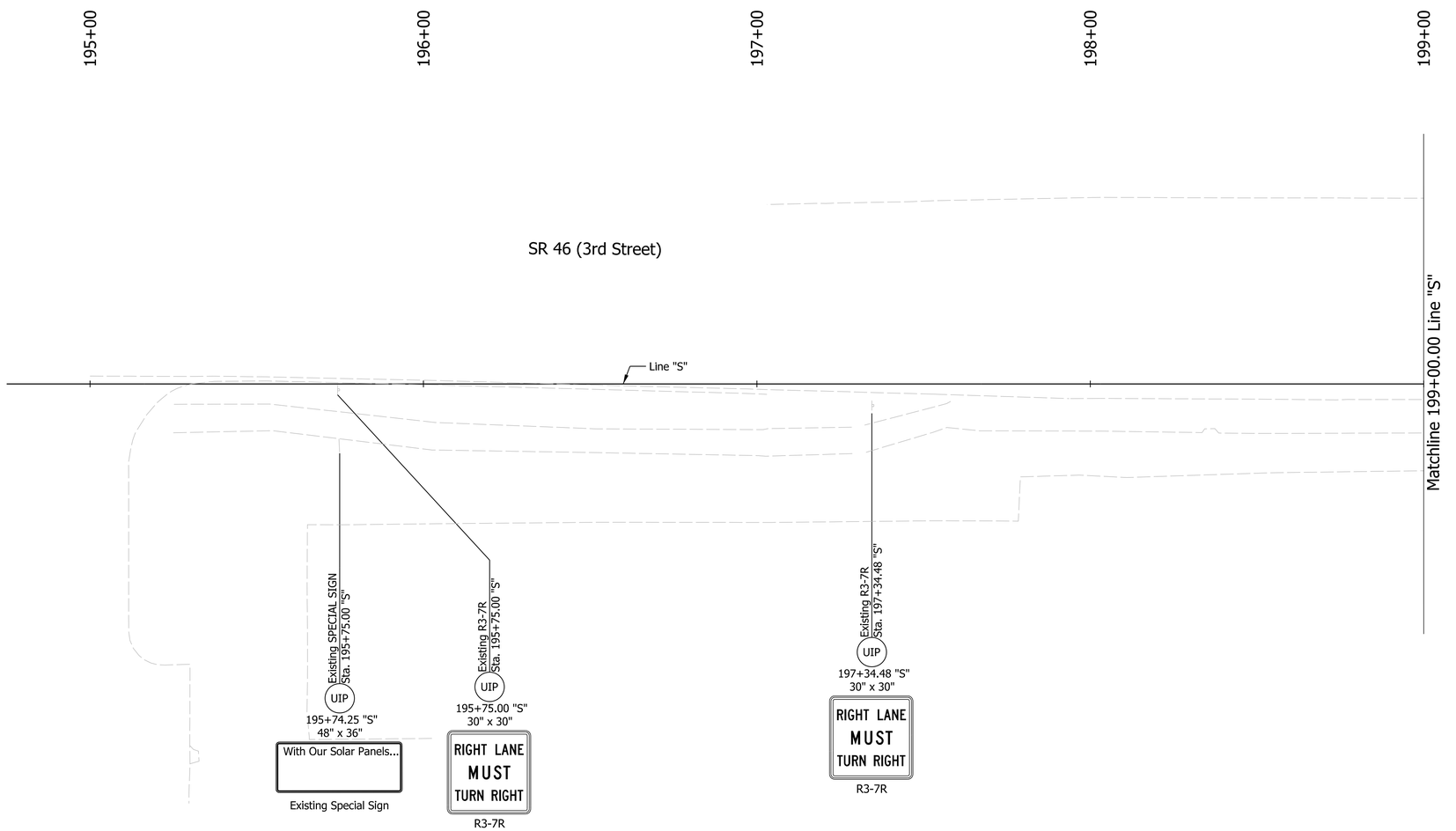

LEGEND

(53) Sign, Sheets and Supports, Remove

(UIP) Use In Place

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023

CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

EXISTING SIGN PLAN
Sta. 195+00.00 to 199+00.00 Line "S"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	54 of 108
CONTRACT	PROJECT
R-41465	1800208

PLOT_DATE$ PLOT_TIME$ AM_PM
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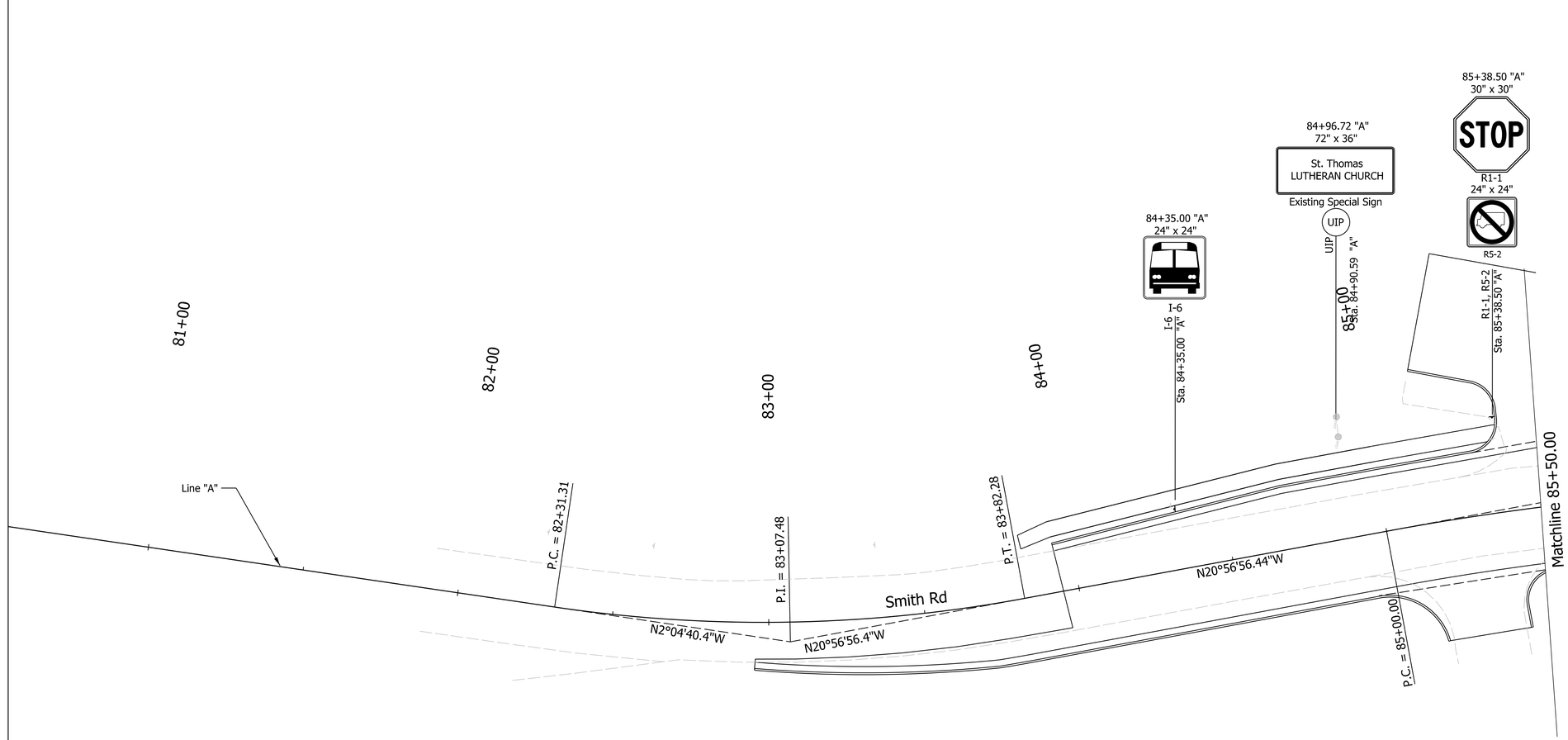
Model: $MODEL_NAME$



CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023	DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023	CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

PROPOSED SIGN PLAN
Sta. 81+50.00 to 85+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS		
Electronic	55	of	108
CONTRACT	PROJECT		
R-41465	1800208		

Plot:PLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_Sign_Proposed_20_01.dgn
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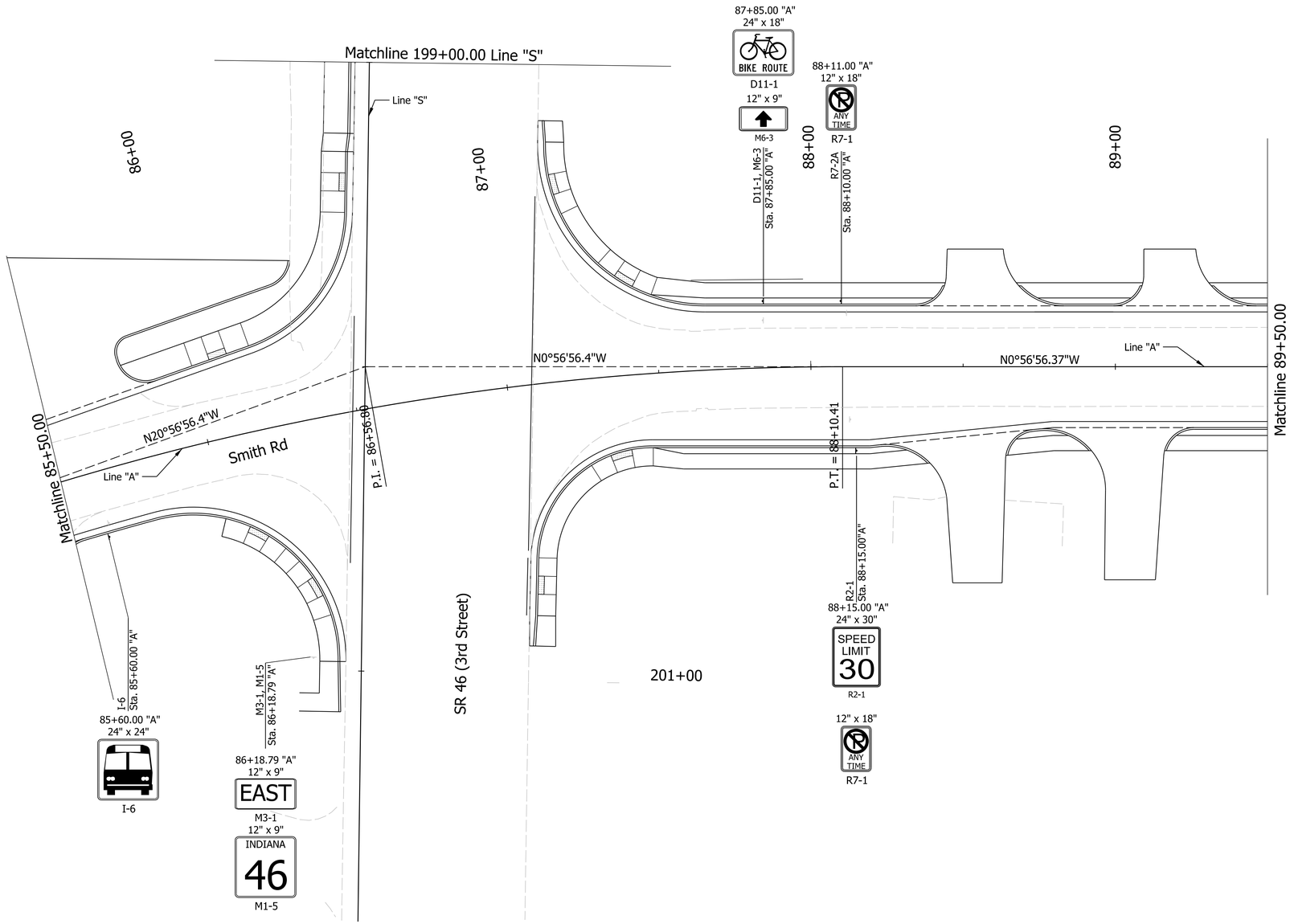

PlotSPLOT_DATE$ $PLOT_TIME$ AM_PM

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CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

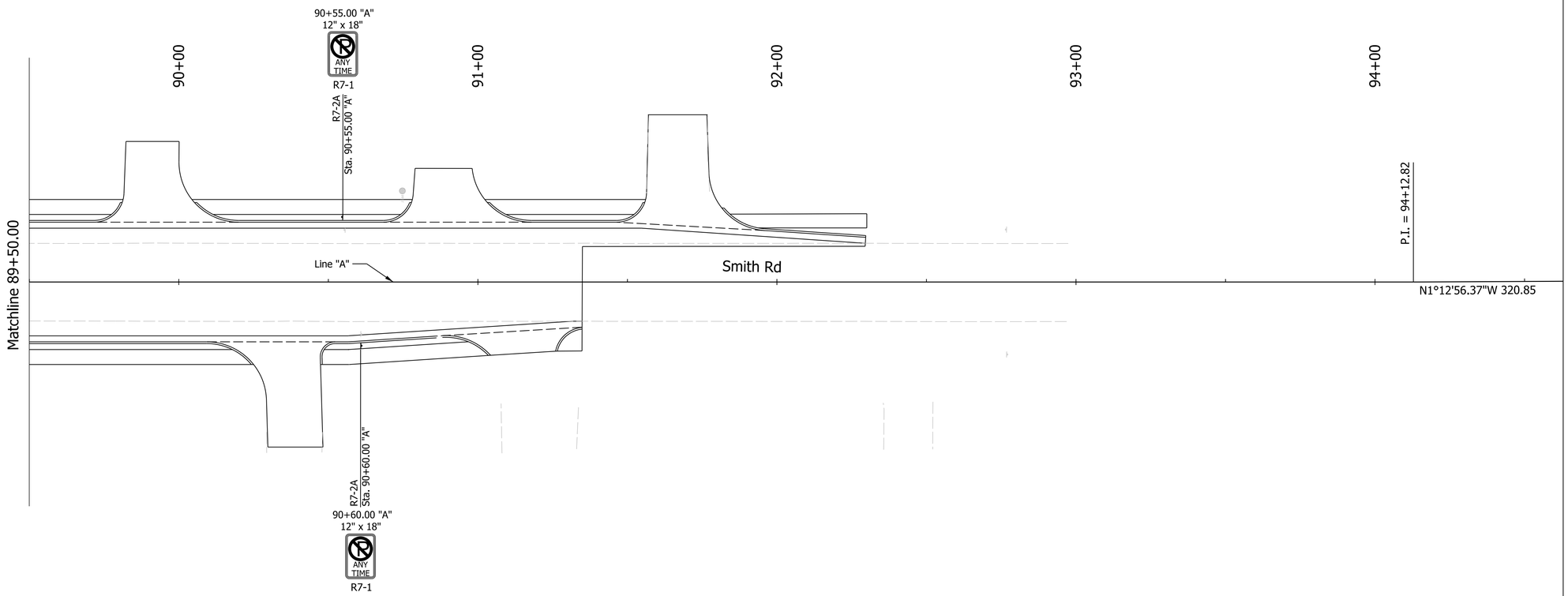
RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

PROPOSED SIGN PLAN
Sta. 85+50.00 to 89+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	56 of 108
CONTRACT	PROJECT
R-41465	1800208



CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023	DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023	CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

PROPOSED SIGN PLAN
Sta. 89+50.00 to 93+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	57 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DATE$ PLOT_TIME$ AM_PM
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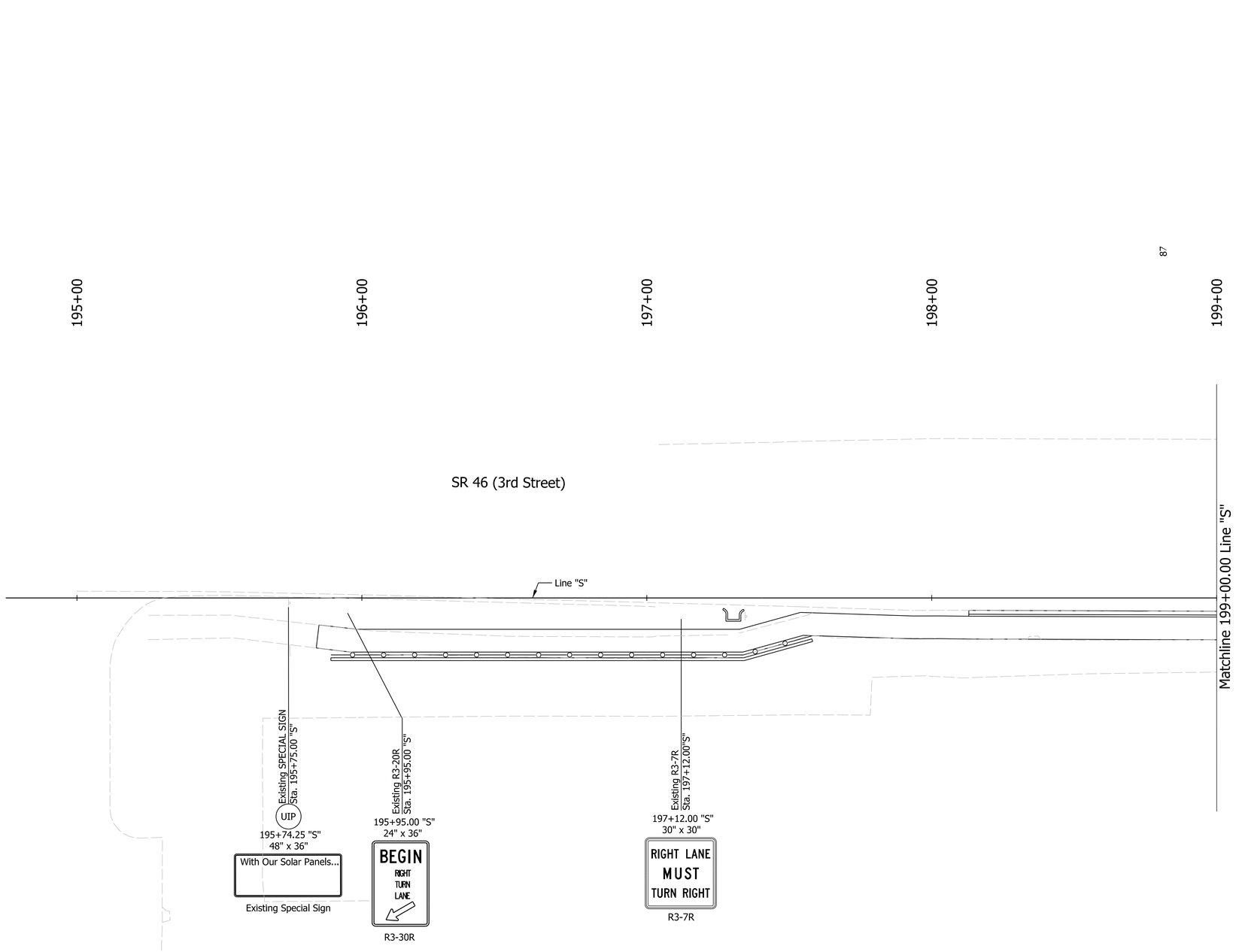

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL	Cassin M. Reiter	3/10/2023
	DESIGN ENGINEER	DATE
DESIGNED: CMP	3/10/2023	DRAWN: CMP 3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT
OF TRANSPORTATION

PROPOSED SIGN PLAN
Sta. 195+00.00 to 199+00.00 Line "S"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	58 of 108
CONTRACT	PROJECT
R-41465	1800208

PLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_Sign_Proposed_20_04_SR46.dgn
Model: $MODEL_NAME$

81+00
82+00
83+00
84+00
85+00
Line "A"
P.C. = 82+31.31
P.I. = 83+07.48
P.T. = 83+82.28
Smith Rd
N20°56'56.44"W
N2°04'40.4"W
N20°56'56.4"W
Matchline 85+50.00
P.C. = 85+00.00
+69
+94
+96
+71
12'
App. Section Line
Begin Construction
Station 82+95.69 Line "A"

LEGEND

(37) Thermoplasitc Pavement Marking Message
(38) 6 in. Crosswalk Edge Line White Thermoplastic Transverse Marking
(39) 12 in. Crosshatch Line Yellow Thermoplastic Transverse Marking
(40) 24 in. Stop Line White Thermoplastic Transverse Marking
(46) 4 in. Solid White Thermoplastic Line
(47) 4 in. Solid Yellow Thermoplastic Line
(48) 6 in. Solid White Thermoplastic Line
(49) 8 in. Broken White Thermoplastic Line

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023
DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023
CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
Sta. 81+50.00 to 85+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS		
Electronic	59	of	108
CONTRACT	PROJECT		
R-41465	1800208		

PlotPLOT_DATE$ PLOT_TIME$ AM_PM
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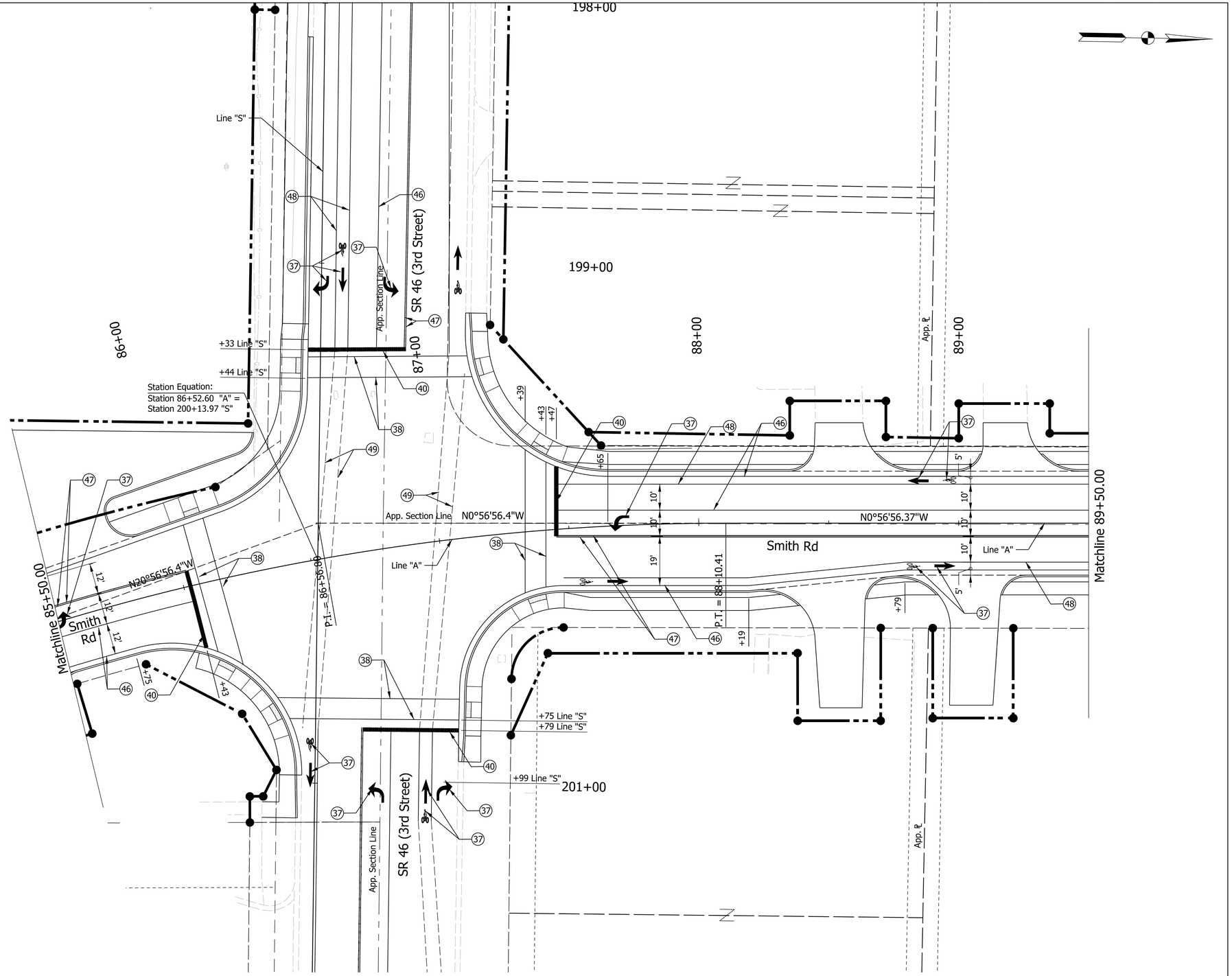

LEGEND

(37)	Thermoplasitc Pavement Marking Message	(40)	24 in. Stop Line White Thermoplastic Transverse Marking
(38)	6 in. Crosswalk Edge Line White Thermoplastic Transverse Marking	(46)	4 in. Solid White Thermoplastic Line
(39)	12 in. Crosshatch Line Yellow Thermoplastic Transverse Marking	(47)	4 in. Solid Yellow Thermoplastic Line
		(48)	6 in. Solid White Thermoplastic Line
		(49)	8 in. Broken White Thermoplastic Line

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL	Cassin M. Reiter	3/10/2023
	DESIGN ENGINEER	DATE

DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
Sta. 85+50.00 to 89+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	60 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM
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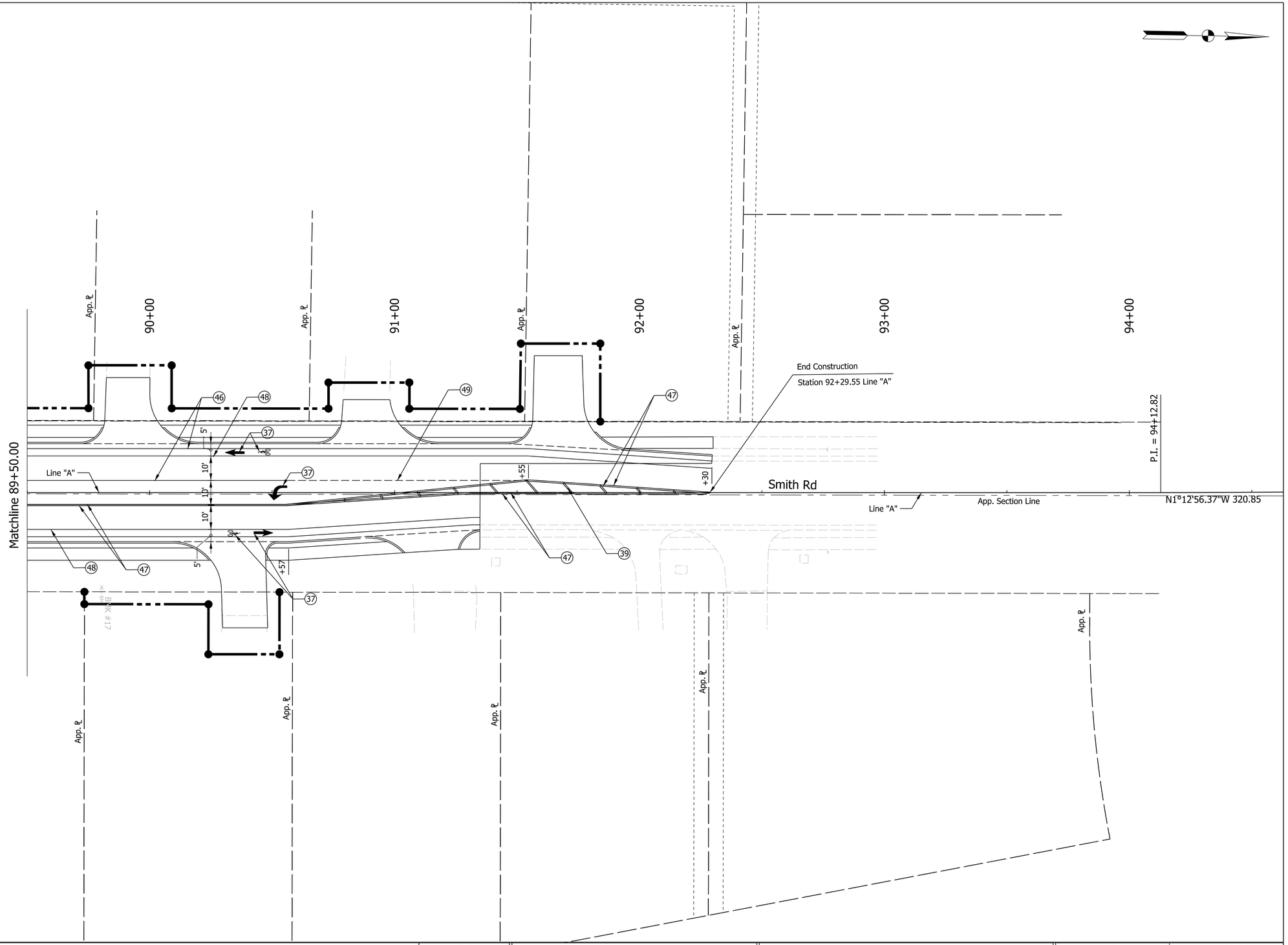

LEGEND

(37)	Thermoplasitc Pavement Marking Message	(40)	24 in. Stop Line White Thermoplastic Transverse Marking
(38)	6 in. Crosswalk Edge Line White Thermoplastic Transverse Marking	(46)	4 in. Solid White Thermoplastic Line
(39)	12 in. Crosshatch Line Yellow Thermoplastic Transverse Marking	(47)	4 in. Solid Yellow Thermoplastic Line
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CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
Sta. 89+50.00 to 93+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	61 of 108
CONTRACT	PROJECT
R-41465	1800208

PlotPLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_PMK_20_03.dgn
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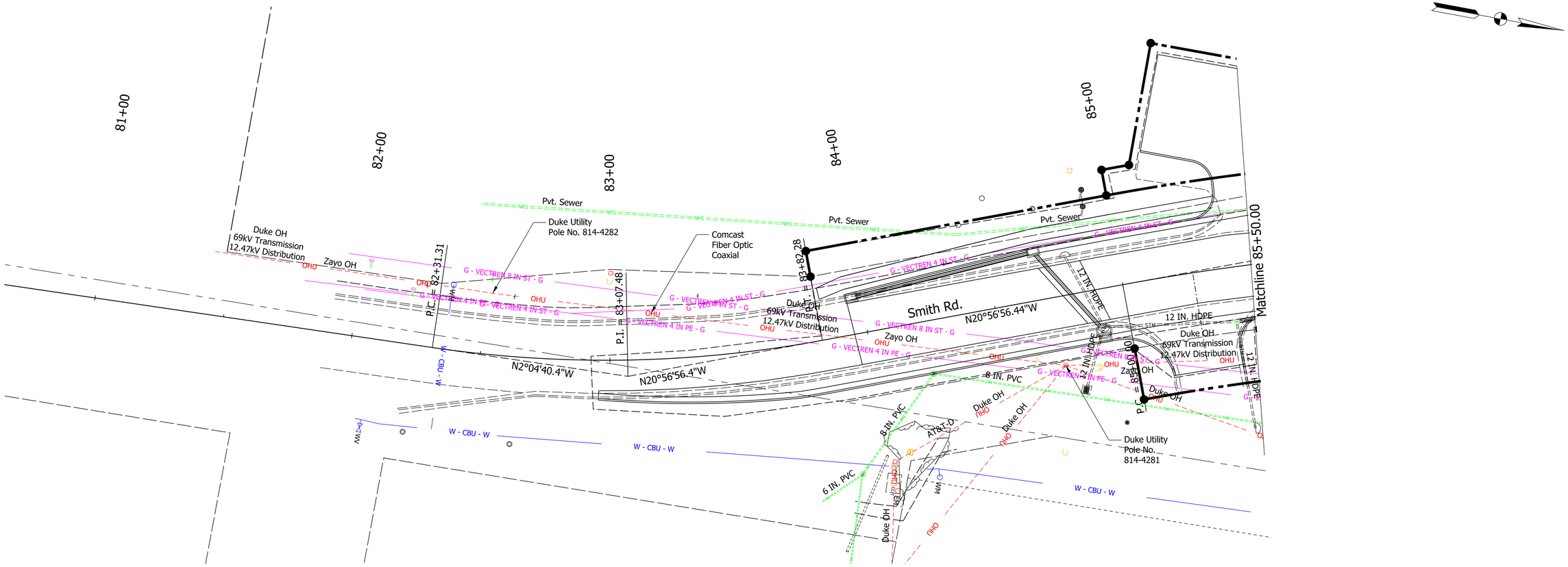

RECOMMENDED FOR APPROVAL	Cassin M. Reiter	3/13/2023	DESIGN ENGINEER / DATE
DESIGNED: CMP 3/13/2023	DRAWN: CMP 3/13/2023		
CHECKED: KLT 3/13/2023	CHECKED: KLT 3/13/2023		

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

INDIANA DEPARTMENT OF TRANSPORTATION

UTILITY DETAILS

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	62 of 108
CONTRACT	PROJECT
R-41465	1800208

PLOTDATE=$$DATE$ $$TIME$ AM_PM
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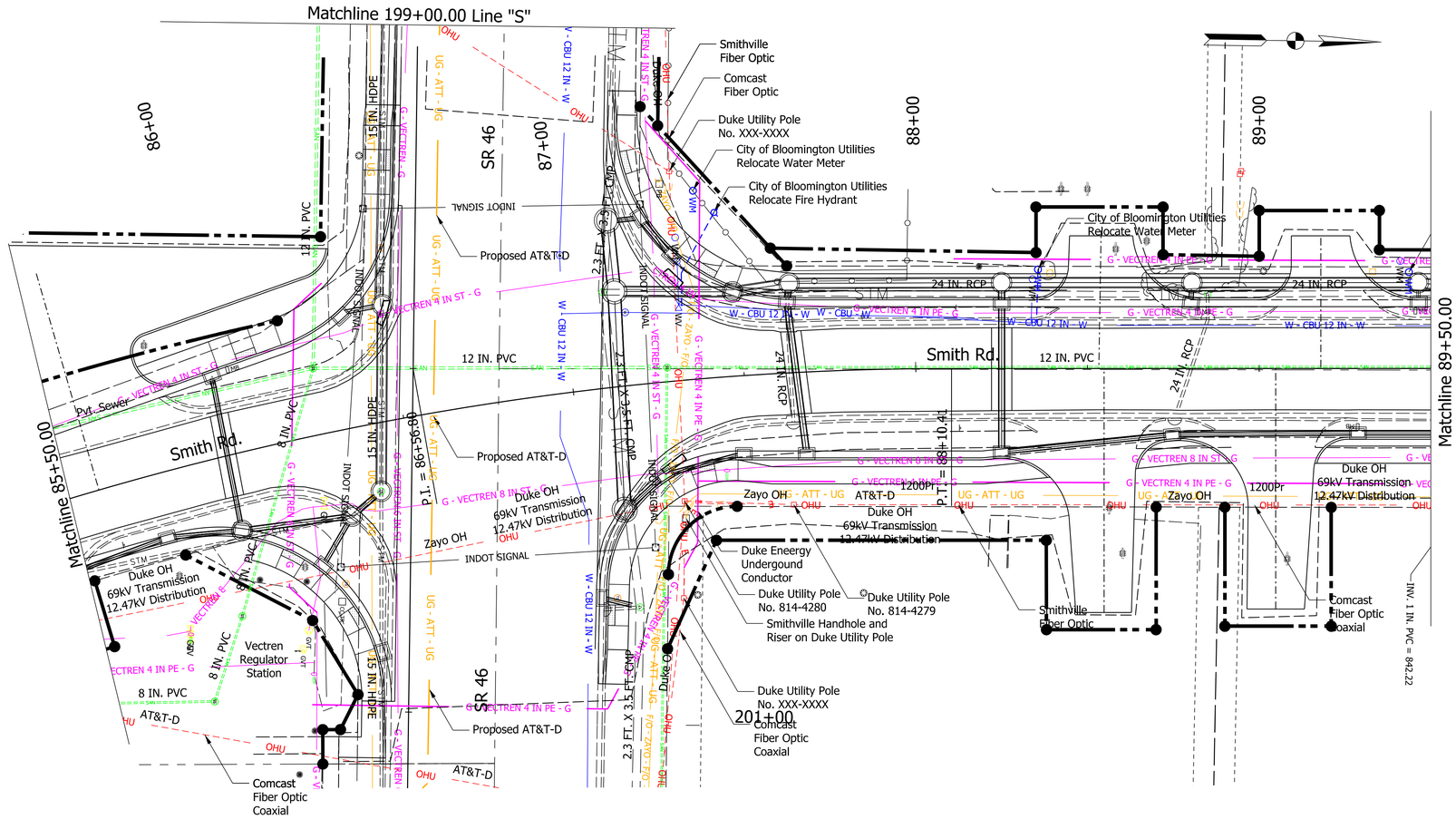
Model:$MODEL_NAME$



CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/13/2023
DESIGN ENGINEER DATE

DESIGNED: CMP	3/13/2023	DRAWN: CMP	3/13/2023
CHECKED: KLT	3/13/2023	CHECKED: KLT	3/13/2023

INDIANA DEPARTMENT OF TRANSPORTATION

UTILITY DETAILS

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	63 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: $PLOT_DATE$ $PLOT_TIME$ AM_PM
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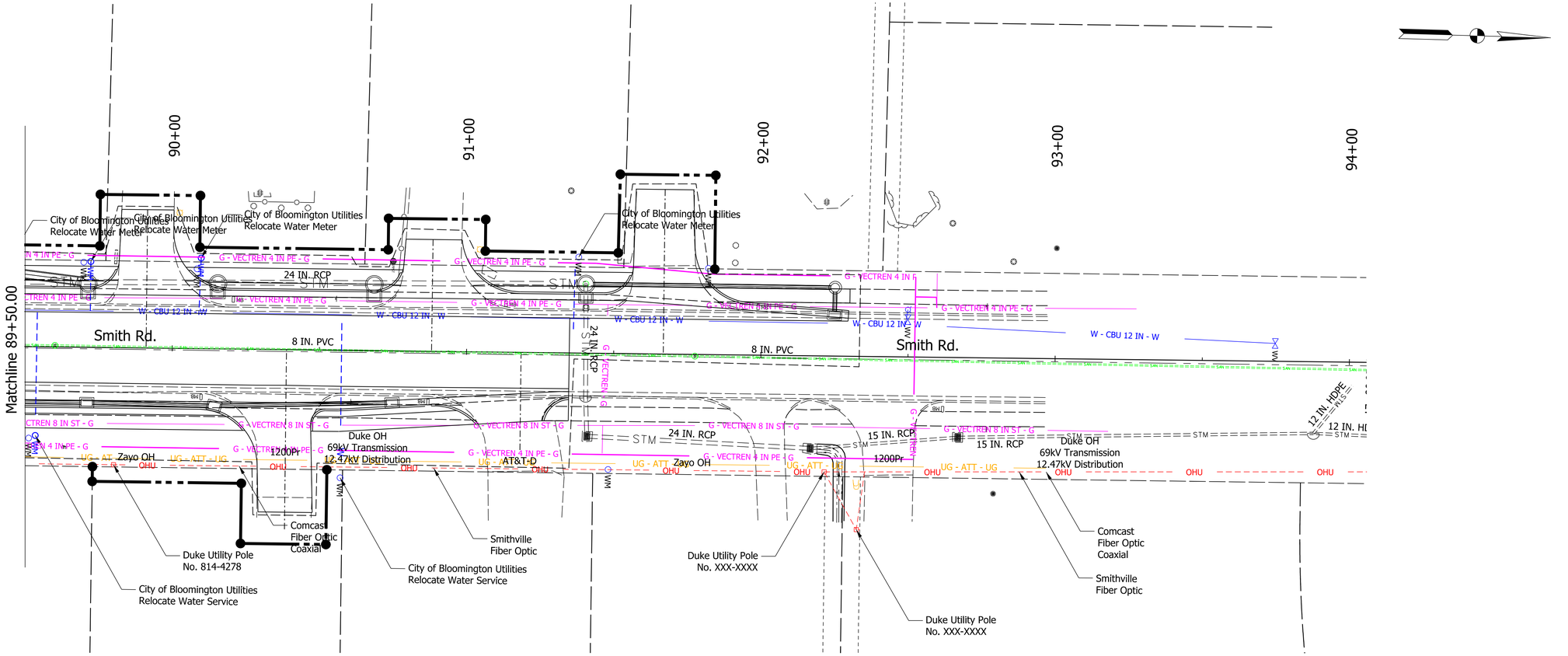
Model: $MODEL_NAME$



PK:$PLOT_DATE$ $PLOT_TIME$ AM_PM

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Model:$MODEL_NAME$

CASSIN M. REITER
REGISTERED
No.
PE10708024
STATE OF
INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/13/2023
DESIGN ENGINEER DATE

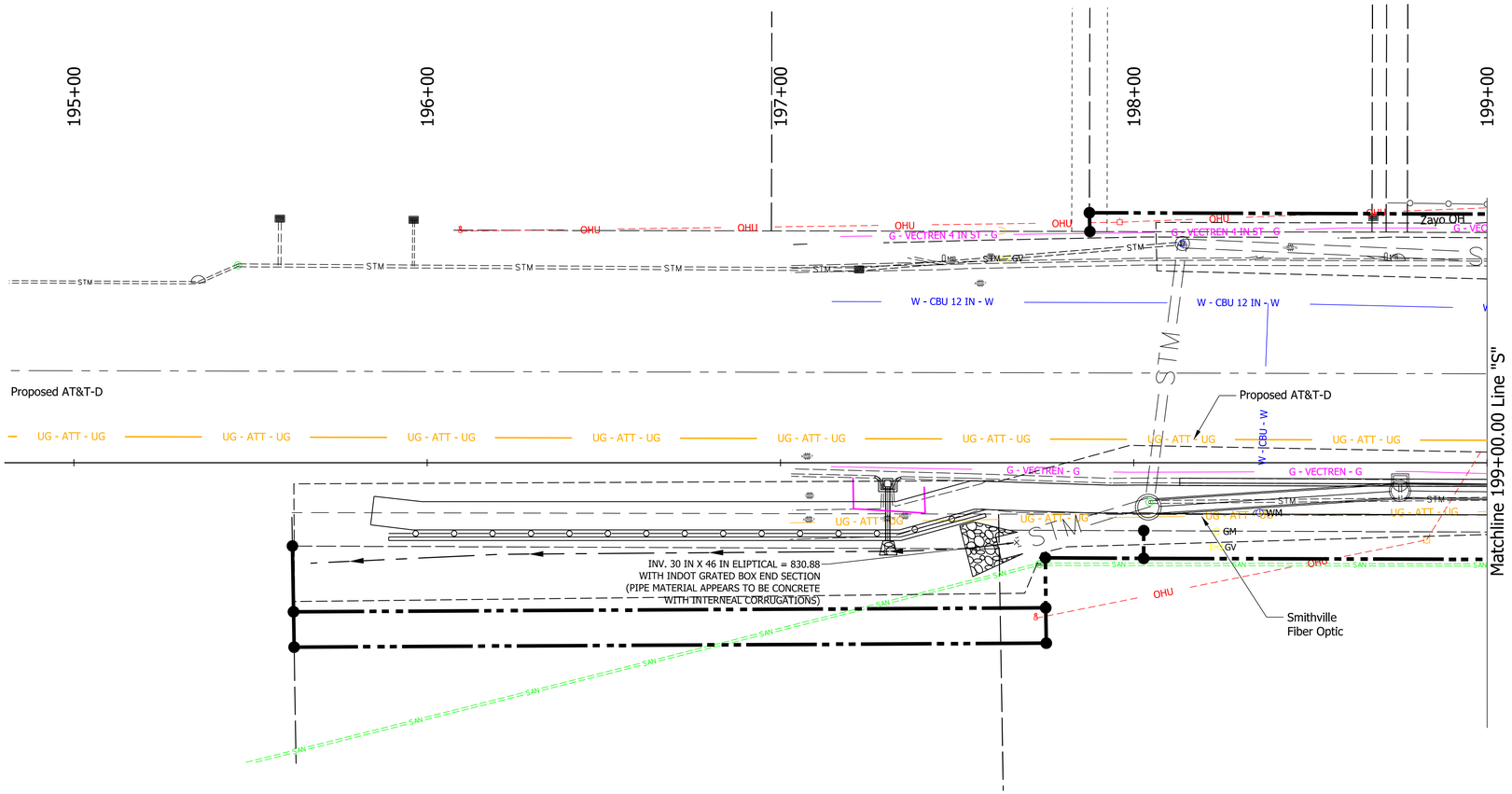
DESIGNED: CMP 3/13/2023 | DRAWN: CMP 3/13/2023
CHECKED: KLT 3/13/2023 | CHECKED: KLT 3/13/2023

INDIANA DEPARTMENT
OF TRANSPORTATION

UTILITY DETAILS

SCALE	BRIDGE FILE
1"=20"	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	64 of 108
CONTRACT	PROJECT
R-41465	1800208



CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/13/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/13/2023 | DRAWN: CMP 3/13/2023

CHECKED: KLT 3/13/2023 | CHECKED: KLT 3/13/2023

INDIANA DEPARTMENT OF TRANSPORTATION

UTILITY DETAILS

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	65 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: $PLOT_DATE$ $PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_UtilityDetail_04_SR46.dgn
Model: $MODEL_NAME$

DESIGN DATA

Designed in accordance with AASHTO LRFD Bridge Design Specifications, 9th Edition, 2020.

DESIGN STRESSES

CONCRETE

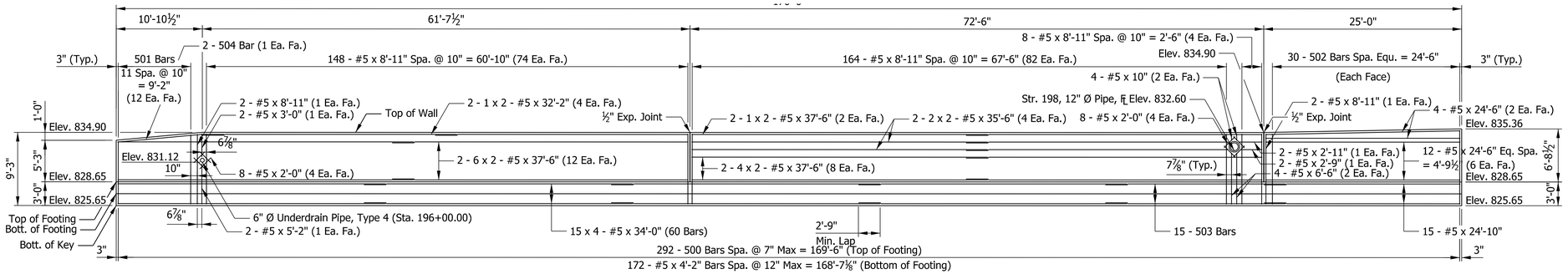
Class "A" Concrete	f'c = 3,500 p.s.i.
Class "B" Concrete	f'c = 3,000 p.s.i.

REINFORCING STEEL

Grade 60	fy = 60,000 p.s.i.

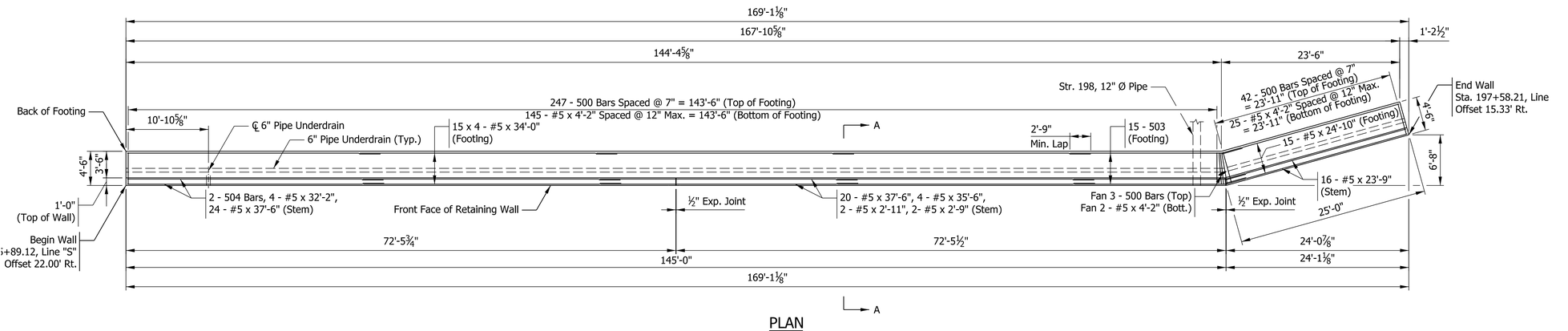
SOIL DATA

Angle of Friction between Retaining Wall Footing and Backfill Soil (δ)	20
Friction Factor Between Footing and Foundation Soil (Tan δ)	17
Foundation Soil Internal Friction Angle (Ø)	26
Ultimate Adhesion between Foundation Soil and Concrete, Ca	1,200
Ultimate Cohesion of Foundation Soil, C	1,200
Nominal Bearing Resistance (psf)	6,400



ELEVATION

(Looking North at Front Face)
Scale: ⅛" = 1'-0"



PLAN

NOTES:

1. See Geotechnical Report for additional information.
2. Per Geotechnical Report, a 4" mud mat of Concrete, B, Foundation is to be placed prior to beginning wall construction. This mud mat will reduce the risk of soil deterioration and provide a stable working platform.
3. Bars called out as 1x2 -#5 etc. indicates 1 line of bars with two lengths per line.
4. Pipe underdrain shall be placed at a Min. Slope of 0.5%.

DATE	REVISION

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/13/2023
DESIGN ENGINEER DATE

DESIGNED: MJL	3/13/2023	DRAWN: MJL	3/13/2023
CHECKED: RCM	3/13/2023	CHECKED: RCM	3/13/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

RETAINING WALL
STA. 195+89.12 - 197+58.21

SCALE	BRIDGE FILE
AS NOTED	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	66 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DATE$ PLOT_TIME$ AM_PM
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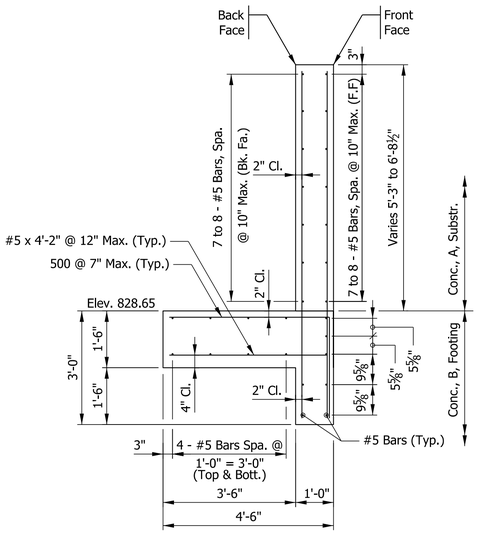
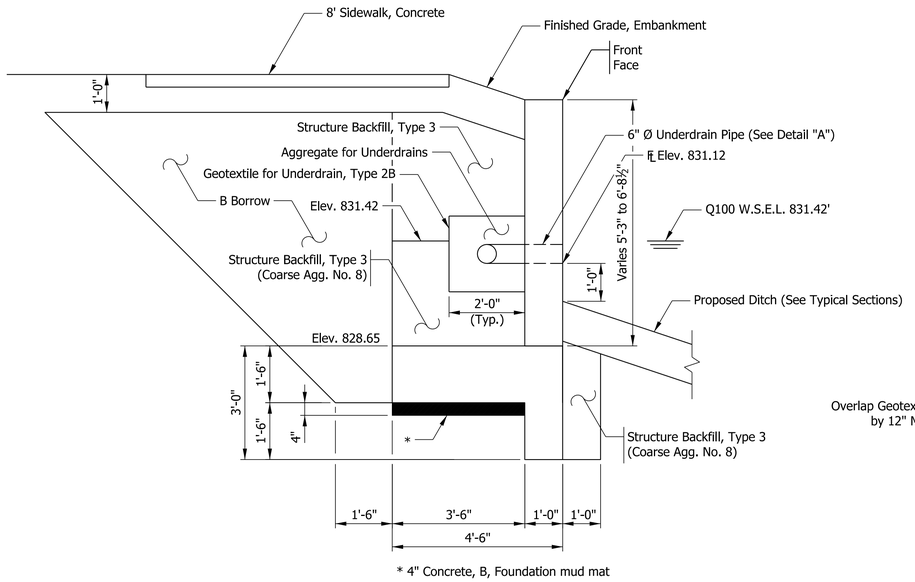
Model: $MODEL_NAME$



SECTION A-A

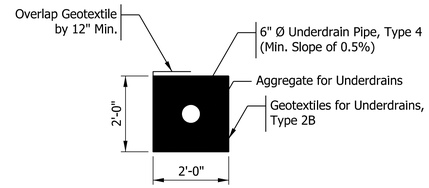
Scale: ½" = 1'-0"



* 4" Concrete, B, Foundation mud mat

BACKFILL DETAILS

Scale: ½" = 1'-0"



DETAIL "A"

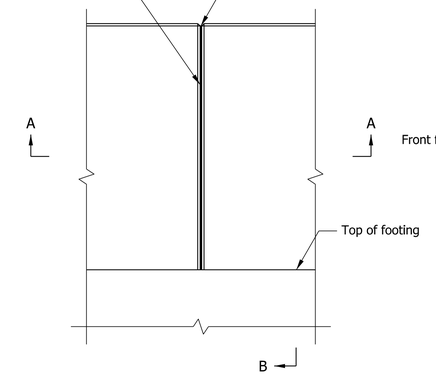
Scale: ½" = 1'-0"

BILL OF MATERIALS
RETAINING WALL

PLAIN REINFORCING BARS

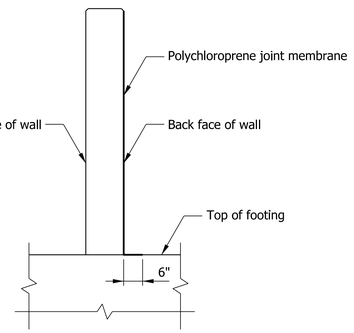
SIZE & MARK	NO. OF BARS	LENGTH (FT - IN.)	WEIGHT (LB)
500	292	6'-10"	
501	12	16'-9"	
502	30	18'-3"	
503	15	22'-9"	
504	2	13'-7"	
#5	44	37'-6"	
#5	8	35'-6"	
#5	60	34'-0"	
#5	4	32'-2"	
#5	15	24'-10"	
#5	16	24'-6"	
#5	324	8'-11"	
#5	4	6'-6"	
#5	2	5'-2"	
#5	172	4'-2"	
#5	2	4'-0"	
#5	2	2'-11"	
#5	2	2'-9"	
#5	16	2'-0"	
#5	4	0'-10"	
		Total #5	12189
Total Plain Reinforcing Bars			12189

CONCRETE	
Concrete Class "A" In Stem	39.4 Cys
Concrete Class "B" In Footings	51.8 Cys
Concrete Class "B" In Footings (Mud Mat)	7.4 Cys
MISCELLANEOUS	
Structure Backfill, Type 3	57 Cys
Structure Backfill, Type 3 (Coarse Aggregate No. 8)	63 Cys
Aggregate for Underdrains	24 Cys
Geotextiles for Underdrains, Type 2B	171 Sys
Pipe, Type 4, Circular, 6 In. (Lft)	172 Lft
B Borrow	244 Cys
Excavation, Dry	518 Cys



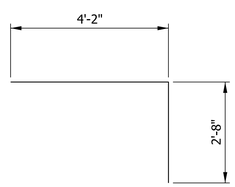
WALL FRONT FACE

Scale: ½" = 1'-0"

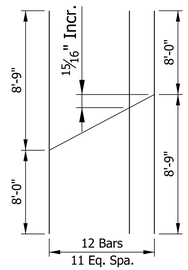


SECTION B-B

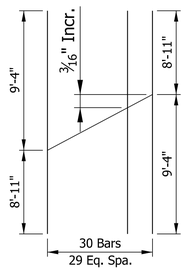
Scale: ½" = 1'-0"



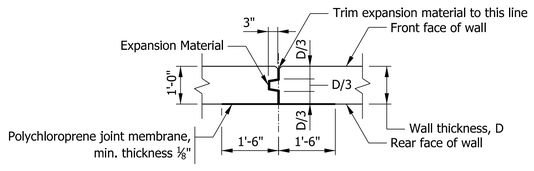
500 x 6'-10"



501 x 16'-9"

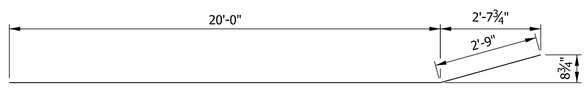


502 x 18'-3"



SECTION A-A

Scale: ½" = 1'-0"



503 x 22'-9"

504 x 13'-7"

BAR BENDING DETAILS

Not to Scale

NOTES:

1. See Geotechnical Report for additional information.
2. Per Geotechnical Report, a 4" mud mat of Concrete, B, Foundation is to be placed prior to beginning wall construction. This mud mat will reduce the risk of soil deterioration and provide a stable working platform.
3. Bars called out as 1x2 -#5 etc. indicates 1 line of bars with two lengths per line.
4. Pipe underdrain shall be placed at a Min. Slope of 0.5%.
5. For additional information on ½" Expansion Joint Details, see Standard Drawing E 724-BJTS-01 and I.S.S 702. Joint shall be filled with expansion materials and the back face of the wall shall be covered with a polychloroprene joint membrane.

DATE	REVISION

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/13/2023
DESIGN ENGINEER DATE

DESIGNED: MJL 3/13/2023 DRAWN: MJL 3/13/2023
CHECKED: RCM 3/13/2023 CHECKED: RCM 3/13/2023

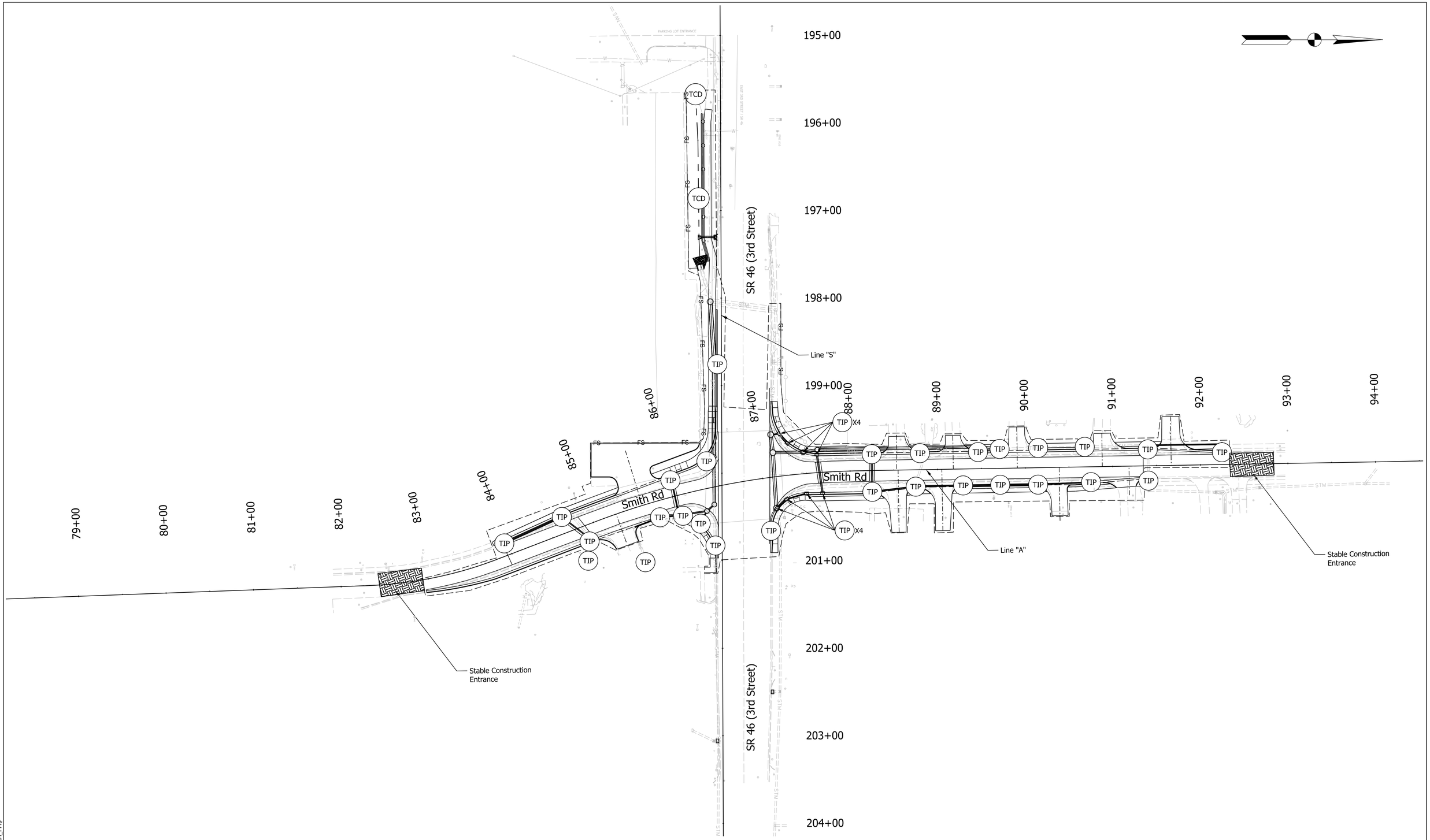
INDIANA
DEPARTMENT OF TRANSPORTATION

RETAINING WALL
STA. 195+89.12 - 197+58.21

SCALE	BRIDGE FILE
AS NOTED	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	67 of 108
CONTRACT	PROJECT
R-41465	1800208

PLOTDATE=$DATE$ PLOTTIME=$TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Sheets\Sht_Retaining Wall_01.dgn
Model:$MODEL_NAME$



Legend:

FS — Filter Sock

TCD — Temporary Check Dam

TIP — Temporary Inlet Protection

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL	Cassin M. Reiter	3/10/2023	
	DESIGN ENGINEER	DATE	
DESIGNED: CMP	3/10/2023	DRAWN: CMP	3/10/2023
CHECKED: KLT	3/10/2023	CHECKED: KLT	3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL PLAN

SCALE	BRIDGE FILE
1"=50'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	68 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: $PLOT_DATE$ $PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_EROS.dgn
Model: $MODEL_NAME$

TEMPORARY EROSION CONTROL TABLE

LOCATION					TEMPORARY SEED MIXTURE	TEMPORARY MULCH	TEMPORARY CHECK DAM MODIFIED			TEMPORARY INLET PROTECTION	SEDIMENT TRAP			SEDIMENT BASIN	TEMPORARY SILT FENCE	FILTER SOCK	MANUFACTURED SURFACE PROTECTION PRODUCT	EROSION CONTROL BLANKET	SEDIMENT, REMOVE	TRACKOUT CONTROL DEVICE			REMARKS
							TEMPORARY GEOTEXTILE	RIPRAP REVETMENT	TEMP. FILTER STONE		TEMPORARY GEOTEXTILE	RIPRAP REVETMENT	TEMP. FILTER STONE							NO. 2 STONE	COMPACTED AGG. NO. 53	TEMPORARY GEOTEXTILE	
STATION		LEFT	RIGHT	MEDIAN	LBS	TON	SYS	TON	TON	EACH	SYS	TON	TON	EACH	LFT	LFT	SYS	SYS	CYS	TON	TON	SYS	
Line "A"																							
	82+50.00	X	X																	100		235	
	83+96.00	X								1.000									1				
	84+68.00	X								1.000									1				
	84+79.00		X							1.000									1				
	84+88.00		X							1.000									1				
85+14.00	86+39.00	X														175			2				
	85+42.00		X							1.000									1				
	85+75.00		X							1.000									1				
	85+97.00	X								1.000									1				
	86+00.00		X							1.000									1				
	86+19.00		X							1.000									1				
	86+30.00		X							1.000									1				
	86+41.00	X								1.000									1				
	87+01.00		X							1.000									1				
	87+11.00		X							1.000									1				
	87+24.00	X								1.000									1				
	87+24.00		X							1.000									1				
	87+32.00	X								1.000									1				
	87+48.00	X								1.000									1				
	87+48.00		X							1.000									1				
	87+64.00	X								1.000									1				
	87+67.00		X							1.000									1				
	88+25.00	X								1.000									1				
	88+25.00		X							1.000									1				
	88+75.00		X							1.000									1				
	88+80.00	X								1.000									1				
	89+29.00		X							1.000									1				
	89+46.00	X								1.000									1				
	89+71.00		X							1.000									1				
	89+71.00	X								1.000									1				
	90+15.00		X							1.000									1				
	90+15.00	X								1.000									1				
	90+68.00	X								1.000									1				
	90+75.00		X							1.000									1				
	91+40.00	X								1.000									1				
	91+40.00		X							1.000									1				
	92+25.00	X								1.000									1				
	92+50.00	X	X																	100		235	
Line "S"																							
195+62.00	199+65.00		X													415			4				
	195+65.00		X				30	20	10										1				
	196+85.00		X				30	20	10										1				
198+05.00	199+30.00	X														125			1				
	198+75.00		X							1.000									1				
TOTAL					0	0	60	40	20	36	0	0	0	0	0	715	0		45	200	0	470	

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL TABLE

SCALE	BRIDGE FILE
	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	69 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Sheets\Sht_Table_EROS.dgn
Model:$MODEL_NAME$

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE			GRADE		EXCAVATION		CHURCH LOT			WIDENING WITH HMA			MILLING, ASPHALT, 1 1/2 IN.	ASPHALT FOR TACK COAT	SUBGRADE TREATMENT, TYPE IC	HMA PATCHING TYPE C		PCCP FOR APPROACHES		SUBGRADE TREATMENT, TYPE II	DENSE GRADED SUBBASE	TEMPORARYCOMPACTED AGGREGATE, NO 53	JOINT ADHESIVE		LIQUID ASHPHALT SEALANT	CURB RAMP, CONCRETE	CURB AND GUTTER, CONCRETE	CURB AND GUTTER, CONCRETE, MODIFIED	SIDEWALK, CONCRETE	CURB AND GUTTER, REMOVE	SIDEWALK, REMOVE
						COMPACTED AGGREGATE BASE	HMA	CONCRETE					QC/QA-HMA, 3, 70, SURFACE, 12.5 mm	QC/QA-HMA, 3, 70, INTERMEDIATE, 12.5 mm	HMA FOR APPROACHES	QC/QA-HMA, 3, 70, SURFACE, 12.5 mm	HMA, INTERMEDIATE, TYPE B	HMA, BASE, TYPE B				FULL DEPTH	PARTIAL DEPTH						SURFACE	INTERMEDIATE							
													LBS. PER SYD.			LBS. PER SYD.								TYPE											
									1	2	CUT	FILL	165	275	165	165	275	880						6 IN.	9 IN.										
		FT	FT	FT	FT	SYS	SYS	SYS	%	%	CYS	CYS	TON	TON	TON	TON	TON	TON	SYS	TONS	SYS	TON	SYS	SYS	SYS	SYS	CYS	TONS	LFT	LFT	LFT	SYS	LFT	LFT	SYS	LFT	SYS
Smith Road - Line "A"																																					
Sta. 82+96.00 to Sta. 92+30.00	Mainline										1718	105	17.5	29.1		265	163	521	2519	1	2045	7							2857	2857	2857	64	1002	721	767	1550	581
Sta. 85+27.29 Rt.	Class III Drive	26.00	17.72	10 / 20	13				0.4	--					21											63		42									
Sta. 85+58.77 Lt.	Class III Drive	39.00	47.86	10 / 10	32.5				1.5	10					76											229		291									
Sta. 88+53.30 Lt.	Class I Drive	18.00	20.30	10 / 20	10.58				1.5	9.61														48		48	8	32									
Sta. 88+54.84 Rt.	Class III Drive	17.00	49.10	10 / 20	30.7				1.5	11.08														109		109	18	72									
Sta. 89+04.80 Rt.	Class I Drive	17.00	50.00	10 / 20	29.61				1.5	11.64														110		110	18	72									
Sta. 89+17.96 Lt.	Class I Drive	18.00	18.00	10 / 20	8.38				1.5	5.9														44		44	7	29									
Sta. 89+91.10 Lt.	Class I Drive	18.00	27.00	10 / 20	17.5				1.5	7.03														64		64	11	42									
Sta. 90+38.82 Rt.	Class I Drive	18.00	41.00	5 / 20	20.39				1.5	11														79		79	13	52									
Sta. 90+88.11 Lt.	Class I Drive	20.00	20.00	10 / 20	8.66				1.5	0.17														48		48	8	32									
Sta. 91+18.53 Rt.	Class I Drive	22.00	9.62	10 / 20					1.5	--														26		26	4	17									
Sta. 91+61.84 Lt.	Class I Drive	20.00	37.55	10 / 20	26.7				1.5	10														92		92	15	61									
SR 46 - Line "S"																																					
Sta. 195+50.00 to Sta. 199+00.00	Mainline																																129	180	180	129	287
TOTAL													18	29	97	265	163	521	2519	1	2045	7		620		911	103	741	2857	2857	2857	64	1131	901	947	1679	868

PAVED SIDE DITCH, RIPRAP DITCH, AND SODDING SUMMARY TABLE

LOCATION		PAVED SIDE DITCH								RIPRAP DITCH				SODDING						NURSERY SODDING FOR LAWNS
FROM STATION	TO STATION	LEFT	MEDIAN	RIGHT	ACTUAL LENGTH	CUT OFF WALLS (8' EQUIVAL. LENGTH EACH)	LUGS (8' EQUIVAL. LENGTH EACH)	TOTAL EQUIVALENT PAY LENGTHS TYPE			RIPRAP, DUMPED	REVETMENT RIPRAP	UNIFORM RIPRAP	GEOTEXTILES, TYPE 1A	MAINLINE GRADING	FOR DITCHES	FOR MEDIAN	FOR SHOULDER BREAK	SODDING AT BRIDGE CONE	TOTAL SODDING	
					LFT	EACH	EACH				TONS	TONS	TONS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS
Mainline Line "A"																					
82+95.69	92+29.55	X		X											1310					1310	
Mainline Line "S"																					
196+27.00	197+67.00			X							13			17		547				547	
TOTALS											13			17		547				1857	

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023

CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

APPROACH TABLE AND SODDING TABLE

SCALE	BRIDGE FILE
83.3333 ' / in.	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	70 of 108
CONTRACT	PROJECT
R-41465	1800208

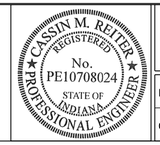
PW$PLOT_DATE$ PWPLOT_TIME$ AM_PM
L:\INDOT\18070904-11\Draw\Sheets\Sht_Table_Approach_Sodding.dgn

PAVEMENT MARKINGS SUMMARY OF QUANTITIES

LOCATION	LINE, THERMOPLASTIC					LINE, PREFORMED PLASTIC		LINE, MULTI-COMPONENT				TRANSVERSE MARKINGS, THERMOPLASTIC			TRANSVERSE MARKINGS, CROSSHATCH, LINE			PAVEMENT MESSAGE THERMOPLASTIC LANE INDICATION ARROW	PAVEMENT MESSAGE THERMOPLASTIC BIKE SYMBOL	SNOWPLOWABLE RAISED PAVEMENT MARKERS
	SOLID WHITE 6 in	SOLID YELLOW 6 in	SOLID WHITE 4 in	SOLID YELLOW 4 in	DASHED WHITE 6 in	DOTTED WHITE 4 in	BROKEN WHITE 4 in	SOLID WHITE 6 in	SOLID YELLOW 6 in	SOLID WHITE 8 in	DOTTED WHITE 4 in	YIELD LINE WHITE 24 in	CROSSWALK LINE WHITE 6 in	STOP LINE WHITE 24 in	SOLID YELLOW 12 in	SOLID WHITE 8 in	SOLID WHITE 6 in			
	Lft	Lft	Lft			Lft	Lft	Lft	Lft	Lft	Lft	Lft	Lft	Lft	Lft	Lft	Lft	Each	Each	Each
Line "A"																				
Sta. 82+95.68 to Sta. 86+16.09	399	966	648										109	31	98	88		2		
Sta. 87+35.77 to Sta. 92+29.35	494	1,313	1,186										103	27	70	98		2	5	
Line "S"																				
Sta. 197+00.00 to 203+15.00	1,006	1,113	383										135	38	102	814		6	4	
													125	37						
Total	1,899	3,392	2,217	0	0	0	0	0	0	0	0	0	472	133	270	1,000	0	10	9	0

SHEET SIGN & POST SUMMARY

SIGN								POST												
								U CHANNEL				2 1/2" X 2 1/2" - 12 GA. (TYPE 3)			2" X 2" - 12 GA. (TYPE 2)			2 1/4" X 2 1/4" - 12 GA. (TYPE 1)		
					GROUND - MOUNTED SIGN AREA (ft²)			POST LENGTH		POST LENGTH		REINFORCED ANCHOR			REINFORCED ANCHOR			REINFORCED ANCHOR		
PLAN / LINE	SIGN LOCATION (STA.)	OFFSET (FT.)	SIGN CODE	SIGN SIZE (WIDTH IN x HEIGHT IN)	0.080"	0.100"	0.125"	1	2	TYPE "A"	TYPE "B"	POST LENGTH (FT.)			POST LENGTH (FT.)			POST LENGTH (FT.)		REMARKS
								FT.	FT.	FT.	FT.	1	2	TOTAL	1	2	TOTAL	1	TOTAL	
OVERHEAD SIGNS																				
			R3-5L x4	30 x 36	30															
			R3-5R x2	30 x 36	15															
			R10-5Ya x4	30 x 36	30															
			R10-11A	30 x 36	8															
	NB Span		"SR 46"	66 x 18		9														
	EB Span		"Smith Rd"	72 x 18		8														
	SB Span		"SR 46"	66 x 18		9														
	WB Span		"Smith Rd"	72 x 18		8														
GROUND MOUNTED SIGNS																				
Line "A"	84+35.00	20 (L)	RS-031	24 x 24	Ex.					6										Existing Sign Panel
	85+38.50	30 (L)	R1-1	30 x 30	Ex.					6										Existing Sign Panel
	85+38.50	30 (L)	R5-2	24 x 24	4															
	85+60.00	22 (R)	RS-031	24 x 24	Ex.					6										Existing Sign Panel
	86+19.00	77(R)	M3-1	12 x 9	Ex.					6										Existing Sign Panel
	86+19.00	77(R)	M1-5	12 x 9	Ex.															Existing Sign Panel
	87+85.00	22 (L)	D11-1	24 x 18	Ex.					6										Existing Sign Panel
	87+85.00	22 (L)	M6-3	12 x 9	Ex.															Existing Sign Panel
	88+10.00	22 (L)	R7-2A	12 x 18	Ex.					6										Existing Sign Panel
	88+15.00	35 (R)	R2-1	24 x 30	Ex.					6										Existing Sign Panel
	88+15.00	35 (R)	R7-1	12 x 18	1.5															
	90+55.00	22 (L)	R7-1	12 x 18	Ex.					6										Existing Sign Panel
	90+60.00	35 (R)	R7-1	12 x 18	Ex.					6										Existing Sign Panel
Line "S"																				
	195+95.00	5 (R)	R3-20R	24 x 36	Ex.					6										Existing Sign Panel
	197+12.00	7 (R)	R3-7R	30 x 30	Ex.					6										Existing Sign Panel
Total					89	34	0			66				0			0		0	



RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023

CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGN SHEET SUMMARY TABLES

SCALE	BRIDGE FILE
	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS		
Electronic	71	of	108
CONTRACT	PROJECT		
R-41465	1800208		

Plot$PLOT_DATE$_$PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Sheets\Sht_Table_PmvtMk_Sign.dgn
Model:$MODEL_NAME$

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	COVER		FLOW LINE		SUMP DEPTH	TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1	UNDERCUT		REVETMENT RIPRAP	PIPE, REMOVE	EXCAVATION, ROCK	END SECTION	CONNECT TO STR.	REMARKS
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE				MIN	MAX	UP STREAM	DOWN STREAM								EXCAVATION	SUBGRADE TREATMENT, TYPE ID					
					FT	IN.			LFT	LFT		FT	FT	ELEV.	ELEV.	IN.	ELEV.	YRS				CYS	CYS.	TONS	TON	LFT	CYS	EA		
	Line "A"																												
100	87+00.00		X		60.5	12	2	Inlet, B5	8	8		2.1	3.3	833.93	833.62		837.25	75		7	1	4.467	0.42				0.3		9026	No Curb Box, Water Main Quality Pipe
101	87+12.00		X		36.2	2.3' X 3.5' Elliptical	2	Manhole, Type K, Modified	58	58		1.1	1.1	833.35	833.04		837	75		7	1	31.12	4.58				4.63		499	Inlet 15 Casting, Water Main Quality Pipe, Inspection Hole Required
102	87+24.00		X		26.7	12	2	Inlet, C5	11.5	11.5		2.1	2.4	833.44	833.39		836.76	75		7	1	5.496	0.603				0.43		101	No Curb Box
103	87+48.00		X		22.7	12	2	Inlet, B15	20	20		1.6	2.1	833.6	833.5		836.38	75		7	1	8.078	1.049				0.74		102	
104	87+67.00			X	23.5	18	2	Inlet, B15	42	42		1	1.1	833.58	833.47		836.26	75		7	1	15.9	2.657				1.94		405	Water Main Quality Pipe, Inspection Hole Required
105	87+85.00			X	24.4	18	2	Inlet, C15	41	41		1.4	1.4	834	833.83		837.07	75		7	1	18.14	2.594				1.9		407	Water Main Quality Pipe, Inspection Hole Required
106	88+25.00		X		19.2	12	2	Inlet, C15	46.5	46.5		1.7	1.9	834.86	834.19		837.93	75		7	1	18.44	2.44				1.72		105	
107	88+75.00		X		18.8	12	2	Inlet, C15	50.5	50.5		1.9	2.3	835.24	834.87		838.76	75		7	1	22.64	2.65				1.87		106	
108	89+29.00		X		18.8	12	2	Inlet, C15	39	39		2.3	2.8	835.53	835.25		839.5	75		7	1	20.49	2.046						107	
109	89+71.00		X		19.6	12	2	Inlet, C15	39.5	39.5		2.8	3.3	835.8	835.54		840.27	75		7	1	24.14	2.073						108	
110	90+15.00		X		17.5	12	2	Inlet, B15	56.5	56.5		3.3	4.2	836.15	835.81		841.52	75		7	1	42.09	2.965						109	
199	86+40.00			X	19.7	24	2	Manhole, Type C4	50.5	50.5		2.3	2.6	832.15	832		836.93	75		7	1	40.33	3.741						300	
200	86+31.00		X		66	Ex. 15" HDPE	EX	Inlet, C15	43.5	43.5		2.2	2.5	833.57	832.94		837.22	EX		EX	NA	NA	NA						199	Structure to be cast/placed into existing pipe.
201	86+36.00		X		24.8	15	2	Manhole, Type C4	8.5	8.5		2.1	2.5	833.2	832.95		836.73	75		7	1	4.686	0.492						199	Inspection Hole Required
202	86+18.00		X		37.1	12	2	Inlet, B15	14	14		1.9	2.3	833.33	833.2		836.46	75		7	1	6.371	0.735						201	
203	85+97.50		X		22.1	15	2	Manhole, Type J Modified	27.5	27.5		1.4	2.1	833.78	833.2		836.68	75		7	1	12.46	1.59						201	Inlet 15 Casting
204	85+98.00			X	19.4	12	2	Inlet, B15	42	42		1.6	1.8	834.4	833.87		837.4	75		7	1	16.19	2.2						203	
206	84+90.00		X		18.6	EX. 12" HDPE	EX	Manhole, Type D4 Modified	51	51		1.8	2.5	837.28	835.59		841.03	EX		EX	NA	NA	NA						9046	Inlet 15 Casting
205	85+75.00		X		18.8	12	2	Inlet, C15	17.5	17.5		1.6	1.8	834.45	833.87		837.48	75		7	1	6.79	0.92						203	
207	84+68.00	X			18.5	12	2	Inlet, C15	37	37		1.7	2.5	838.75	837.28		842	75		7	1	16.74	1.944						9049	
208	83+96.00	X			14.2	12	2	Inlet, B15	68.5	68.5		1.8	4.5	839.25	838.95		844.96	75		7	1	43.96	3.594						207	
300	86+50.00	X			33.4	36	2	Manhole, Type D4 Modified	102	102		1.6	1.9	831.75	831.34		836.53	75		7	1	107.2	11.08						299	Reduced Stack Height
301	86+44.00	X			33	12	2	Inlet, B15	8.5	8.5		2.7	2.8	832.61	832.52		836.52	75		7	1	4.799	0.446						300	
400	87+15.00	X			47.9	EX. 2.3' X 3.5' Elliptical	EX	Manhole, Type D4 Modified	137	136.5		1	1.3	832.72	832		836.72	EX		EX	NA	NA	NA						9025	Reduced Stack Height, use existing pipe downstream of 9017
401	87+25.00	X			47.8	12	2	Inlet, C15	5	5		1.3	1.5	832.8	832.72		836.44	75		7	1	2.79	0.26				0.19		400	
402	87+32.00	X			35	12	2	Inlet, B5	11	11		2.2	2.4	832.98	832.8		836.35	75		7	1	5.332	0.577				0.41		401	No Curb Box
403	87+50.00	X			24.5	30	2	Manhole, Type J Modified	29	29		0.7	1	833.01	832.96		836.39	75		7	1	17.22	2.65				1.26		499	Inlet 15 Casting, Water Main Quality Pipe
404	87+64.00	X			25.9	30	2	Manhole, Type D4 Modified	12	12		0.7	1.1	833.1	833.03		836.87	75		7	1	7.262	1.096				0.78		403	Reduced Stack Height, Water Main Quality Pipe
405	87+64.00	X			20.8	18	2	Inlet, C15	2	2		1.5	2.1	833.13	833.11		836.31	75		7	1	1.028	0.127				0.09		404	Water Main Quality Pipe
406	88+25.00	X			25.1	30	2	Manhole, Type D4 Modified	57	57		1	1	833.75	833.14		837.5	75		7	1	37.02	5.207				3.69		404	Reduced Stack Height, Water Main Quality Pipe

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

SCALE	BRIDGE FILE
	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	72 of 108
CONTRACT	PROJECT
R-41465	1800208

PLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Sheets\Sht_Str_Data.dgn
Model:$MODEL_NAME$

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	COVER		FLOW LINE		SUMP DEPTH	TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1	UNDERCUT		REVETMENT RIPRAP	PIPE, REMOVE	EXCAVATION, ROCK	END SECTION	CONNECT TO STR.	REMARKS
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE				MIN	MAX	UP STREAM	DOWN STREAM								EXCAVATION	SUBGRADE TREATMENT, TYPE ID						
					FT	IN.			LFT	LFT		FT	FT	ELEV.	ELEV.	IN.	ELEV.	YRS				CYS	CYS.	TONS	TON	LFT	CYS	EA		
	Line "A"																													
407	88+25.00	X			18.3	18	2	Inlet, C15	3	3		1.4	2	833.83	833.81		836.94	75		7	1	1.502	0.19				0.14		406	Water Main Quality Pipe
408	88+80.00	X			25.1	30	2	Manhole, Type D4 Modified	50.5	50.5		1	1.7	833.95	833.8		838.35	75		7	1	36.84	4.614				3.27		406	Reduced Stack Height, Water Main Quality Pipe
409	88+80.00	X			19.1	12	2	Inlet, B15	2.5	2.5		2.6	3.1	834.09	834.03		837.86	75		7	1	1.451	0.131				0.09		408	Water Main Quality Pipe
410	89+46.00	X			25.1	30	2	Manhole, Type D4 Modified	61	61		1.7	2.9	834.09	833.99		839.65	75		7	1	59.45	5.573				3.95		408	Reduced Stack Height
411	89+46.00	X			18.8	12	2	Inlet, B15	2	2		3.8	4.3	834.12	834.11		839.08	75		7	1	1.625	0.105				0.07		410	Water Main Quality Pipe
412	89+71.00	X			19	30	2	Manhole, Type D4 Modified	21	21		2.2	2.8	834.53	834.17		839.44	75		7	1	21.85	1.919						410	Inlet 15 Casting, Water Main Quality Pipe
413	90+15.00	X			19.1	EX. 30" RCP	EX	Manhole, Type D4 Modified	40.5	40.5		2	2.1	835.3	834.61		839.95	EX		EX	NA	NA	NA						412	Inlet 15 Casting, Ex. Pipe to be used (Str. 9011)
414	90+69.00	X			18.7	EX. 30" RCP	EX	Manhole, Type D4 Modified	49.5	49.5		1.9	2.1	836.23	835.38		841.07	EX		EX	NA	NA	NA						413	Inlet 15 Casting, Ex. Pipe to be used (Str. 9011)
415	91+40.00	X			23.5	EX. 30" RCP	EX	Manhole, Type F Modified	67.5	67.5		2.1	3.8	837.45	836.28		843.99	EX		EX	NA	NA	NA						414	Inlet 15 Casting, Ex. Pipe to be used (Str. 9011)
416	92+25.00	X			23.5	12	2	Manhole, Type D4	81	81		3.8	7.3	839.3	838.95		847.82	75		7	1	92.9	4.25						415	
417	92+25.00	X			13.8	12	2	Inlet, B15	6.5	6.5		6.6	7.3	839.38	839.35		847.17	75		7	1	9.613	0.341						416	Water Main Quality Pipe
499	87+15.50	X			27.73	2.3' X 3.5' Elliptical	2	Manhole, Type D4 Modified	15	15		1.1	1.4	832.95	832.85		836.74	75		7	1	8.64	1.19				1.79		400	Reduced Stack Height, Water Main Quality Pipe
9026	87+12.00		X		64.8	EX. 2.3' X 3.5' Elliptical	EX	Manhole	28.5	28.5		1.1	2.1	833.58	833.4		838.15	EX		EX	NA	NA	NA			64			101	Adjust to Grade, Ex. Pipe to end at Str. 101
9029	86+68.00		X		242.5	EX. 15" HDPE	EX	Manhole	182	182		1.7	3.2	836.59	833.73		839.5	EX		EX	NA	NA	NA						9026	To Remain
9032	85+62.00		X		282.1	EX. 15" HDPE	EX	Manhole	224	223.5		1.5	2	837.45	833.77		840.36	EX		EX	NA	NA	NA						200	To Remain, Ex. Pipe to be cast into Str. 200
9045	85+42.00		X		62.6	EX. 12" HDPE	EX	Curb Inlet	42	42		1.8	1.9	836.61	835.54		839.74	EX		EX	NA	NA	NA						9046	To Remain
9046	85+42.00		X		21	12	2	Manhole	32.5	32.5		1.7	2.1	835.29	834.54		838.58	75		7	1	13.63	1.705						205	Adjust to Grade, Pipe Replacement
9048	84+78.00		X		38.7	EX. 12" HDPE	EX	Drop Inlet	22.5	22.5		1.9	2.5	837.33	837.3		840.44	EX		EX	NA	NA	NA						206	To Remain
9103	91+41.00			X	17	EX. 24" RCP	EX	Curb Inlet	33.5	33.5		1.7	2	839.67	839.19		843.56	EX		EX	NA	NA	NA						415	To Remain, Ex Pipe to be cast into Str. 415 using Pipe Connection Collar and Pad
	Line "S"																													
299	198+75.00		X		8.3	36	2	Manhole, Type J Modified	67	67		1.9	2.6	831.34	831.06		836.43	75		7	1	81.07	7.279						9042	Inlet 15 Casting, Water Main Quality Pipe
198	197+30.27		X		4.44	12	2	Inlet, A2	15.5	15.5		0.5	1.7	834.27	832.6		836.02	75		7	1	4.586	0.813		1.3				DITCH	
9022	197+22.00	X			55	EX. 15" RCP	EX	Manhole	92	92		0.8	1.3	834.25	833.94		836.24	EX		EX	NA	NA	NA						9025	To Remain
9023	198+68.00	X			69.46	EX. 15" RCP	EX	Inlet	14	14		1.5	1.5	833.13	833		835.28	EX		EX	NA	NA	NA							To Remain
9025	198+14.00	X			62.16	EX. 2.3'X7.5' Box Culvert	EX	Manhole	75.5	75.5		1.5	2.6	831.75	831.08		836.47	EX		EX	NA	NA	NA						9042	To Remain
9042	198+04.00		X		11.64	EX. 30" X 46" Elliptical	EX	Manhole	39.5	39.5		-0.6	3.8	831.31	830.88		836.84	EX		EX	NA	NA	NA			11.3		EX.	DITCH	Adjust to Grade, See Restrictor Plate Detail

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

SCALE	BRIDGE FILE
	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS		
Electronic	73	of	108
CONTRACT	PROJECT		
R-41465	1800208		

PLOTDATE$ PLOTTIME$ AM_PM

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Model:$MODEL_NAME$

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	COVER		FLOW LINE		SUMP DEPTH	TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1	UNDERCUT		REVETMENT RIPRAP	PIPE, REMOVE	EXCAVATION, ROCK	END SECTION	CONNECT TO STR.	REMARKS
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE				MIN	MAX	UP STREAM	DOWN STREAM								EXCAVATION	SUBGRADE TREATMENT, TYPE ID					
					FT	IN.			LFT	LFT		FT	FT	ELEV.	ELEV.	IN.	ELEV.	YRS				CYS	CYS.	TONS	TON	LFT	CYS	EA		
	Removals																													
	Line "A"																													
9049	84+80.00			X	14.1	EX. 12" HDPE	EX	Inlet, Remove																		32			NA	
9047	84+90.00		X		15	EX. 12" HDPE	EX	Inlet, Remove																					NA	
9035	86+40.00		X		25	15	EX	Inlet, Remove																		11			NA	
9036	86+40.00		X		20	15	EX	Manhole, Remove																		232			NA	
9027	87+04.00		X		70	15	EX	Inlet, Remove																		11			NA	
9017	87+13.00	X			28	2.3 ft x 3.5 ft Elliptical	EX	Manhole, Remove																		27			NA	Str. 400 to use remaining Ex. P9017 as downstream.
9015	87+64.00	X			15.5	12	EX	Inlet, Remove																		8.5			NA	
9016	87+64.00		X		14.5	12	EX	Inlet, Remove																		30			NA	
9014	88+75.00		X		14.5	12	EX	Inlet, Remove																		30			NA	
9013	88+75.00	X			15.5	12	EX	Inlet, Remove																		7.5			NA	
9012	88+75.00	X			21.5	30	EX	Manhole, Remove																		176			NA	
9104	91+40.00	X			15.5	24	EX	Inlet, Remove																		8			NA	
9011	91+40.00	X			23.5	24	EX	Manhole, Remove																		255			NA	
	Line "S"																													
9041	198+75.00		X		7.5	15	EX	Inlet, Remove																		6			NA	
	Note: Partial Pipe Removal req'd for Str. 9026. See previous Structure Data Sheet for details.																													

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

SCALE	BRIDGE FILE
	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	74 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM
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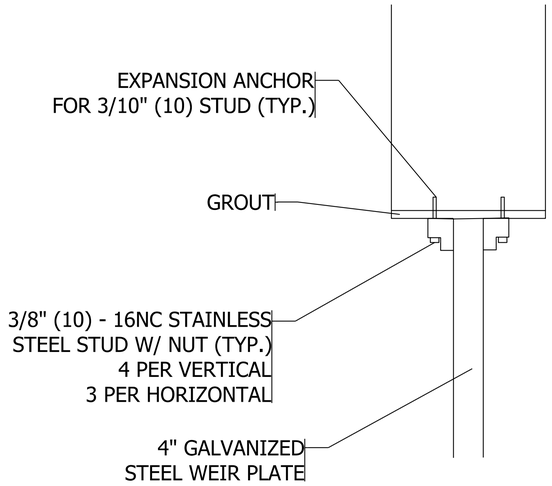
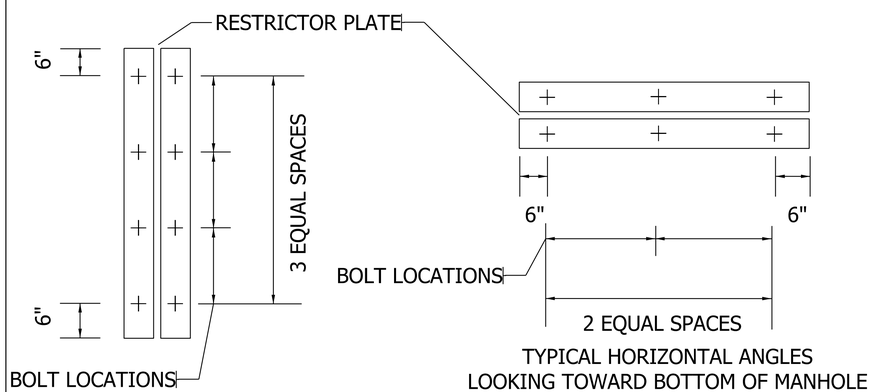


ANGLE FASTENER DETAIL

NOTES:

1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
2. ALL RESTRICTOR PLATES, ANGLES, AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.



TYPICAL VERTICAL ANGLES
LOOKING TOWARD WALL OF MANHOLE

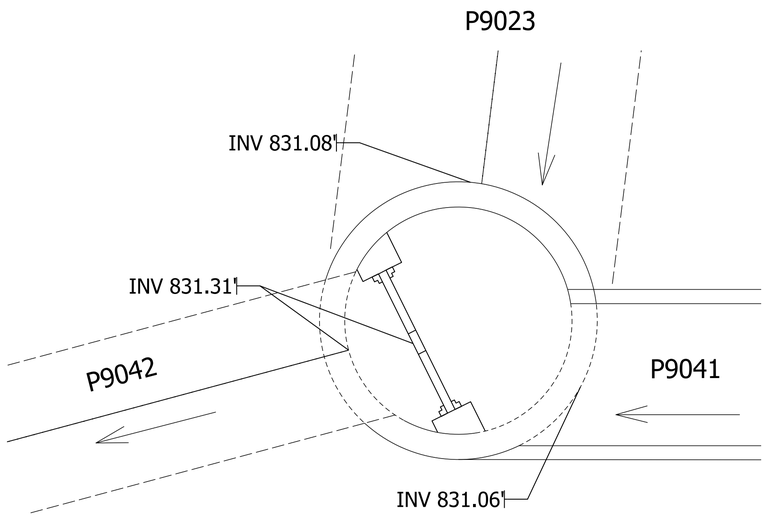
TYPICAL HORIZONTAL ANGLES
LOOKING TOWARD BOTTOM OF MANHOLE

TOTAL BOLTS REQUIRED: 22

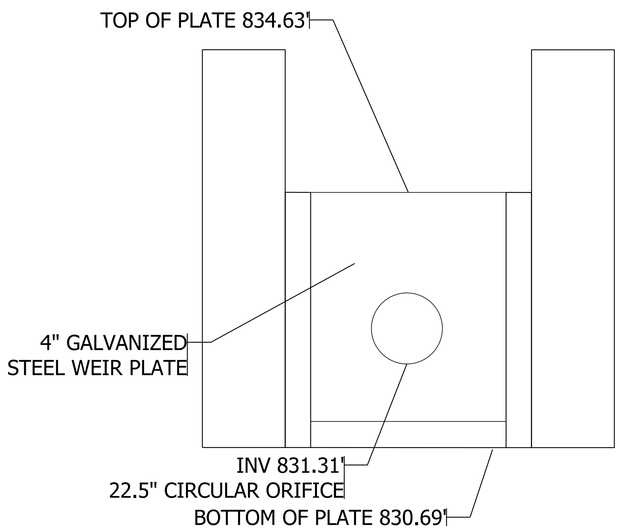
STEEL ANGLE BOLTING DETAIL

NOTES:

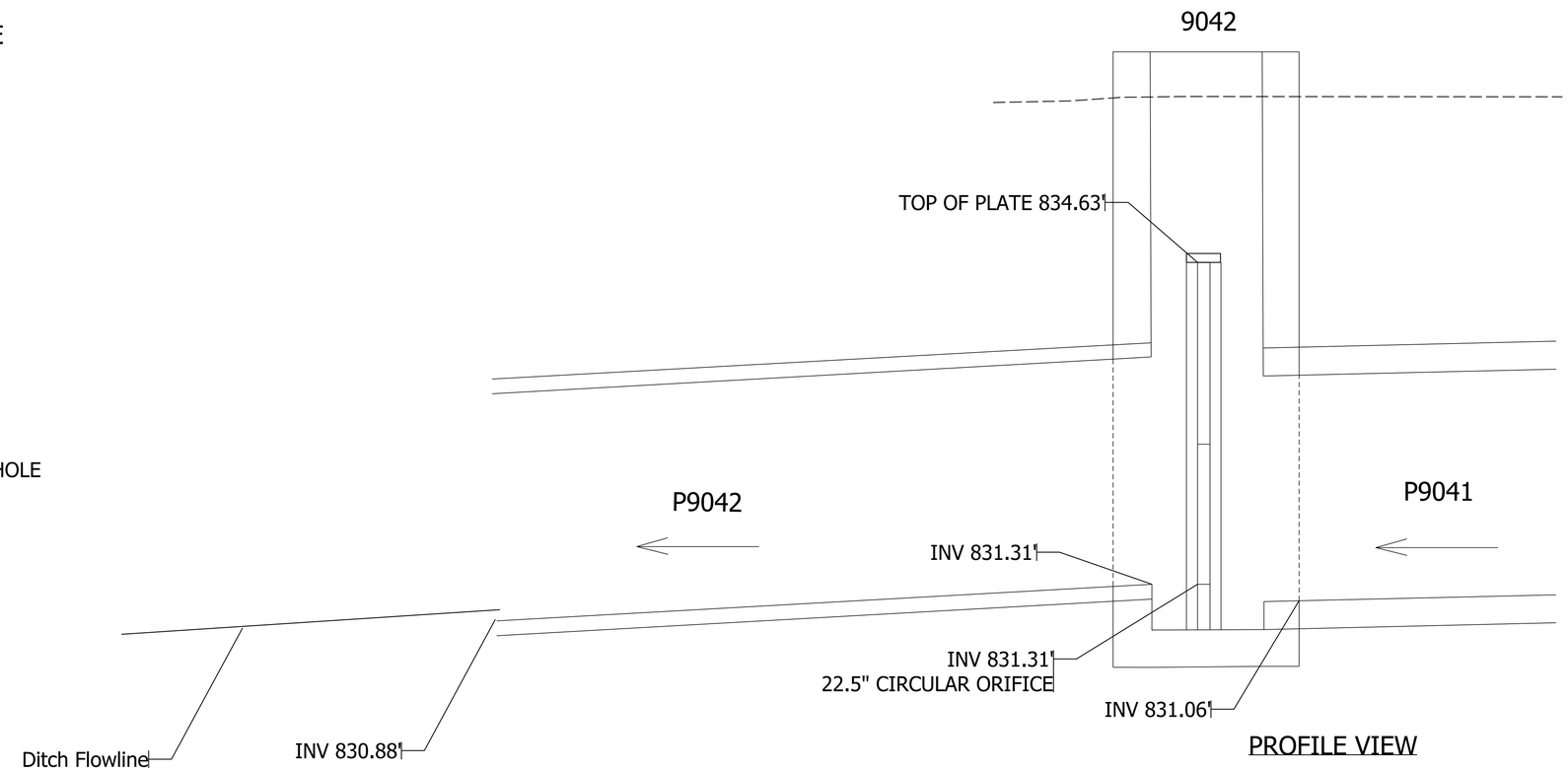
1. ANGLES SHOULD BE 3x3x3/8 (175x75x75).
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.



PLAN VIEW



FRONT VIEW



PROFILE VIEW

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023 DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION	
DESIGNED: CMP 3/10/2023	DRAWN: CMP 3/10/2023	RESTRICTOR PLATE DETAIL	
CHECKED: KLT 3/10/2023	CHECKED: KLT 3/10/2023		

SCALE	BRIDGE FILE
	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	75 of 108
CONTRACT	PROJECT
R-41465	1800208

PlotPLOT_DATE$ PLOT_TIME$ AM_PM

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	STRUCTURE NUMBER		**400**	**401**	**402**	**403**	**404**	**405**	**406**	**407**	**408**	**409**	**410**	**411**	**412**	**413**	**414**	**415**	**416**	**417**	**418**	**499**	**198**
	PIPE TYPE / SHAPE (CIR or DEF)		2/DEF	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/DEF	2/CIR
INT. DES.	SMOOTH PIPE SIZE		6.2	12	12	30	30	18	30	18	30	12	30	30	30	30	30	30	12	12	12	6.2	12
	CORRUGATED PIPE SIZE																						
	SEMI-SMOOTH PIPE SIZE																						
CONC.	RCP/RCHEP (S)	CLASS	HE-1	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	HE-1	II
		$D_{0.01}$ RATING	800	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	800	1000
PLASTIC PIPE	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)			X	X			X		X		X		X	X	X		X	X	X	X		X
	CORRUGATED PE PIPE, TYPE S (S)*			X	X			X				X		X	X	X			X	X	X		
	PROFILE WALL (RIBBED) PE PIPE (S)*							X						X	X	X							
	PROFILE WALL (CLOSED) PE PIPE (S)*							X															
	SMOOTH WALL PE PIPE (S)* / MAXIMUM DR			26	26			26				26		26	26	26			26	26	26		
	CORRUGATED PP PIPE (S)			X	X			X				X							X	X	X		
	PROFILE WALL PVC PIPE (S)			X	X			X				X		X	X	X			X	X	X		
	SMOOTH WALL PVC PIPE (S)*			X	X			X											X	X	X		
CLAY	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)			X	X			X		X		X	X	X	X	X	X	X	X	X	X		X
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)	CORR.PROFILE																					
		THICKNESS																					
	ZINC COATED (C)	CORR. PROFILE																					
		THICKNESS																					
	ZINC COATED W/ BPI (C)	CORR. PROFILE																					
		THICKNESS																					
	ALUM. COATED TYPE 2 (C)	CORR. PROFILE																					
		THICKNESS																					
	POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE																					
		THICKNESS																					
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	CORR. PROFILE																					
		THICKNESS																					
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY (C)	CORR. PROFILE																					
		THICKNESS																					
	CORRUGATED ALUM. ALLOY W/ BPI (C)	CORR. PROFILE																					
		THICKNESS																					
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)	RIB PROFILE																					
		THICKNESS																					
	ZINC COATED W/ BPI (SS)	RIB PROFILE																					
		THICKNESS																					
	ALUM. COATED TYPE 2 (SS)	RIB PROFILE																					
		THICKNESS																					
	POLYMER PRECOATED GALVANIZED (SS)	RIB PROFILE																					
		THICKNESS																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)	CORR. PROFILE																					
		THICKNESS																					
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)	CORR. PROFILE																					
		THICKNESS																					
	STR. PLATE STEEL (C)	CORR. PROFILE																					
		THICKNESS **																					
	STR. PLATE STEEL W/ CFP (C)	CORR. PROFILE																					
		THICKNESS **																					

	STRUCTURE NUMBER		**100**	**102**	**103**	**104**	**105**	**106**	**107**	**108**	**109**	**110**	**199**	**201**	**202**	**203**	**204**	**205**	**206**	**207**	**299**	**300**	**301**
	PIPE TYPE / SHAPE (CIR or DEF)		2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/CIR	2/DEF	2/CIR
INT. DES.	SMOOTH PIPE SIZE		12	12	12	18	18	12	12	12	12	12	30	15	12	15	12	12	12	12	12	6.2	12
	CORRUGATED PIPE SIZE																						
	SEMI-SMOOTH PIPE SIZE																						
CONC.	RCP/RCHEP (S)	CLASS	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	HE-1	II
		$D_{0.01}$ RATING	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	800	1000
PLASTIC PIPE	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)		X	X	X					X	X	X	X	X	X	X	X	X	X		X		X
	CORRUGATED PE PIPE, TYPE S (S)*		X								X	X	X	X	X	X	X	X					X
	PROFILE WALL (RIBBED) PE PIPE (S)*												X										
	PROFILE WALL (CLOSED) PE PIPE (S)*												X										
	SMOOTH WALL PE PIPE (S)* / MAXIMUM DR		26.0								26	26	26	26	26	26	26	26.0					26
	CORRUGATED PP PIPE (S)		X								X	X		X	X	X	X	X					X
	PROFILE WALL PVC PIPE (S)		X								X	X	X	X	X	X	X	X					X
	SMOOTH WALL PVC PIPE (S)*		X								X	X	X	X	X	X	X	X					X
CLAY	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)		X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X		X
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)	CORR.PROFILE																					
		THICKNESS																					
	ZINC COATED (C)	CORR. PROFILE																					
		THICKNESS																					
	ZINC COATED W/ BPI (C)	CORR. PROFILE																					
		THICKNESS																					
	ALUM. COATED TYPE 2 (C)	CORR. PROFILE																					
		THICKNESS																					
	POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE																					
		THICKNESS																					
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	CORR. PROFILE																					
		THICKNESS																					
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY (C)	CORR. PROFILE																					
		THICKNESS																					
	CORRUGATED ALUM. ALLOY W/ BPI (C)	CORR. PROFILE																					
		THICKNESS																					
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)	RIB PROFILE																					
		THICKNESS																					
	ZINC COATED W/ BPI (SS)	RIB PROFILE																					
		THICKNESS																					
	ALUM. COATED TYPE 2 (SS)	RIB PROFILE																					
		THICKNESS																					
	POLYMER PRECOATED GALVANIZED (SS)	RIB PROFILE																					
		THICKNESS																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)	CORR. PROFILE																					
		THICKNESS																					
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)	CORR. PROFILE																					
		THICKNESS																					
	STR. PLATE STEEL (C)	CORR. PROFILE																					
		THICKNESS **																					
	STR. PLATE STEEL W/ CFP (C)	CORR. PROFILE																					
		THICKNESS **																					

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023

CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

PIPE MATERIAL TABLE

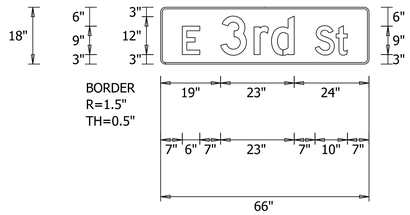
SCALE	BRIDGE FILE
	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	76 of 108
CONTRACT	PROJECT
R-41465	1800208

File: L:\INDOT\18070904-11\Draw\Sheets\Sht_PipeMaterial.dgn
Model:$MODEL_NAME$

SIGN DETAIL

1:30



SIGN NUMBER	D3-1(1)
WIDTH x HGHT.	5'-6" x 1'-6"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 12-9in_Overhead.ssi
M.U.T.C.D.: 2009 Edition

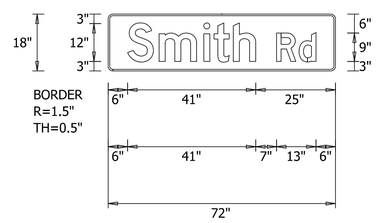
Panel Style: Street Name 12-9in_Overhead.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																				LENGTH	SERIES/SIZE
E																					D 2000
6.8																				5.6	9
3	r	d																			D 2000
19	29.6	35.1																		23.3	12/9
S	t																				D 2000
48.9	55.6																			10.3	9/6.8

SIGN DETAIL

1:30



SIGN NUMBER	D3-1(2)
WIDTH x HGHT.	6'-0" x 1'-6"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 12-9in_Overhead.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Street Name 12-9in_Overhead.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																				LENGTH	SERIES/SIZE
S	m	l	t	h																	D 2000
6.2	16.1	30.3	33.5	39.6																40.6	12/9
R	d																				D 2000
53.3	60.4																			12.5	9/6.8

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 | DRAWN: CMP 3/10/2023

CHECKED: KLT 3/10/2023 | CHECKED: KLT 3/10/2023

INDIANA DEPARTMENT OF TRANSPORTATION

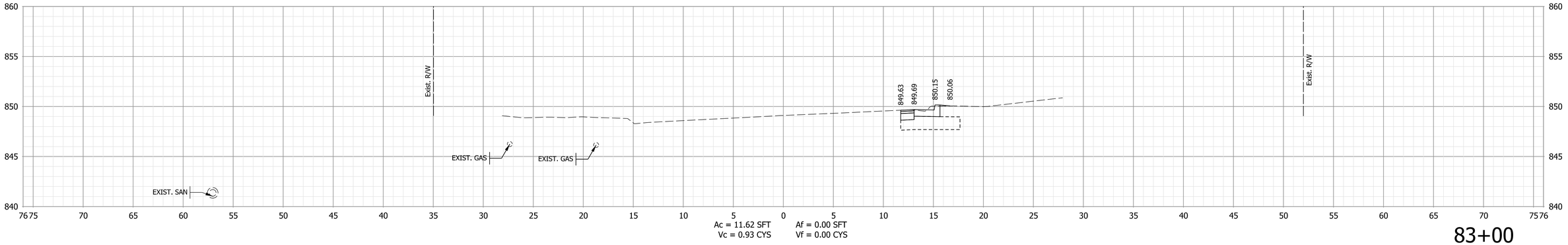
SIGN DETAILS

SCALE	BRIDGE FILE
N.T.S.	N/A
	DESIGNATION
	1800208

SURVEY BOOK	SHEETS
Electronic	77 of 108
CONTRACT	PROJECT
R-41465	1800208

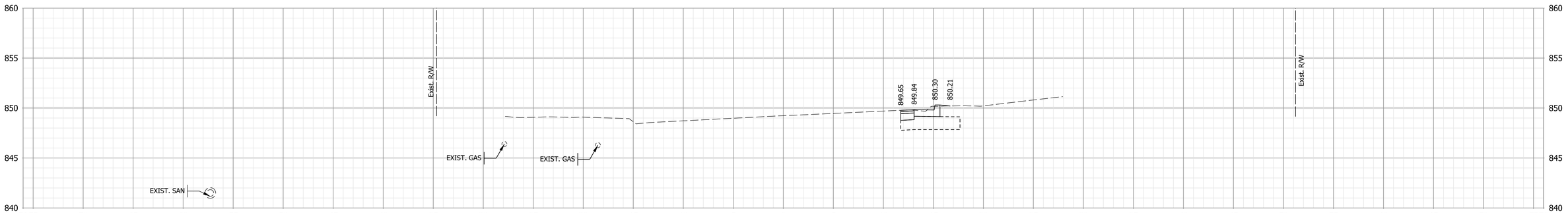
PLOTSCALE=1 PLOTDATE=$DATE$ PLOTTIME=$TIME$ AM_PM

L:\INDOT\18070904-11\Draw\Sheets\Sht_SignDetails.dgn



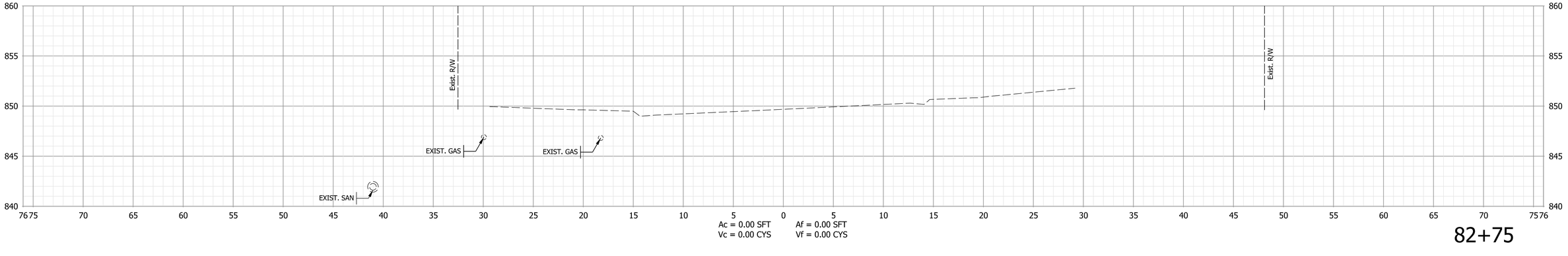
Ac = 11.62 SFT Af = 0.00 SFT
Vc = 0.93 CYS Vf = 0.00 CYS

83+00



Ac = 0.00 SFT Af = 0.00 SFT
Vc = 0.00 CYS Vf = 0.00 CYS

82+96



Ac = 0.00 SFT Af = 0.00 SFT
Vc = 0.00 CYS Vf = 0.00 CYS

82+75

STA. 82+75 TO STA. 83+00

Note:
1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	78 of 108
CONTRACT	PROJECT
R-41465	1800208

PLOTDATE=$$DATE$ $$TIME$ AM_PM
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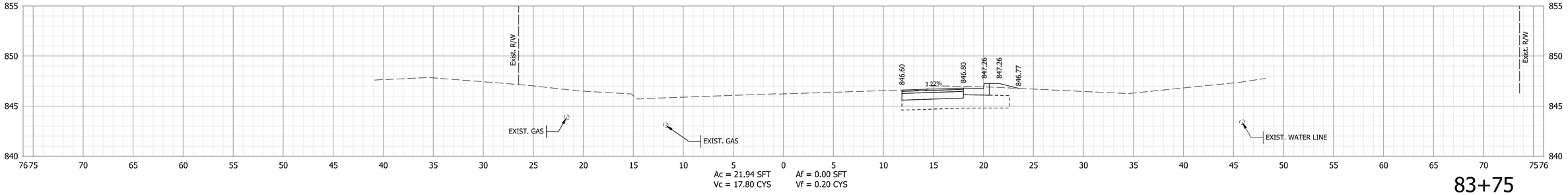
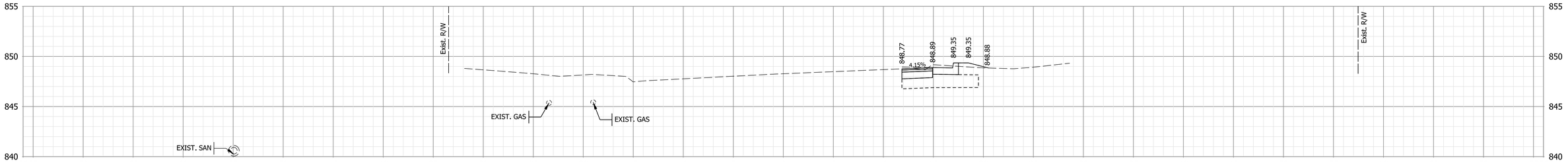


Ac = 21.94 SFT Af = 0.00 SFT
Vc = 17.80 CYS Vf = 0.20 CYS

83+75

Ac = 16.52 SFT Af = 0.43 SFT
Vc = 13.63 CYS Vf = 0.34 CYS

83+50



Ac = 12.92 SFT Af = 0.31 SFT
Vc = 11.36 CYS Vf = 0.14 CYS

83+25

STA. 83+25 TO STA. 83+75

Note:
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CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

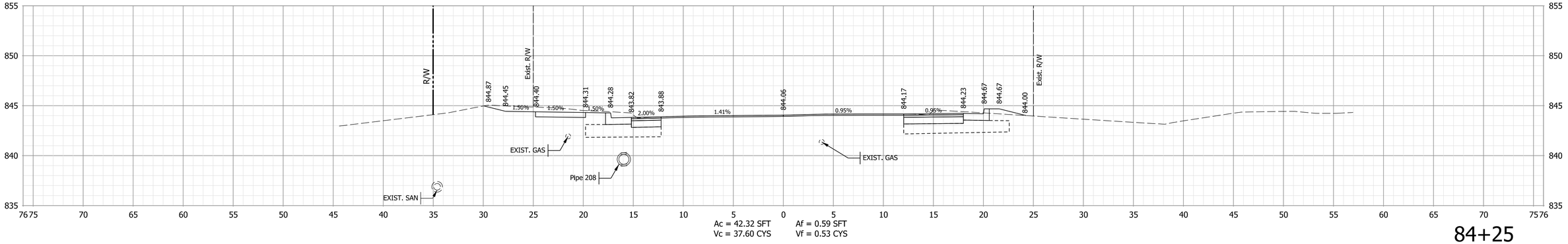
DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

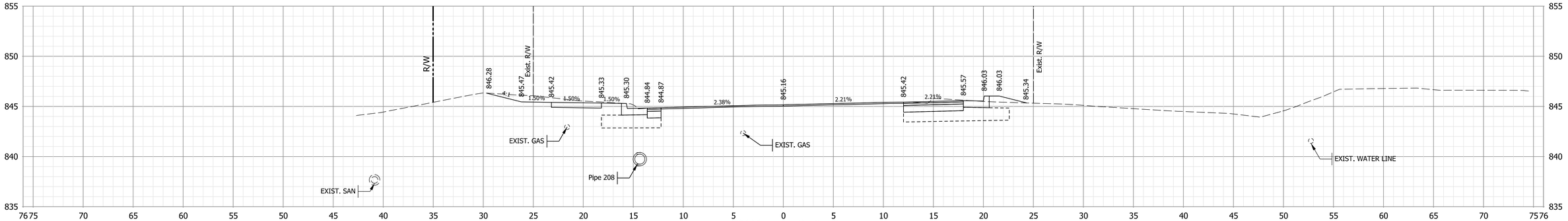
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	79 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model: $MODEL_NAME$



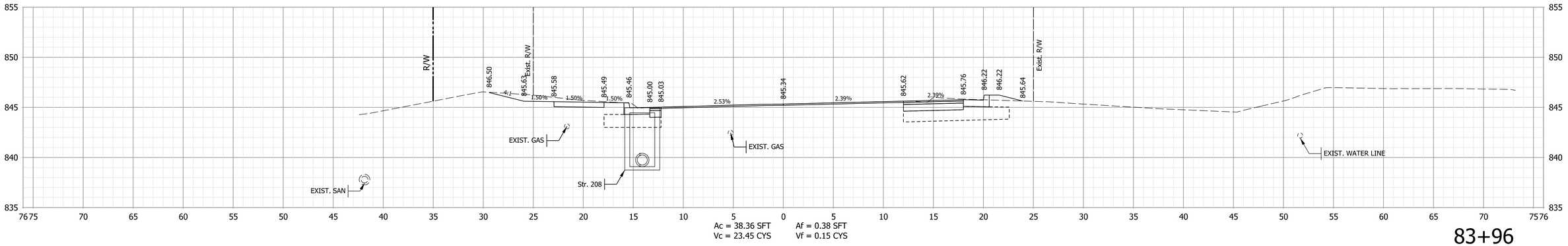
Ac = 42.32 SFT Af = 0.59 SFT
Vc = 37.60 CYS Vf = 0.53 CYS

84+25



Ac = 38.90 SFT Af = 0.57 SFT
Vc = 5.72 CYS Vf = 0.07 CYS

84+00



Ac = 38.36 SFT Af = 0.38 SFT
Vc = 23.45 CYS Vf = 0.15 CYS

83+96

STA. 83+96 TO STA. 84+25

Note:

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CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	80 of 108
CONTRACT	PROJECT
R-41465	1800208

PLOTSPLOT_DATE$ $PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
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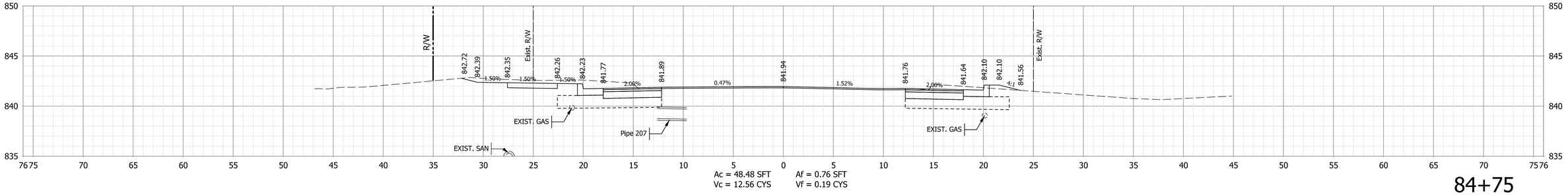
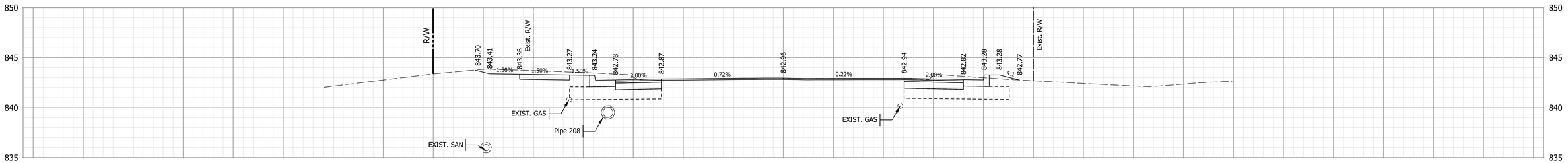


Ac = 48.48 SFT Af = 0.76 SFT
Vc = 12.56 CYS Vf = 0.19 CYS

84+75

Ac = 48.38 SFT Af = 0.74 SFT
Vc = 31.30 CYS Vf = 0.50 CYS

84+68



Ac = 45.53 SFT Af = 0.75 SFT
Vc = 40.67 CYS Vf = 0.62 CYS

84+50

STA. 84+50 TO STA. 84+75

Note:

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CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

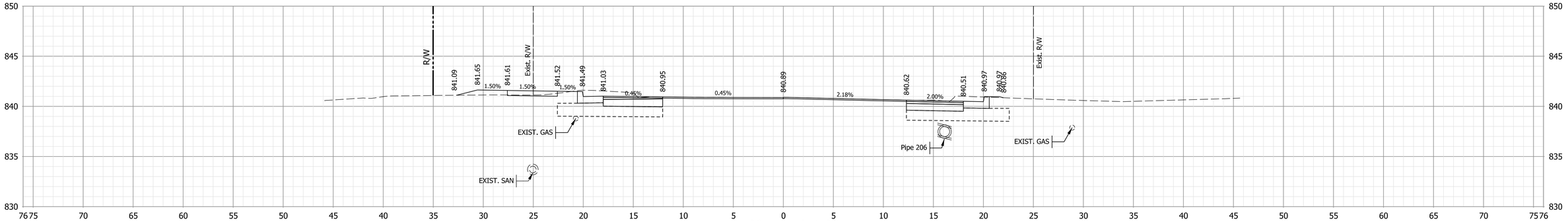
DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

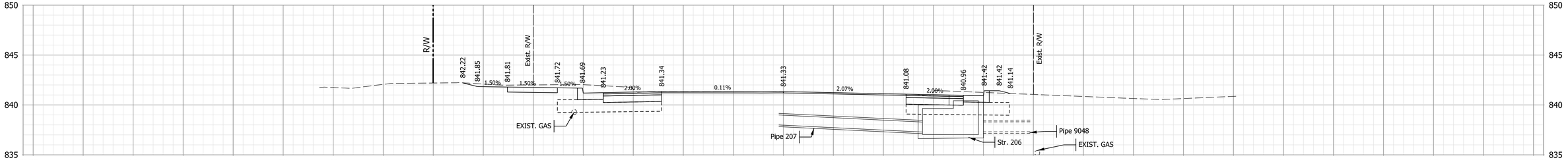
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	81 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model: $MODEL_NAME$



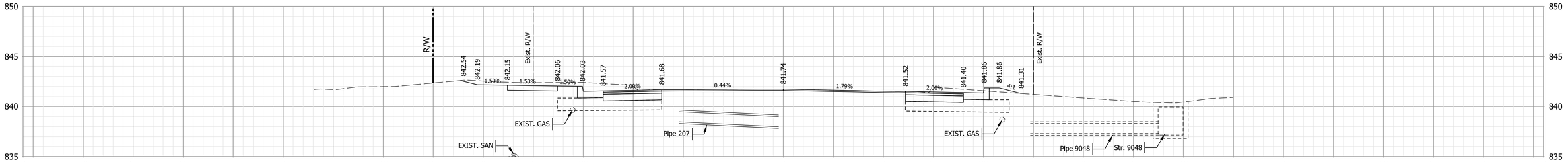
Ac = 45.52 SFT Af = 1.12 SFT
Vc = 17.22 CYS Vf = 0.27 CYS

85+00



Ac = 47.47 SFT Af = 0.34 SFT
Vc = 17.77 CYS Vf = 0.21 CYS

84+90



Ac = 48.50 SFT Af = 0.79 SFT
Vc = 8.98 CYS Vf = 0.14 CYS

84+80

STA. 84+80 TO STA. 85+00

Note:

1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

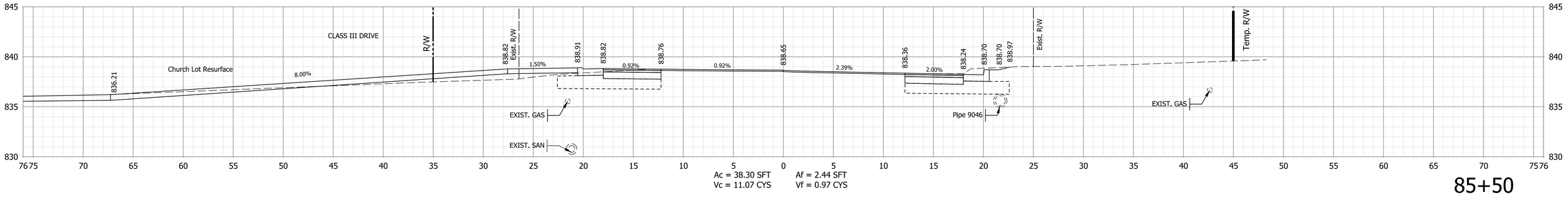
DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

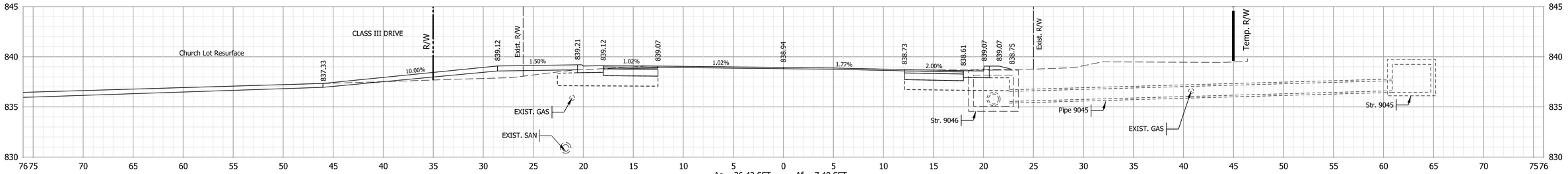
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	82 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: $PLOT_DATE$ $PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model: $MODEL_NAME$



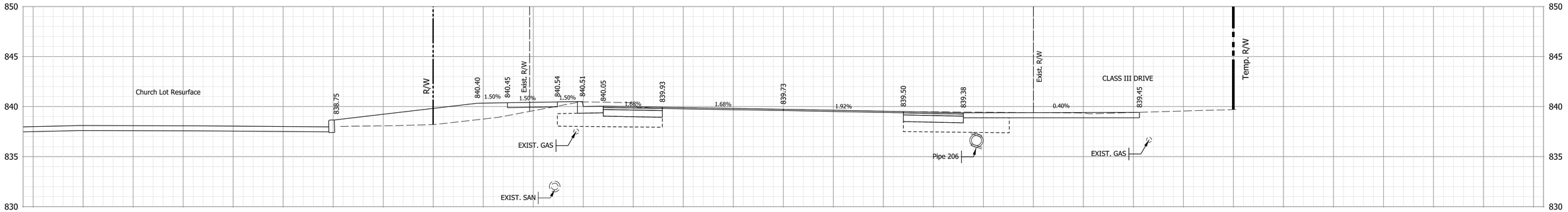
Ac = 38.30 SFT Af = 2.44 SFT
Vc = 11.07 CYS Vf = 0.97 CYS

85+50



Ac = 36.42 SFT Af = 7.40 SFT
Vc = 27.12 CYS Vf = 9.58 CYS

85+42



Ac = 49.74 SFT Af = 23.02 SFT
Vc = 44.10 CYS Vf = 11.18 CYS

85+25

STA. 85+25 TO STA. 85+50

Note:
1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 3/10/2023 DATE

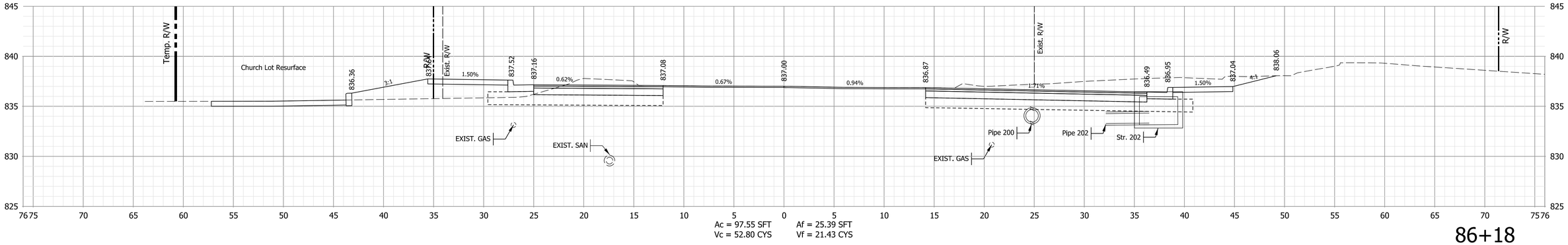
DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

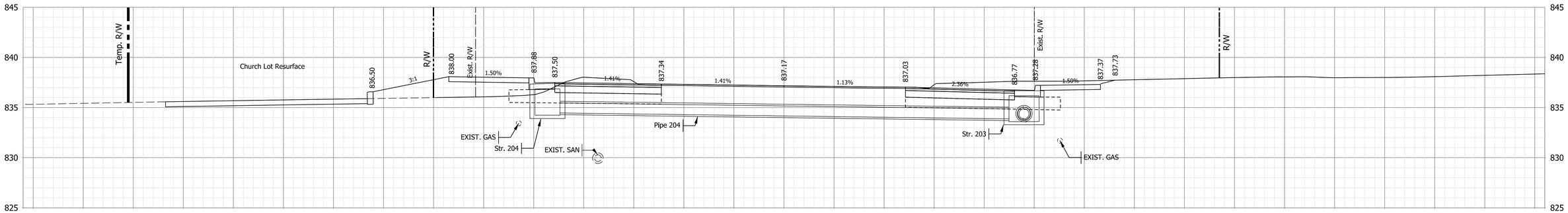
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	83 of 108
CONTRACT	PROJECT
R-41465	1800208

PLOTSCALE=1 PLOT_DATE=$DATE$ PLOT_TIME=$TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model:$MODEL_NAME$



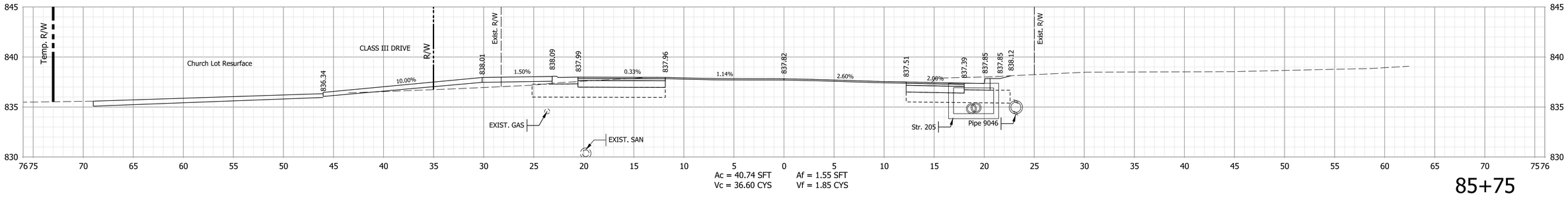
Ac = 97.55 SFT Af = 25.39 SFT
Vc = 52.80 CYS Vf = 21.43 CYS

86+18



Ac = 60.85 SFT Af = 38.90 SFT
Vc = 47.03 CYS Vf = 18.73 CYS

86+00



Ac = 40.74 SFT Af = 1.55 SFT
Vc = 36.60 CYS Vf = 1.85 CYS

85+75

STA. 85+75 TO STA. 86+18

Note:
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CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

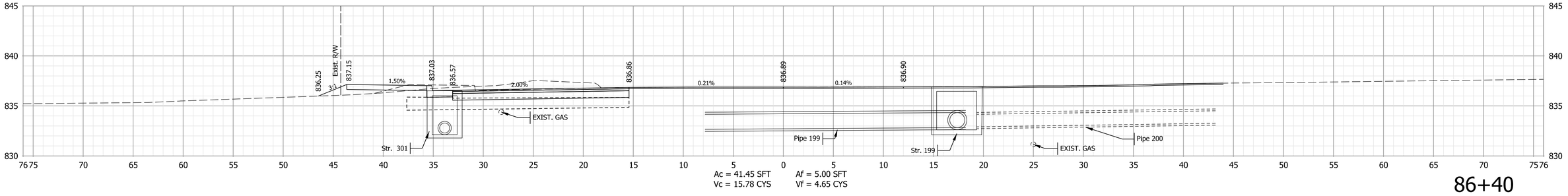
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208

SURVEY BOOK	SHEETS
Electronic	84 of 108
CONTRACT	PROJECT
R-41465	1800208

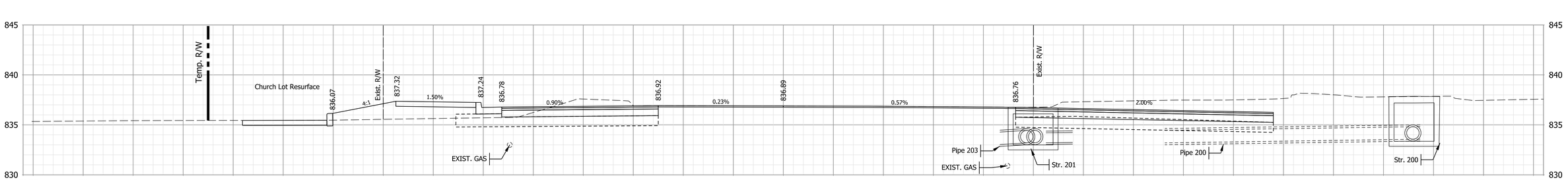
Plot: PLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model: $MODEL_NAME$



Ac = 41.45 SFT
Vc = 15.78 CYS

Af = 5.00 SFT
Vf = 4.65 CYS

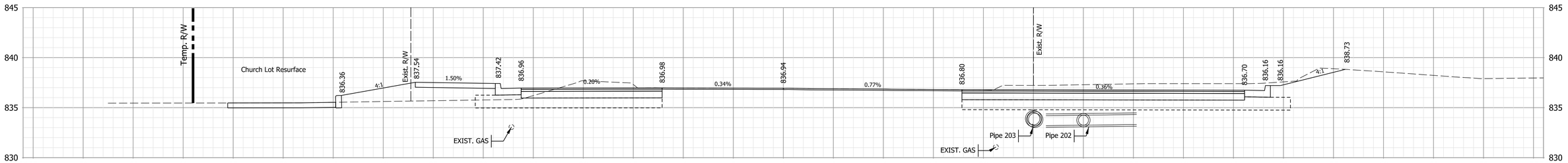
86+40



Ac = 53.25 SFT
Vc = 18.70 CYS

Af = 22.90 SFT
Vf = 5.25 CYS

86+31



Ac = 115.05 SFT
Vc = 27.56 CYS

Af = 24.39 SFT
Vf = 6.45 CYS

86+25

STA. 86+25 TO STA. 86+40

Note:

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CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

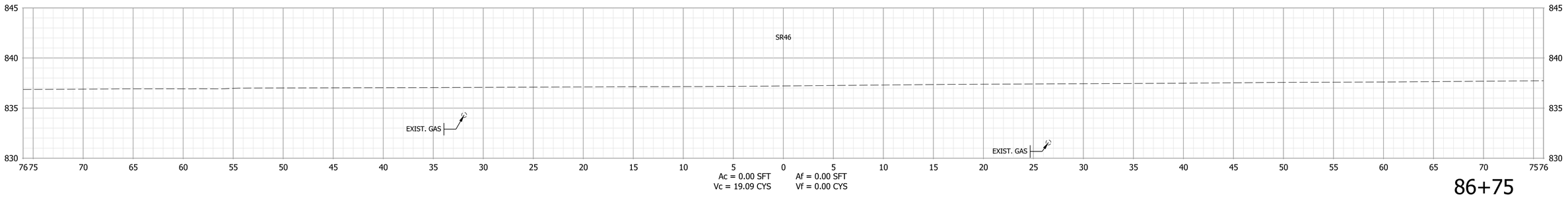
DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

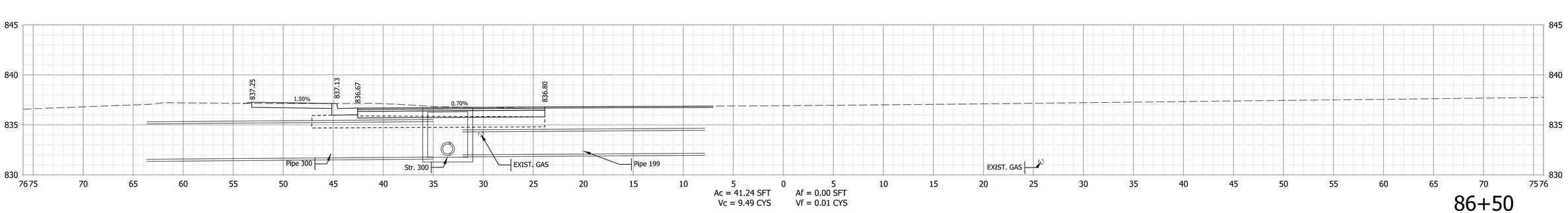
CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	85 of 108
CONTRACT	PROJECT
R-41465	1800208

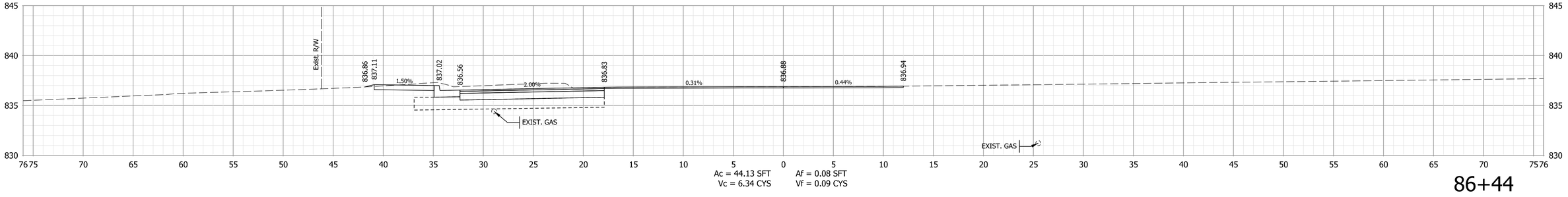
Plot: PLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model: $MODEL_NAME$



86+75



86+50



86+44

STA. 86+44 TO STA. 86+75

Note:

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CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

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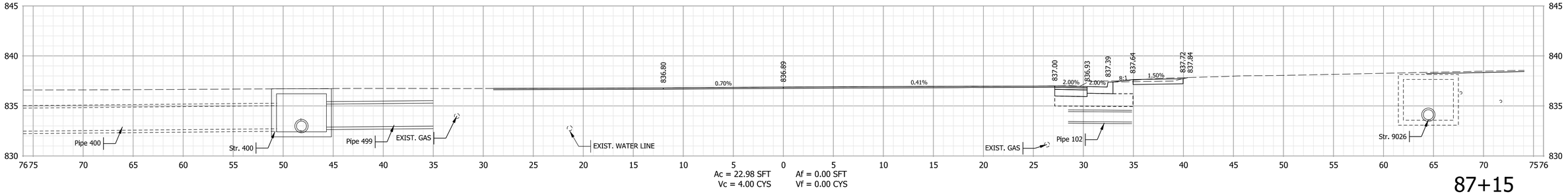
DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

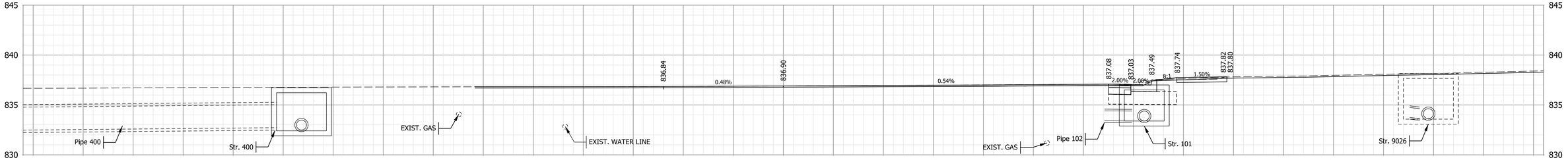
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	86 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model: $MODEL_NAME$



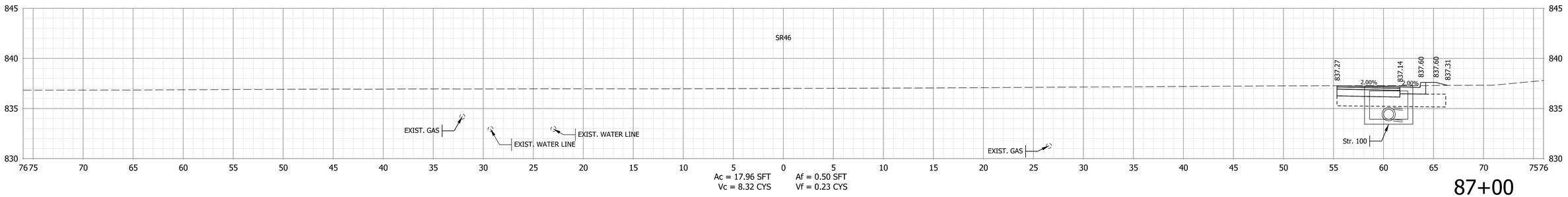
Ac = 22.98 SFT Af = 0.00 SFT
Vc = 4.00 CYS Vf = 0.00 CYS

87+15



Ac = 20.18 SFT Af = 0.00 SFT
Vc = 8.48 CYS Vf = 0.11 CYS

87+12



Ac = 17.96 SFT Af = 0.50 SFT
Vc = 8.32 CYS Vf = 0.23 CYS

87+00

STA. 87+00 TO STA. 87+17

Note:

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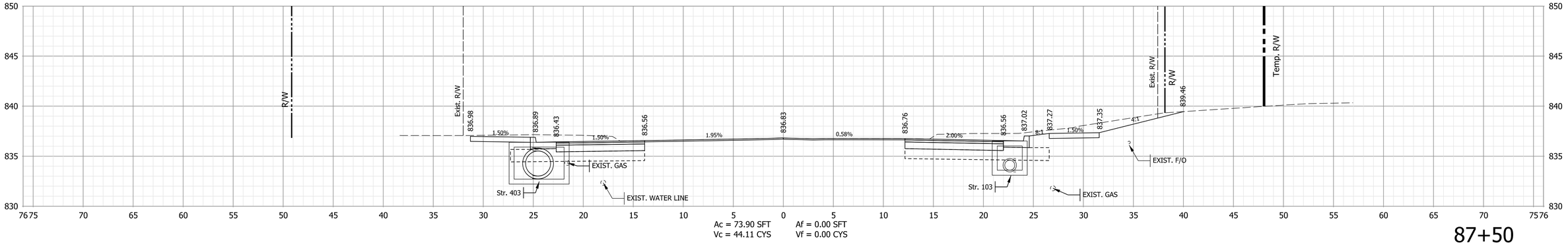
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

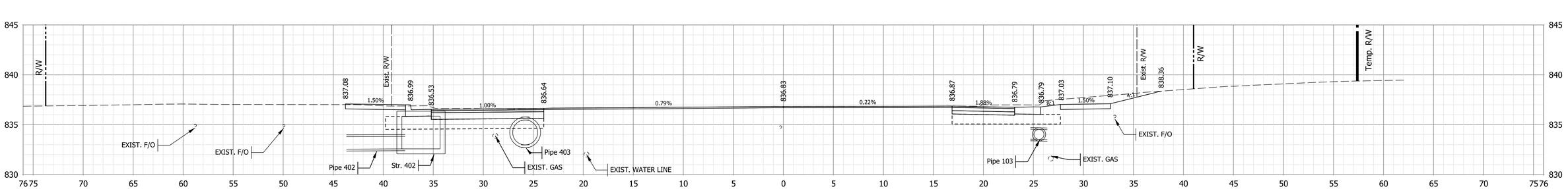
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	87 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model: $MODEL_NAME$



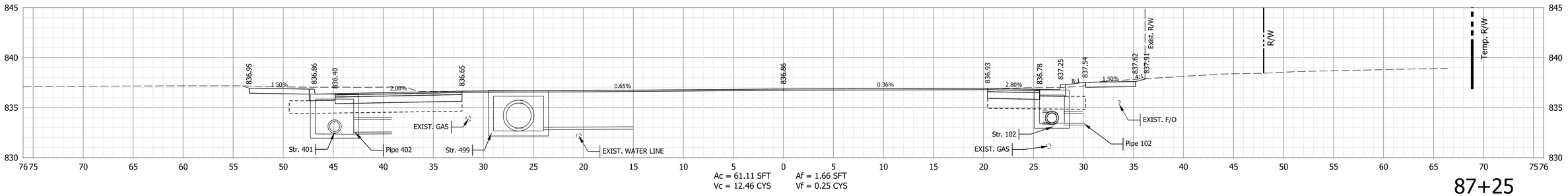
Ac = 73.90 SFT Af = 0.00 SFT
Vc = 44.11 CYS Vf = 0.00 CYS

87+50



Ac = 58.45 SFT Af = 0.00 SFT
Vc = 15.50 CYS Vf = 0.21 CYS

87+32



Ac = 61.11 SFT Af = 1.66 SFT
Vc = 12.46 CYS Vf = 0.25 CYS

87+25

STA. 87+25 TO STA. 87+50

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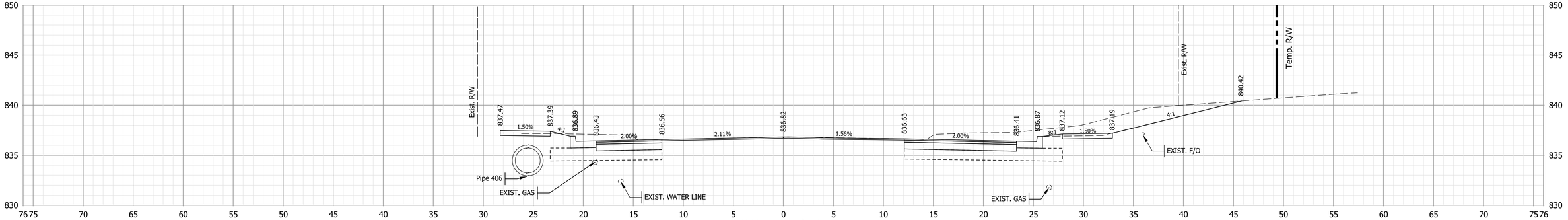
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

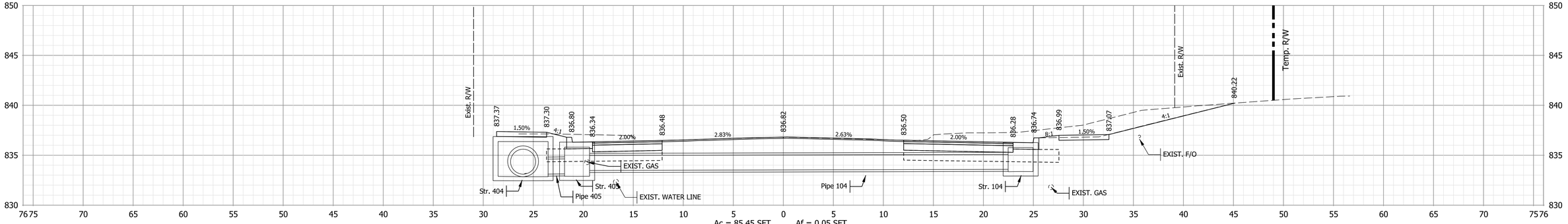
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	88 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model: $MODEL_NAME$



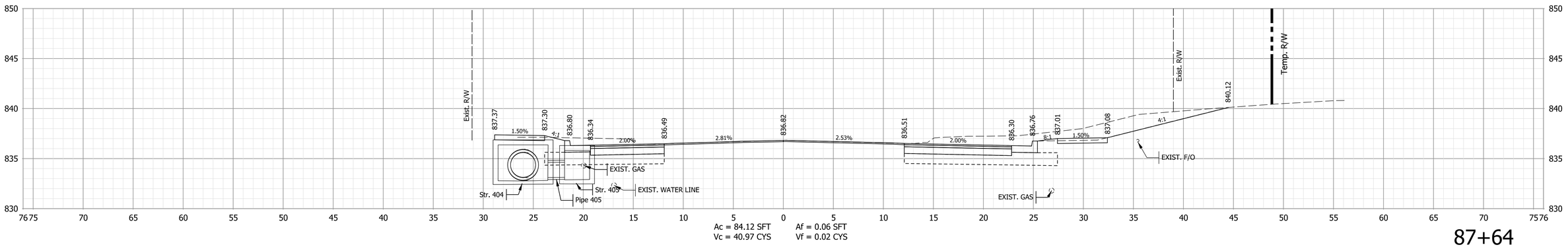
Ac = 83.64 SFT Af = 0.12 SFT
Vc = 25.05 CYS Vf = 0.03 CYS

87+75



Ac = 85.45 SFT Af = 0.05 SFT
Vc = 9.42 CYS Vf = 0.01 CYS

87+67



Ac = 84.12 SFT Af = 0.06 SFT
Vc = 40.97 CYS Vf = 0.02 CYS

87+64

STA. 87+64 TO STA. 87+75

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REGISTERED
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INDIANA
DEPARTMENT OF TRANSPORTATION

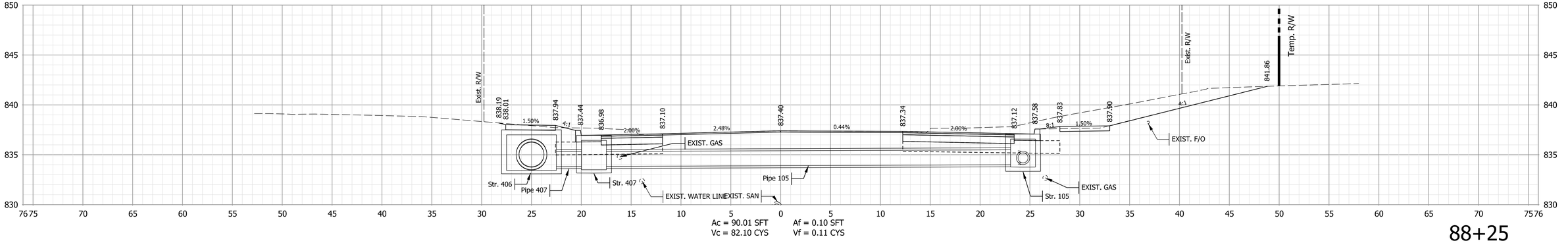
CROSS SECTIONS - LINE "A"

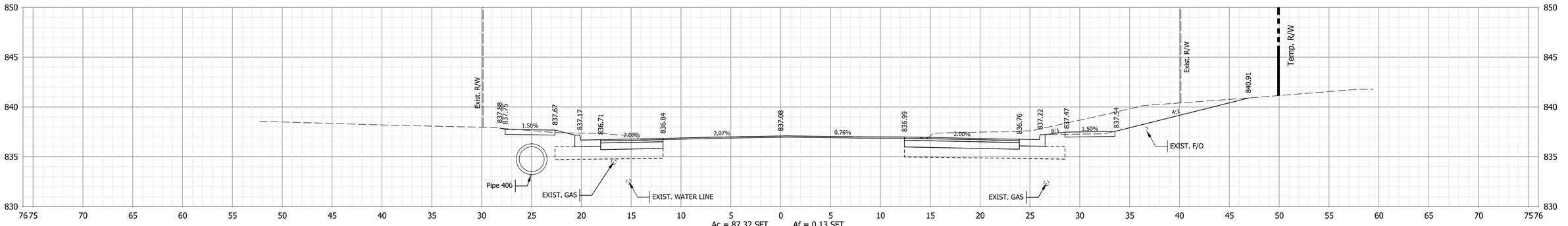
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208

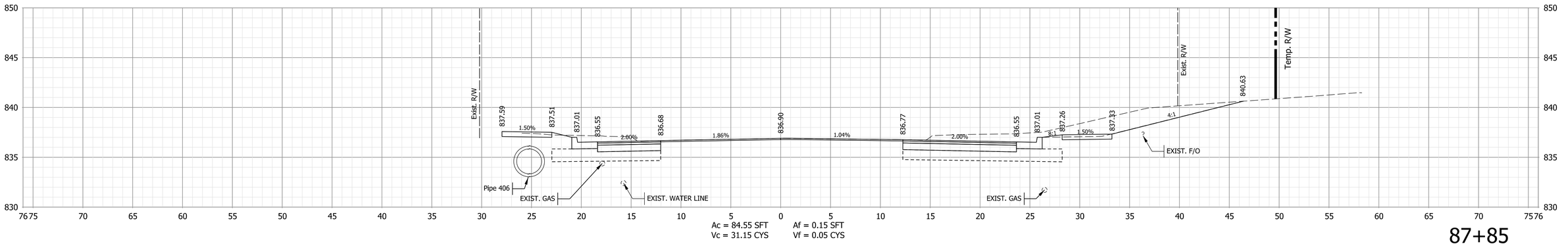
SURVEY BOOK	SHEETS
Electronic	89 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: $PLOT_DATE$ $PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model: $MODEL_NAME$







STA. 87+85 TO STA. 88+25

Note:

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DESIGN ENGINEER DATE

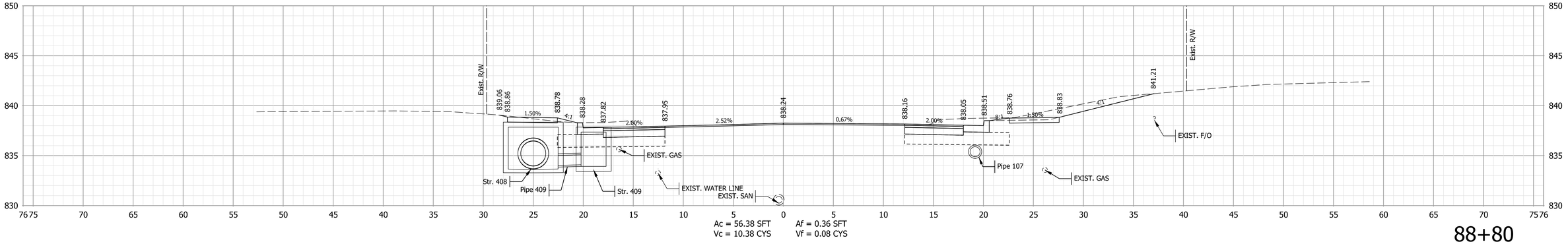
DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

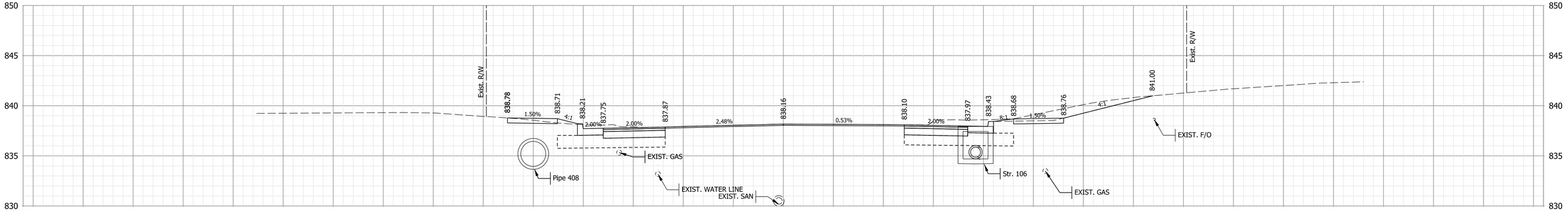
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	90 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model: $MODEL_NAME$



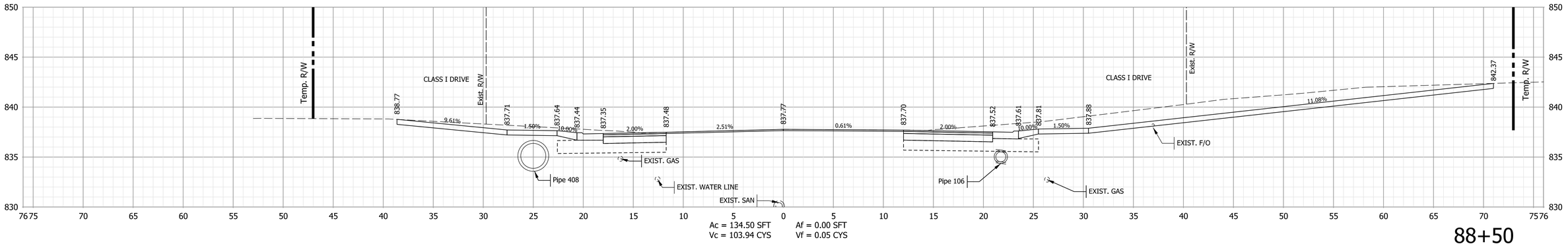
Ac = 56.38 SFT Af = 0.36 SFT
Vc = 10.38 CYS Vf = 0.08 CYS

88+80



Ac = 55.70 SFT Af = 0.51 SFT
Vc = 88.06 CYS Vf = 0.24 CYS

88+75



Ac = 134.50 SFT Af = 0.00 SFT
Vc = 103.94 CYS Vf = 0.05 CYS

88+50

STA. 88+50 TO STA. 88+80

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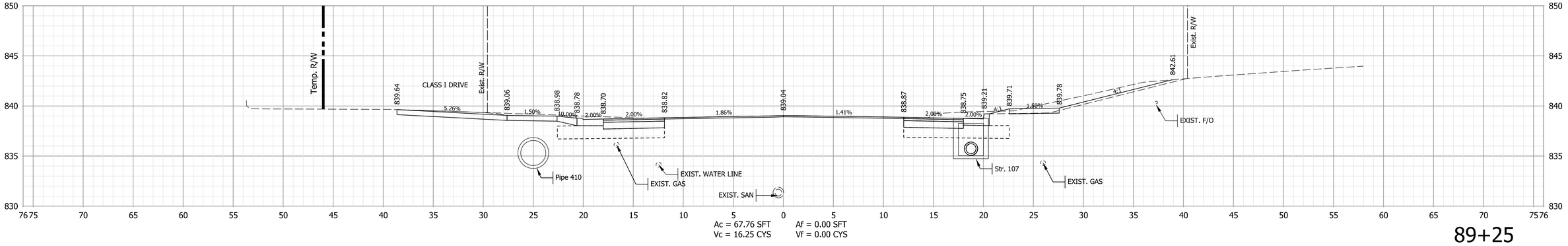
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

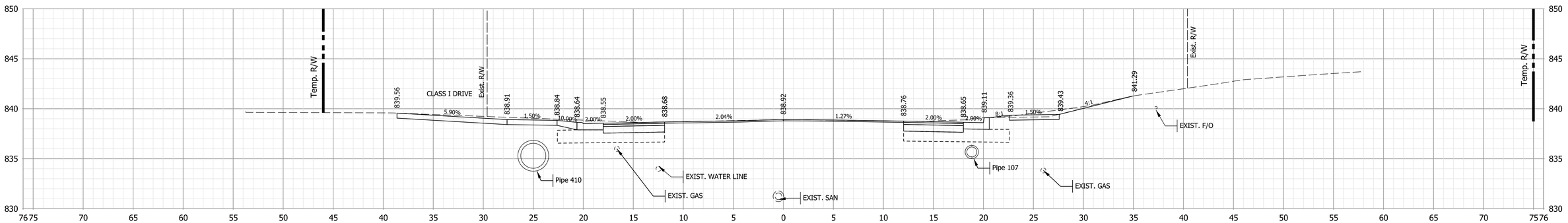
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	91 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: $PLOT_DATE$ $PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model: $MODEL_NAME$



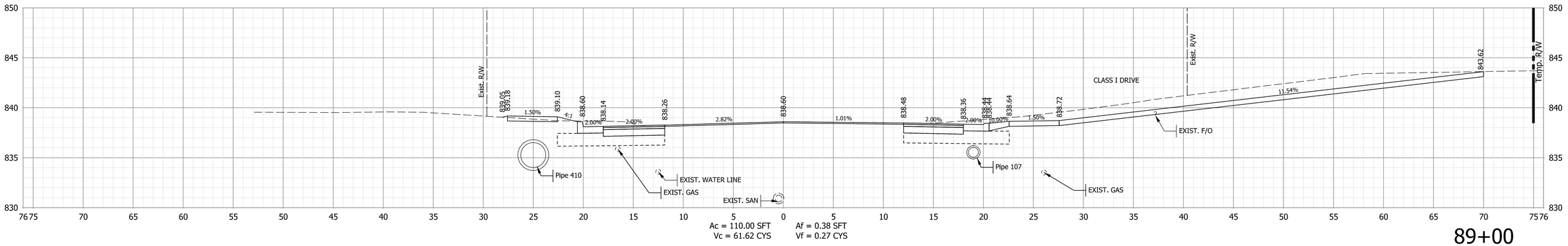
Ac = 67.76 SFT Af = 0.00 SFT
Vc = 16.25 CYS Vf = 0.00 CYS

89+25



Ac = 56.90 SFT Af = 0.00 SFT
Vc = 55.51 CYS Vf = 0.13 CYS

89+18



Ac = 110.00 SFT Af = 0.38 SFT
Vc = 61.62 CYS Vf = 0.27 CYS

89+00

STA. 89+00 TO STA. 89+25

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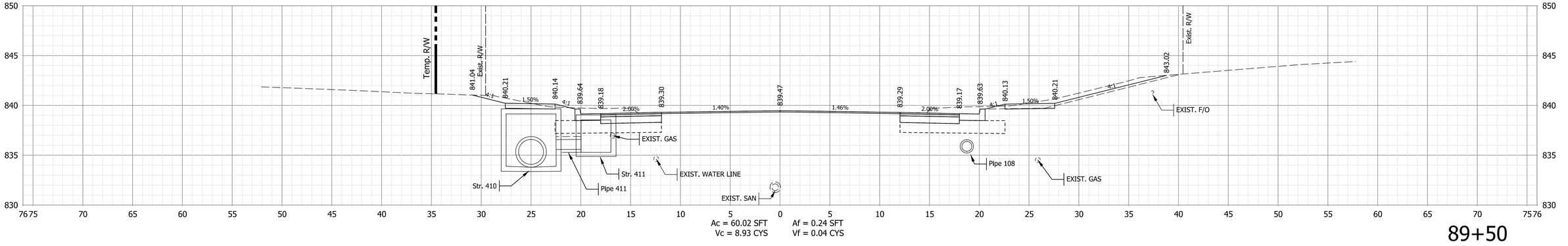
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

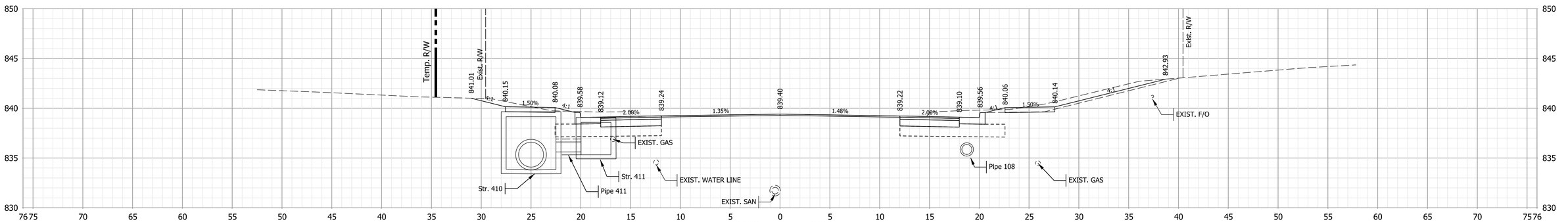
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	92 of 108
CONTRACT	PROJECT
R-41465	1800208

Plots PLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model:$MODEL_NAME$



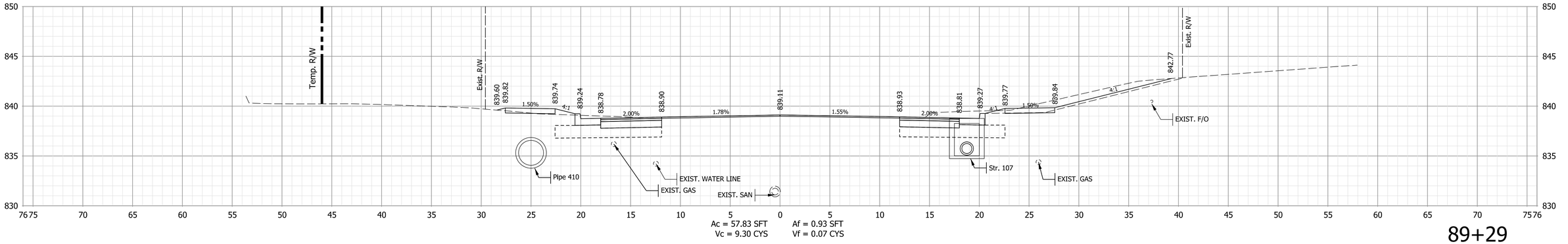
Ac = 60.02 SFT Af = 0.24 SFT
Vc = 8.93 CYS Vf = 0.04 CYS

89+50



Ac = 60.60 SFT Af = 0.26 SFT
Vc = 37.28 CYS Vf = 0.37 CYS

89+46



Ac = 57.83 SFT Af = 0.93 SFT
Vc = 9.30 CYS Vf = 0.07 CYS

89+29

STA. 89+29 TO STA. 89+50

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INDIANA
DEPARTMENT OF TRANSPORTATION

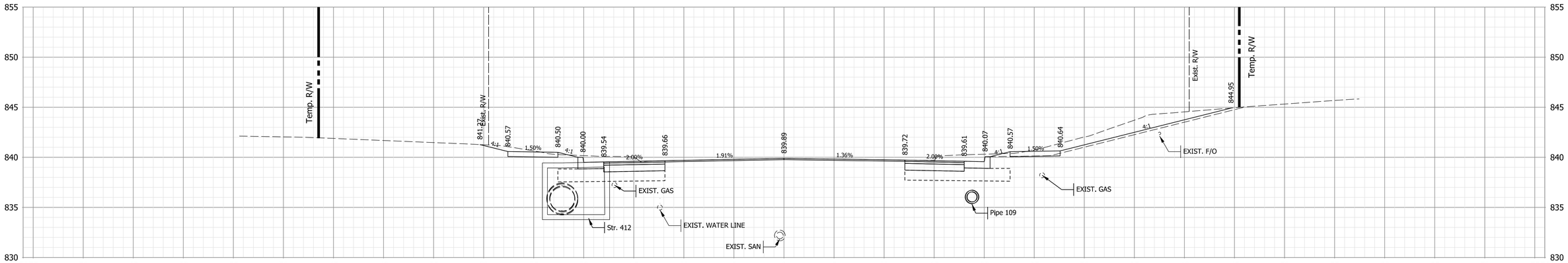
CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208

SURVEY BOOK	SHEETS
Electronic	93 of 108
CONTRACT	PROJECT
R-41465	1800208

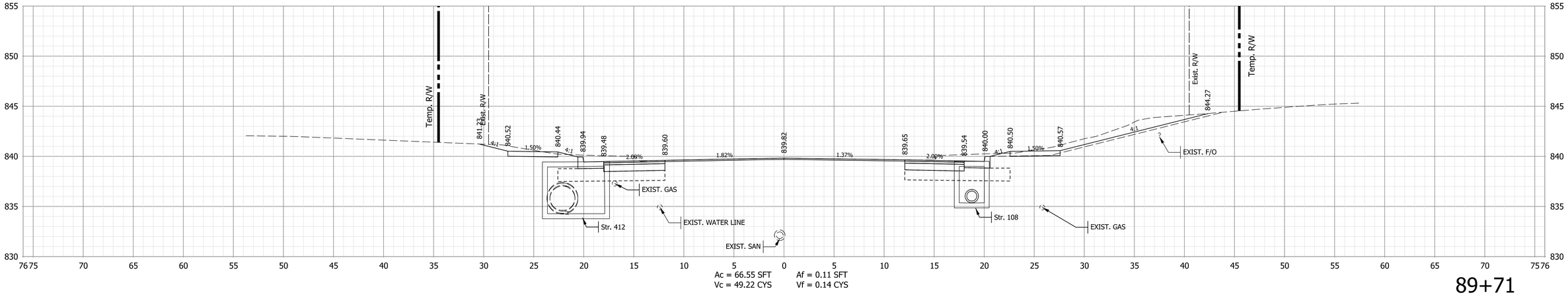
Plots PLOT_DATE$ PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model:$MODEL_NAME$



Ac = 72.09 SFT Af = 0.12 SFT
Vc = 10.27 CYS Vf = 0.02 CYS

89+75



Ac = 66.55 SFT Af = 0.11 SFT
Vc = 49.22 CYS Vf = 0.14 CYS

89+71

STA. 89+71 TO STA. 89+75

Note:
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CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

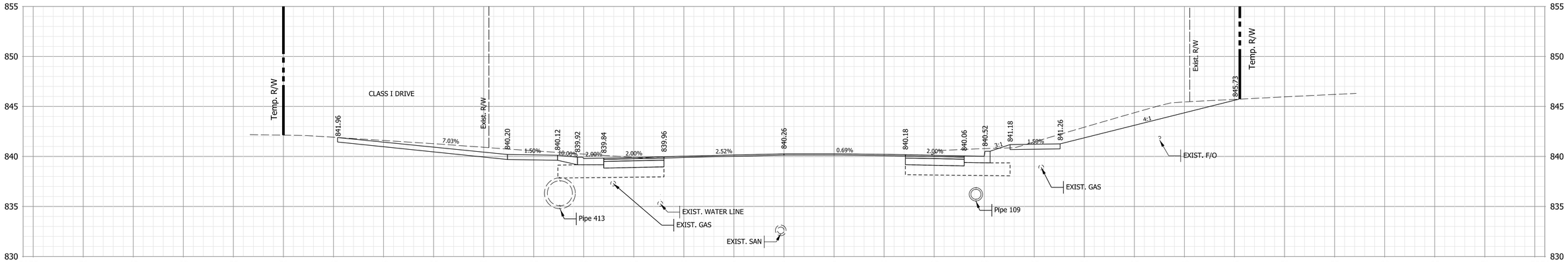
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208

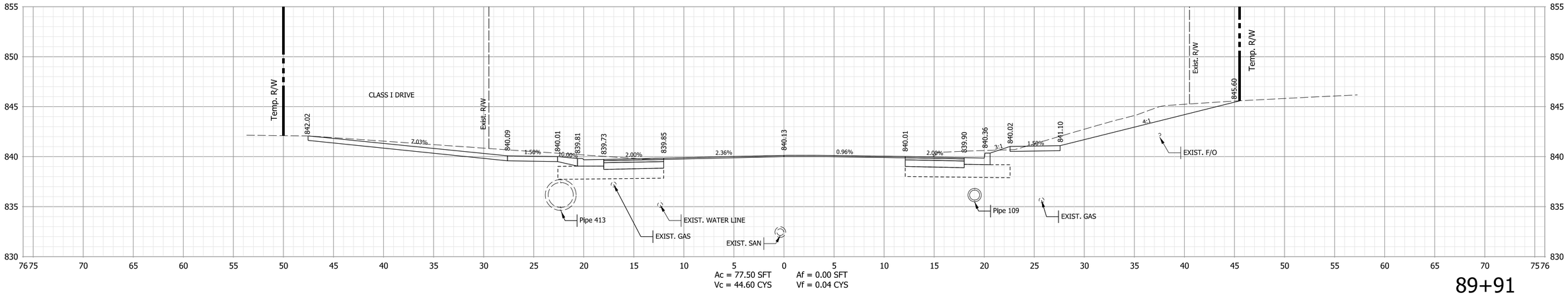
SURVEY BOOK	SHEETS
Electronic	94 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model:$MODEL_NAME$



Ac = 61.84 SFT Af = 0.00 SFT
Vc = 22.97 CYS Vf = 0.00 CYS

90+00



Ac = 77.50 SFT Af = 0.00 SFT
Vc = 44.60 CYS Vf = 0.04 CYS

89+91

STA. 89+91 TO STA. 90+00

Note:

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CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

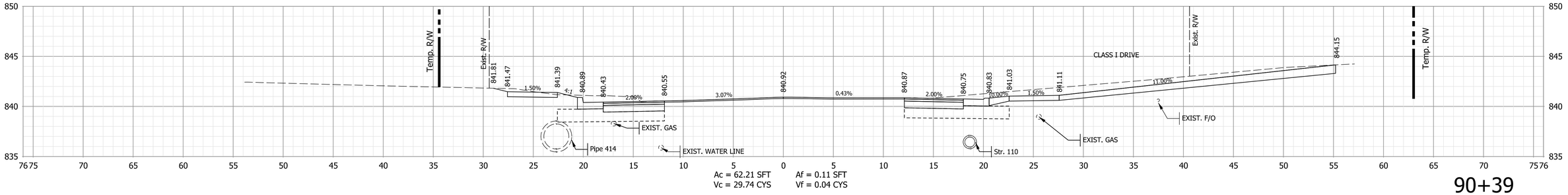
CROSS SECTIONS - LINE "A"

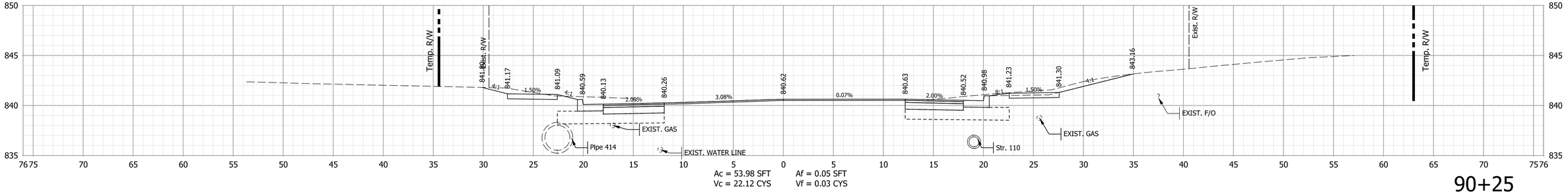
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208

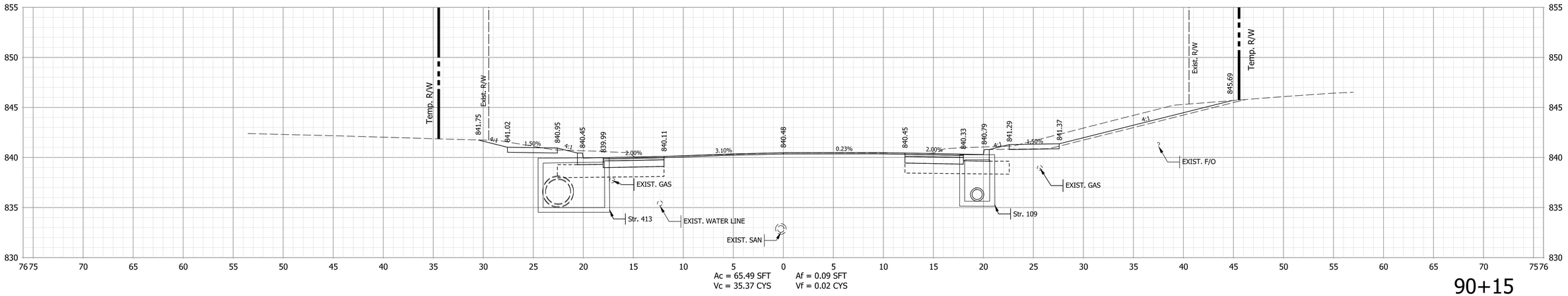
SURVEY BOOK	SHEETS
Electronic	95 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model:$MODEL_NAME$







STA. 90+15 TO STA. 90+39

Note:

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INDIANA
DEPARTMENT OF TRANSPORTATION

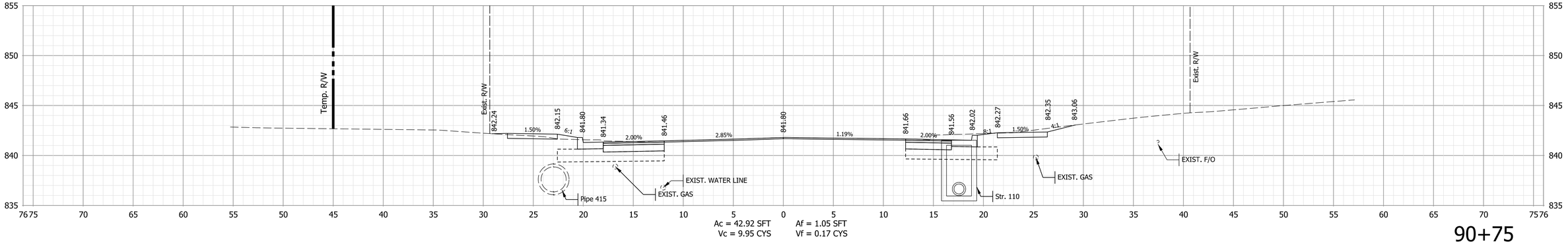
CROSS SECTIONS - LINE "A"

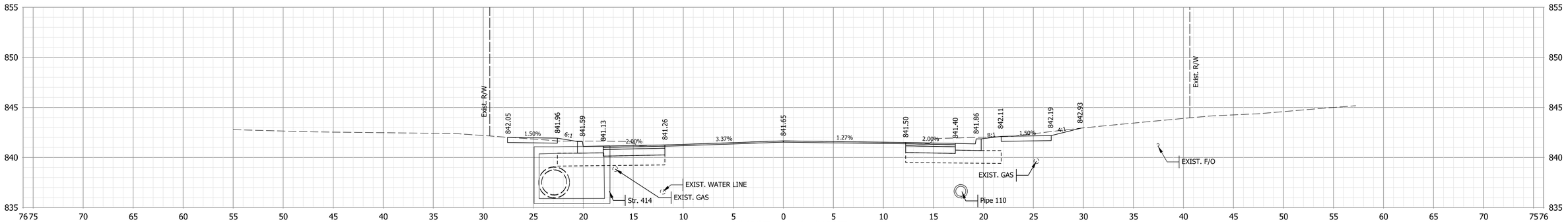
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208

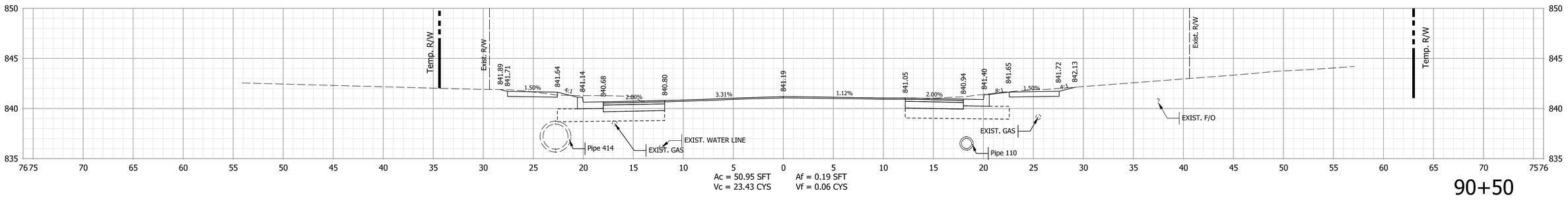
SURVEY BOOK	SHEETS
Electronic	96 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model:$MODEL_NAME$







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CASSIN M. REITER
REGISTERED
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INDIANA
DEPARTMENT OF TRANSPORTATION

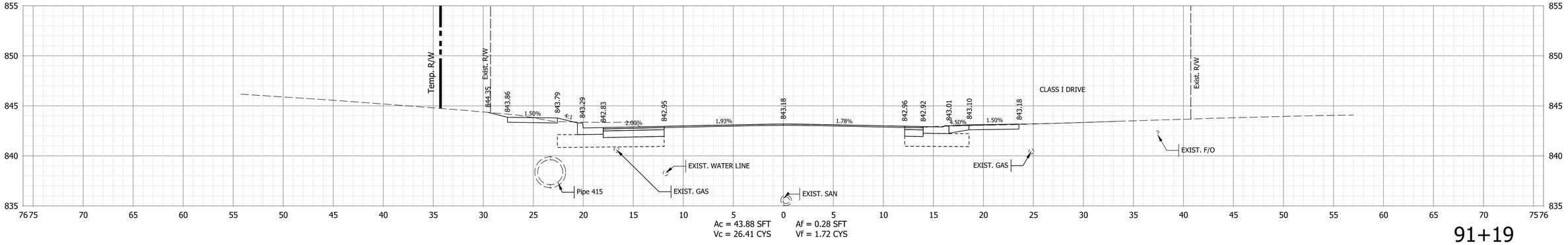
CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	97 of 108
CONTRACT	PROJECT
R-41465	1800208

STA. 90+50 TO STA. 90+75

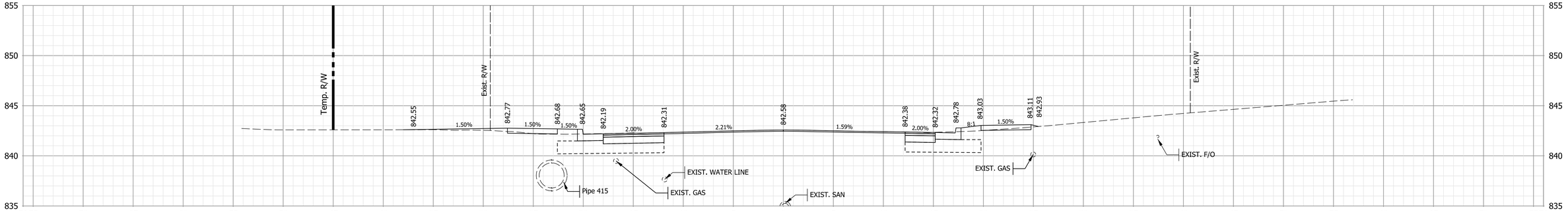
PLOTTED: $PLOT_DATE$ $PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model: $MODEL_NAME$



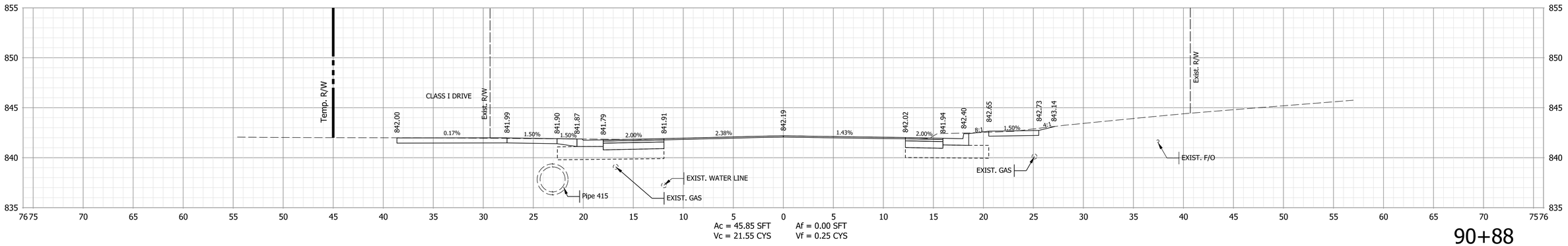
Ac = 43.88 SFT Af = 0.28 SFT
Vc = 26.41 CYS Vf = 1.72 CYS

91+19



Ac = 33.09 SFT Af = 4.73 SFT
Vc = 17.38 CYS Vf = 1.04 CYS

91+00



Ac = 45.85 SFT Af = 0.00 SFT
Vc = 21.55 CYS Vf = 0.25 CYS

90+88

STA. 90+88 TO STA. 91+19

Note:

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INDIANA
DEPARTMENT OF TRANSPORTATION

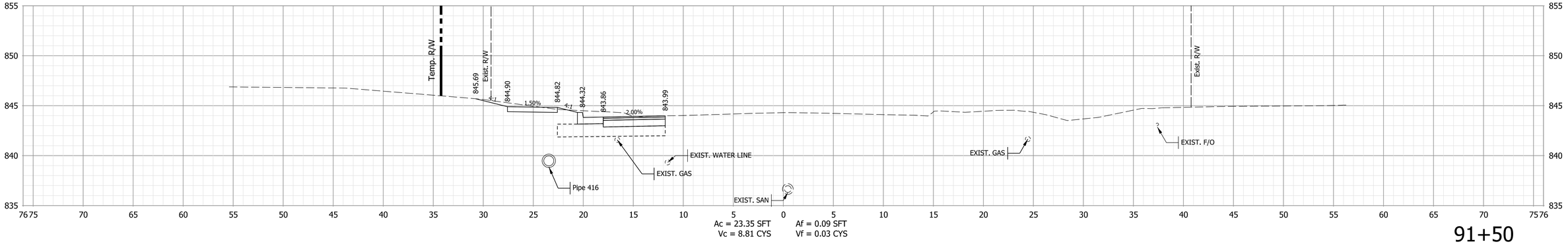
CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208

SURVEY BOOK	SHEETS
Electronic	98 of 108
CONTRACT	PROJECT
R-41465	1800208

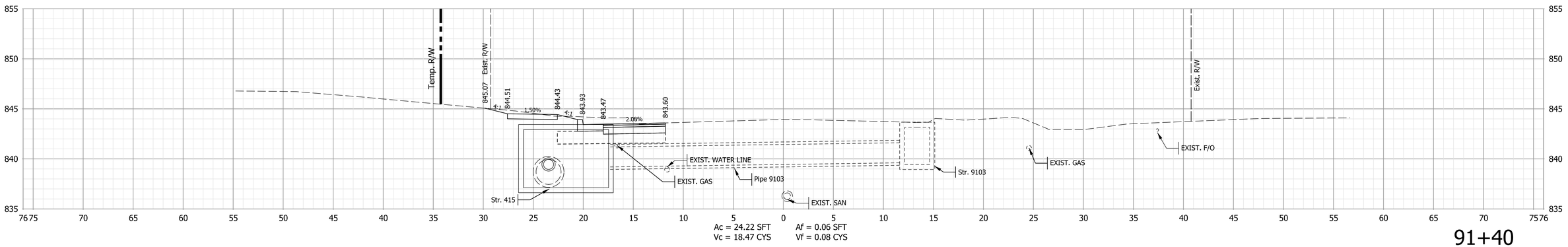
Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model:$MODEL_NAME$



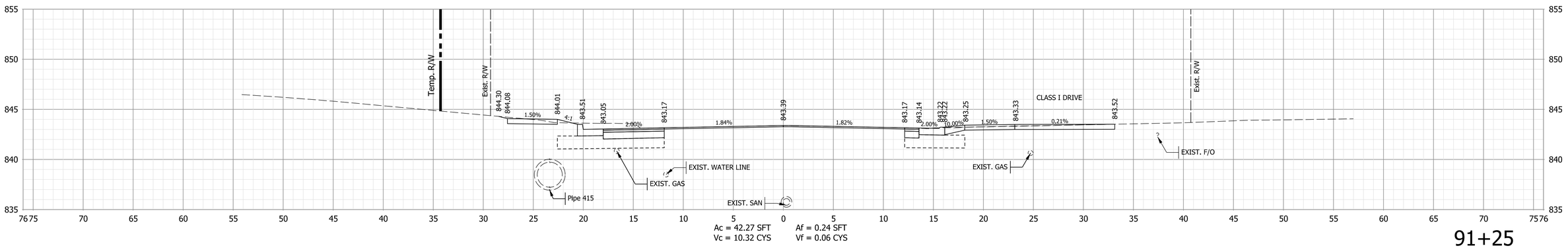
Ac = 23.35 SFT Af = 0.09 SFT
Vc = 8.81 CYS Vf = 0.03 CYS

91+50



Ac = 24.22 SFT Af = 0.06 SFT
Vc = 18.47 CYS Vf = 0.08 CYS

91+40



Ac = 42.27 SFT Af = 0.24 SFT
Vc = 10.32 CYS Vf = 0.06 CYS

91+25

STA. 91+25 TO STA. 91+50

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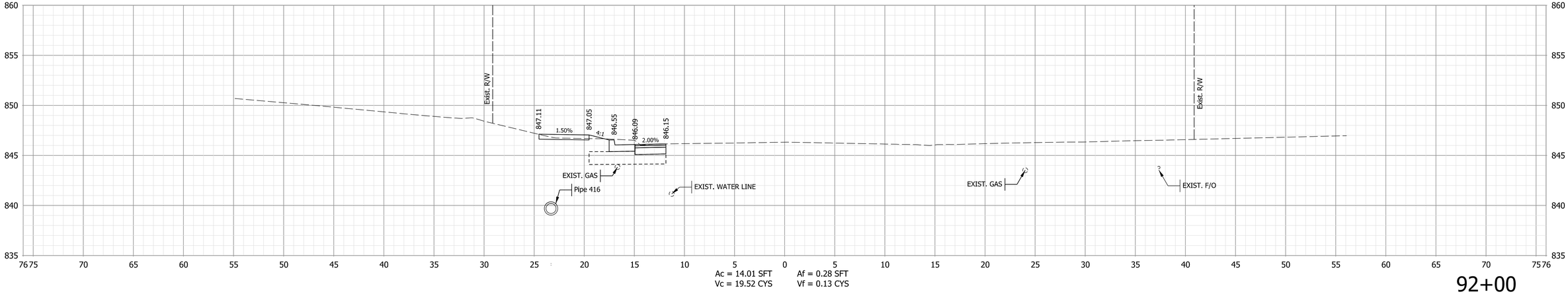
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208

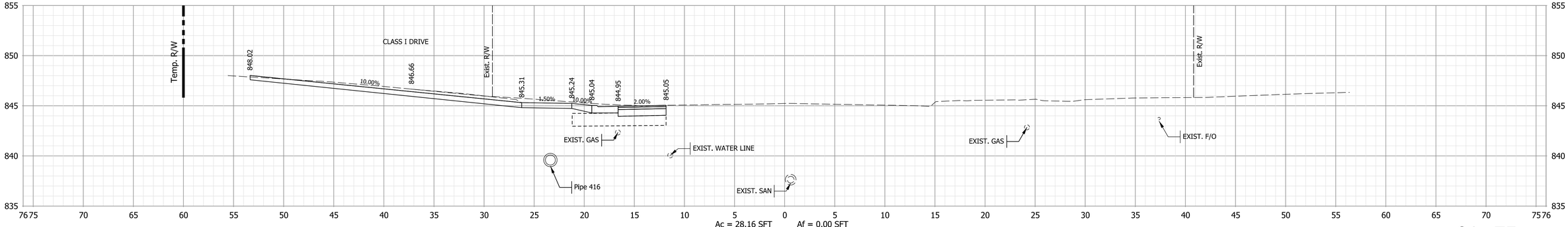
SURVEY BOOK	SHEETS
Electronic	99 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model:$MODEL_NAME$



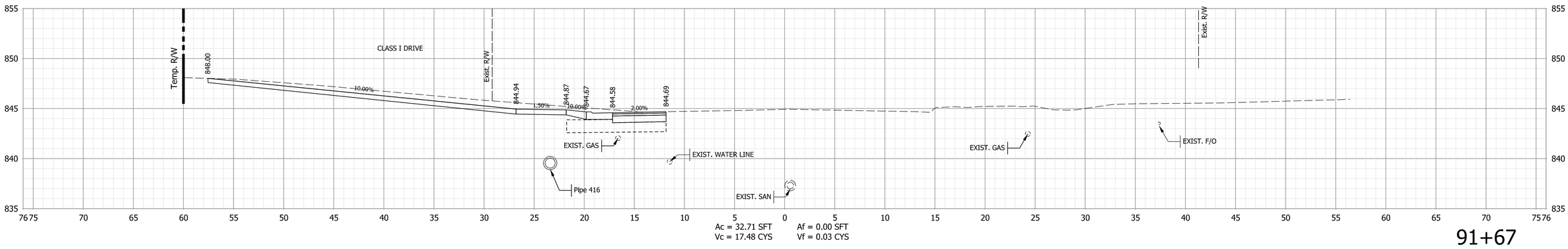
Ac = 14.01 SFT Af = 0.28 SFT
Vc = 19.52 CYS Vf = 0.13 CYS

92+00



Ac = 28.16 SFT Af = 0.00 SFT
Vc = 9.20 CYS Vf = 0.00 CYS

91+75



Ac = 32.71 SFT Af = 0.00 SFT
Vc = 17.48 CYS Vf = 0.03 CYS

91+67

STA. 91+67 TO STA. 92+00

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DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

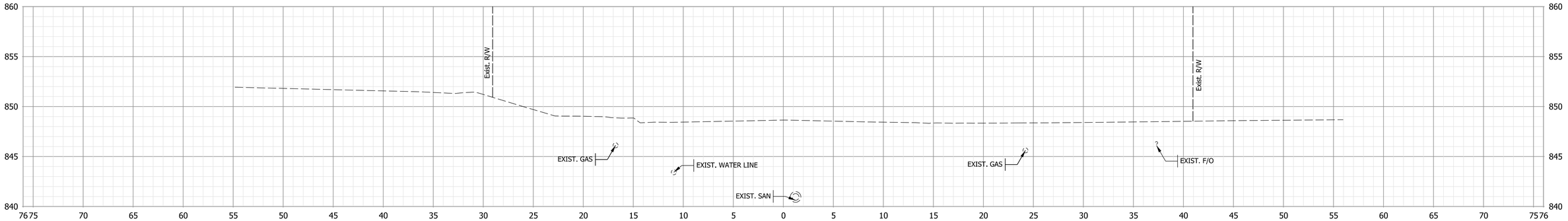
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208

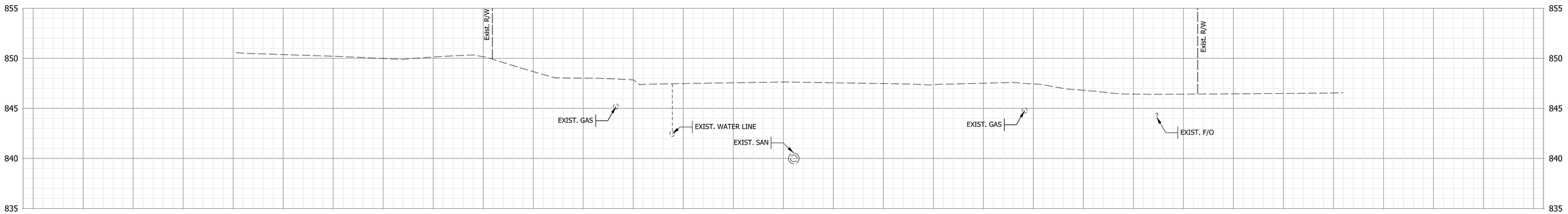
SURVEY BOOK	SHEETS
Electronic	100 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: $PLOT_DATE$ $PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model: $MODEL_NAME$



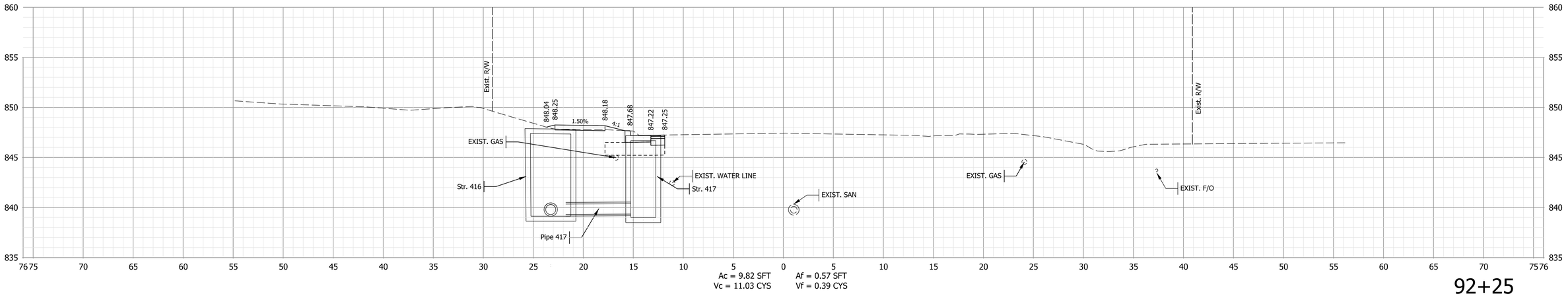
92+50

Ac = 0.00 SFT Af = 0.00 SFT
Vc = 0.00 CYS Vf = 0.00 CYS



92+30

Ac = 0.00 SFT Af = 0.00 SFT
Vc = 0.83 CYS Vf = 0.05 CYS



Ac = 9.82 SFT Af = 0.57 SFT
Vc = 11.03 CYS Vf = 0.39 CYS

92+25

STA. 92+25 TO STA. 92+50

Note:

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CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

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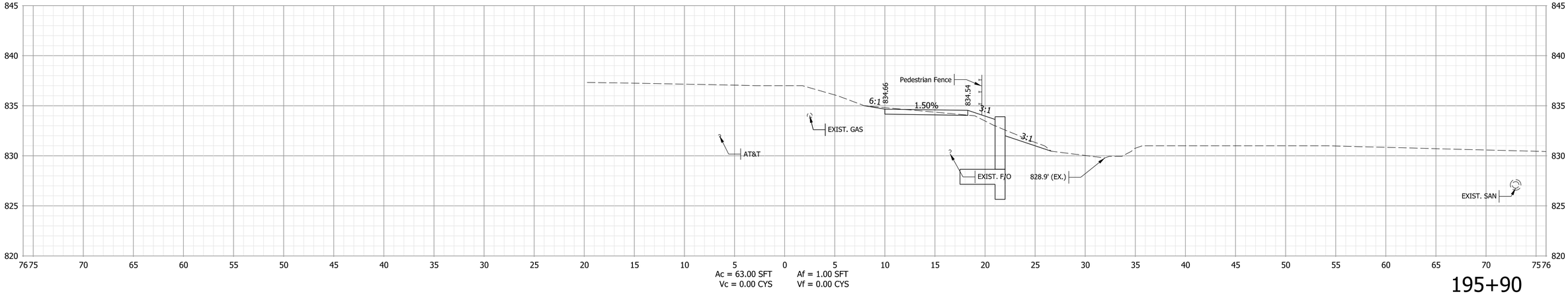
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

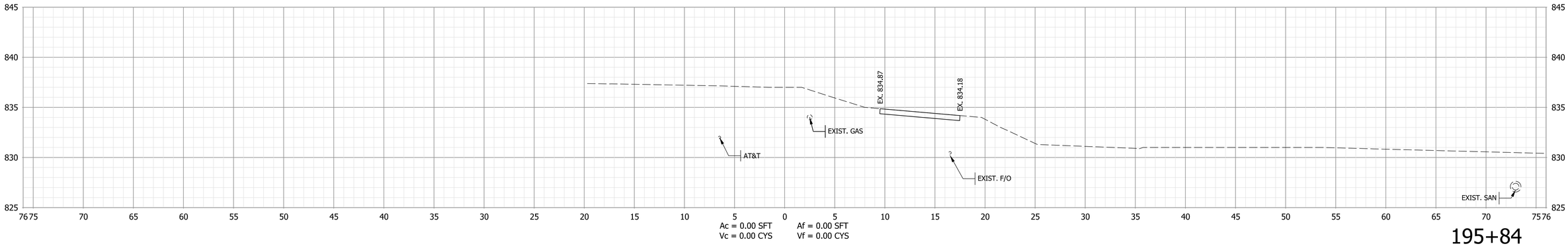
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	101 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model:$MODEL_NAME$



Ac = 63.00 SFT Af = 1.00 SFT
Vc = 0.00 CYS Vf = 0.00 CYS

195+90



Ac = 0.00 SFT Af = 0.00 SFT
Vc = 0.00 CYS Vf = 0.00 CYS

195+84

STA. 195+90 TO STA. 195+90

STA. 195+84 TO STA. 195+84

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CASSIN M. REITER
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CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

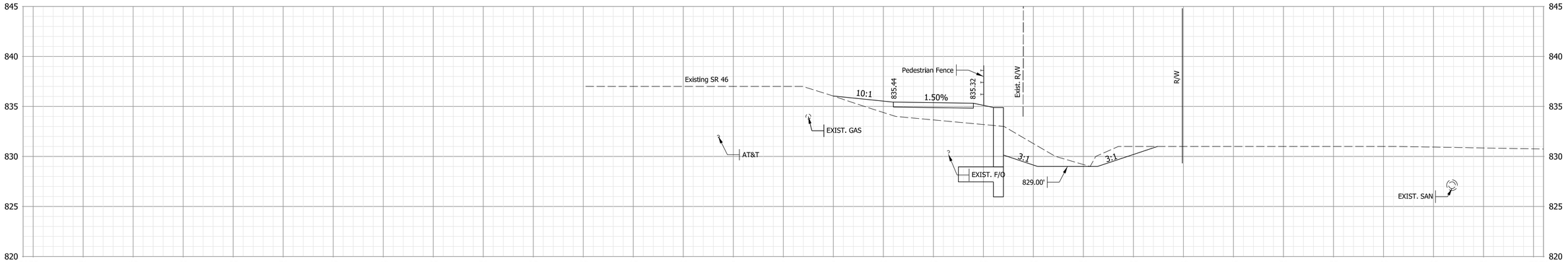
CROSS SECTIONS - LINE "S"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208

SURVEY BOOK	SHEETS
Electronic	102 of 108
CONTRACT	PROJECT
R-41465	1800208

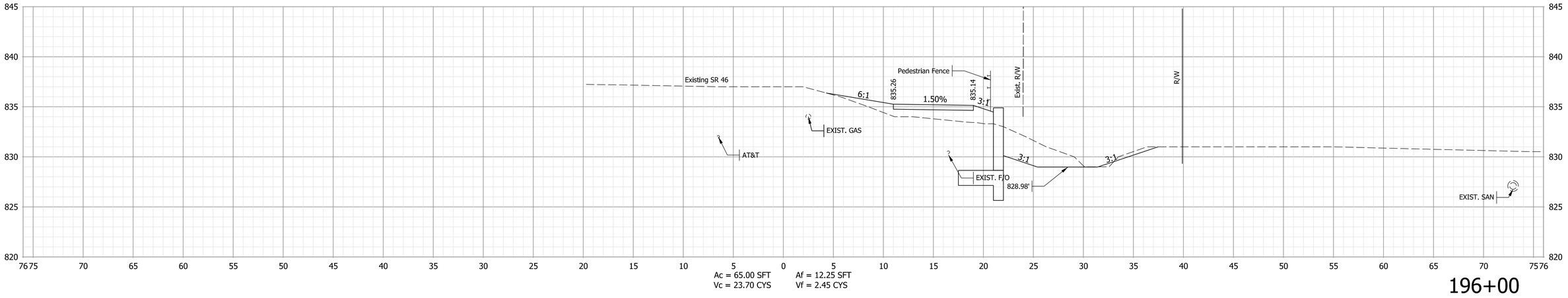
PLOTDATE=$DATE$ PLOTTIME=$TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model:$MODEL_NAME$



Ac = 56.00 SFT Af = 17.30 SFT
Vc = 56.02 CYS Vf = 13.68 CYS

196+25



Ac = 65.00 SFT Af = 12.25 SFT
Vc = 23.70 CYS Vf = 2.45 CYS

196+00

STA. 196+00 TO STA. 196+25

Note:

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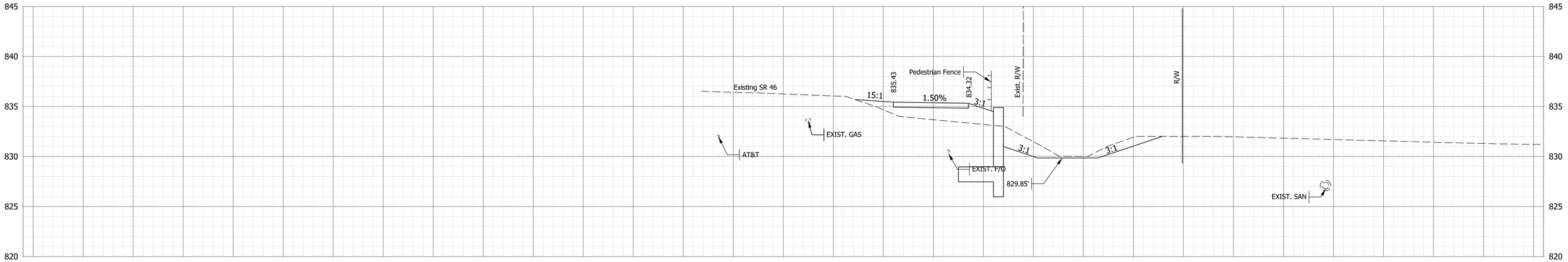
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "S"

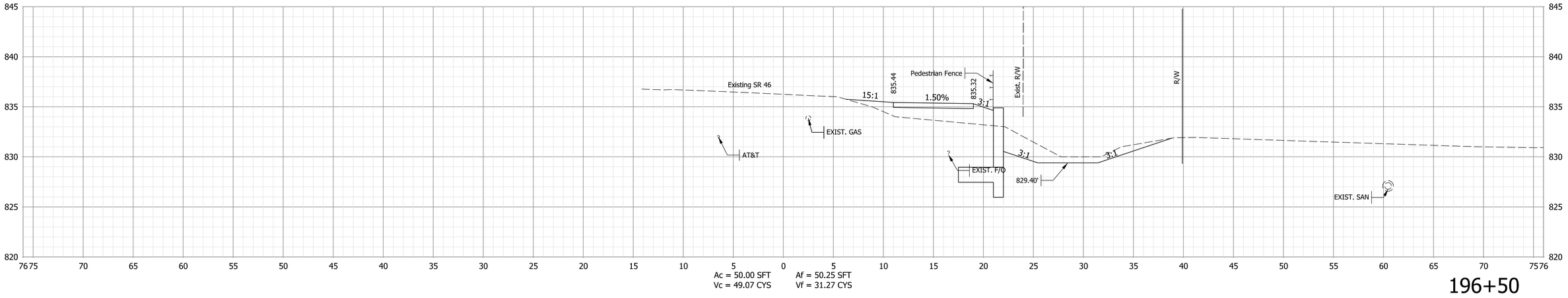
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	103 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model:$MODEL_NAME$



196+75



196+50

STA. 196+50 TO STA. 196+75

Note:

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CASSIN M. REITER
REGISTERED
No. PE10708024
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INDIANA
DEPARTMENT OF TRANSPORTATION

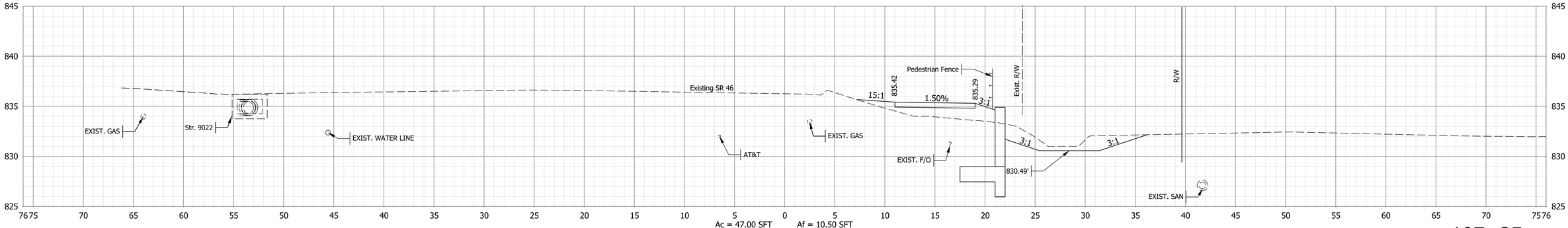
CROSS SECTIONS - LINE "S"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208

SURVEY BOOK	SHEETS
Electronic	104 of 108
CONTRACT	PROJECT
R-41465	1800208

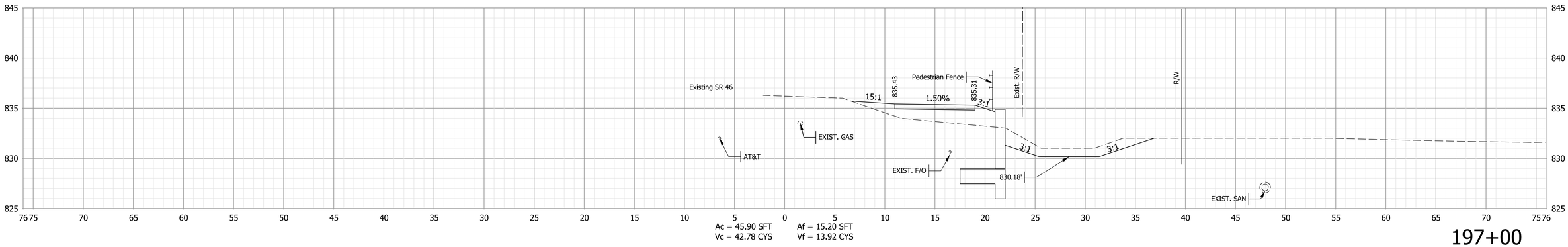
Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model:$MODEL_NAME$



Ac = 47.00 SFT Af = 10.50 SFT
Vc = 43.01 CYS Vf = 11.90 CYS

197+25



Ac = 45.90 SFT Af = 15.20 SFT
Vc = 42.78 CYS Vf = 13.92 CYS

197+00

STA. 197+00 TO STA. 197+50

Note:

1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

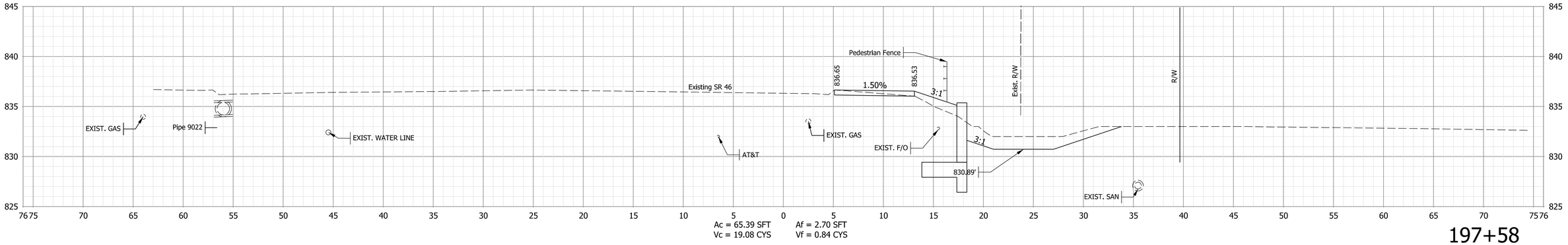
DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "S"

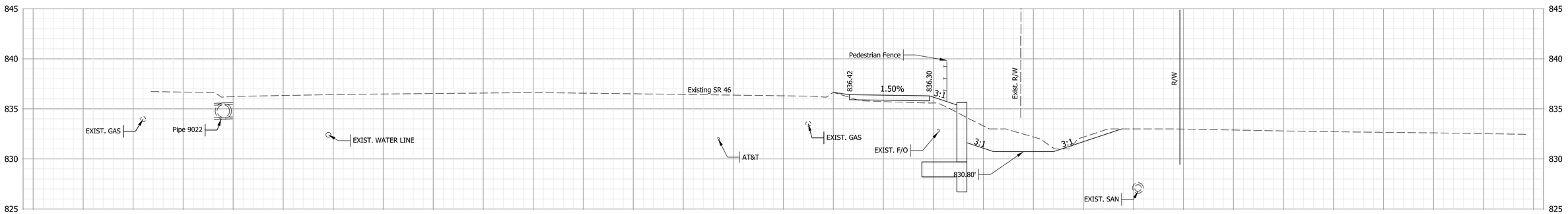
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	105 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DATE$ PLOT_TIME$ AM_PM
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model: $MODEL_NAME$



Ac = 65.39 SFT Af = 2.70 SFT
Vc = 19.08 CYS Vf = 0.84 CYS

197+58



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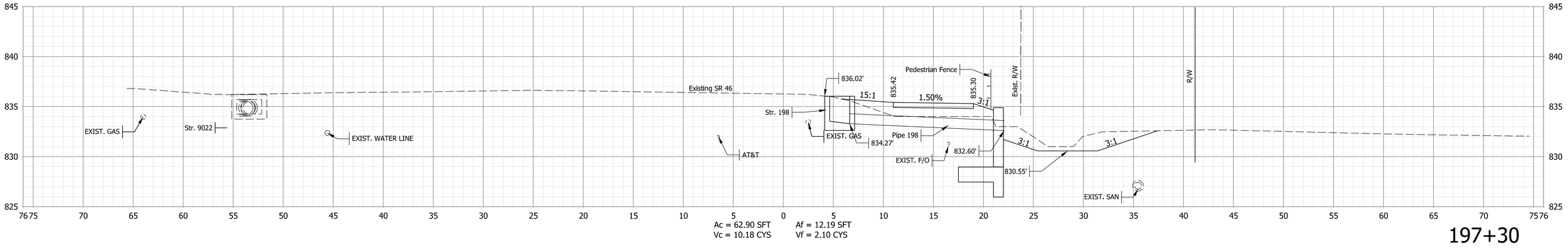
Vc = 46.77 CYS Vf = 5.62 CYS

197+50



Ac = 62.90 SFT Af = 12.19 SFT
Vc = 10.18 CYS Vf = 2.10 CYS

197+30

STA. 197+67 TO STA. 198+00

Note:
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CASSIN M. REITER REGISTERED No. PE10708024 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "S"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	106 of 108
CONTRACT	PROJECT
R-41465	1800208

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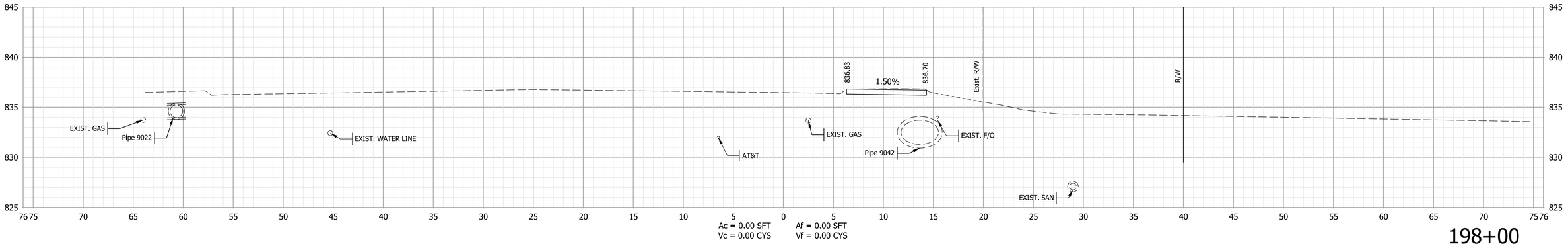
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model:$MODEL_NAME$



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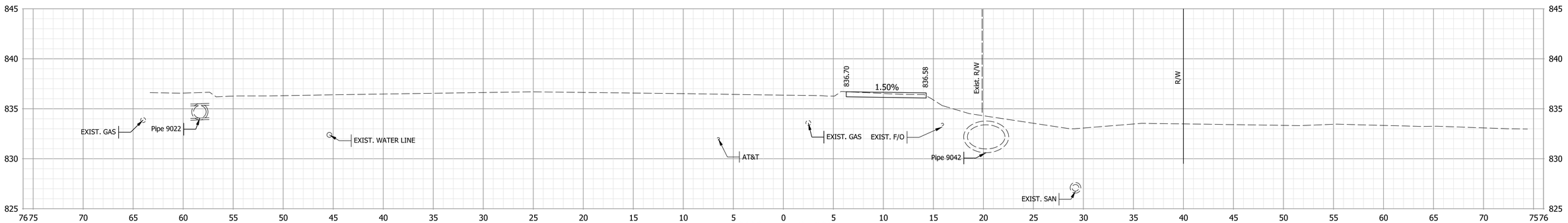
Vc = 0.00 CYS Vf = 0.00 CYS

198+00



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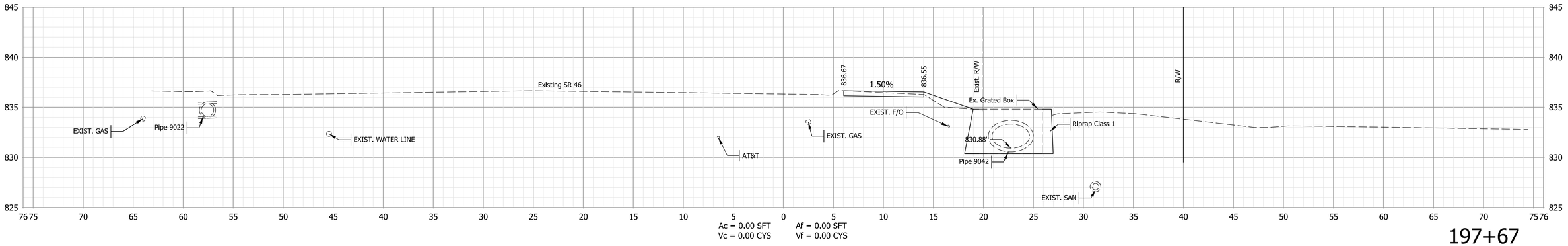
Vc = 0.00 CYS Vf = 0.00 CYS

197+75



Ac = 0.00 SFT Af = 0.00 SFT
Vc = 0.00 CYS Vf = 0.00 CYS

197+67

STA. 198+04 TO STA. 198+25

Note:

1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

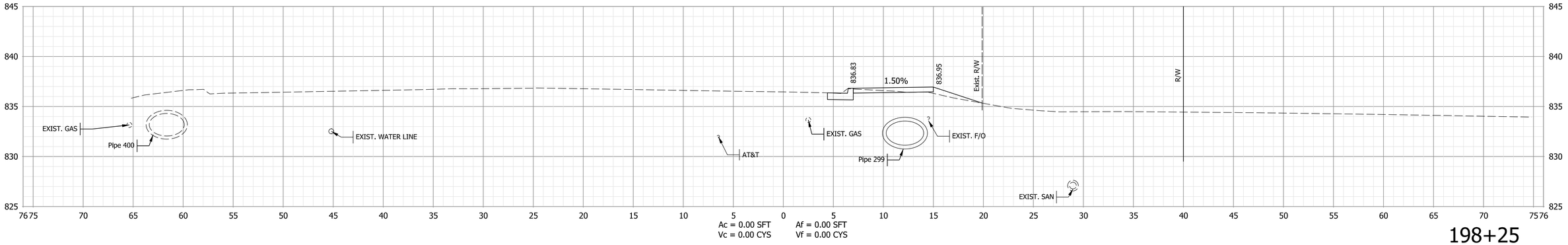
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "S"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	107 of 108
CONTRACT	PROJECT
R-41465	1800208

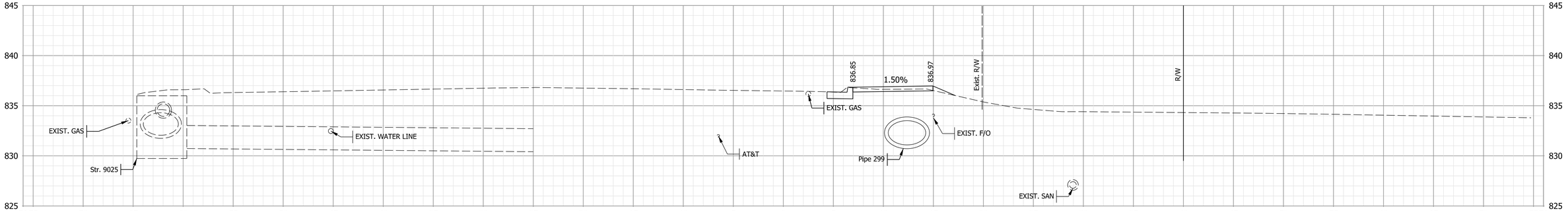
Plot$PLOT_DATE$ $PLOT_TIME$ AM_PM

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model:$MODEL_NAME$



Ac = 0.00 SFT Af = 0.00 SFT
Vc = 0.00 CYS Vf = 0.00 CYS

198+25



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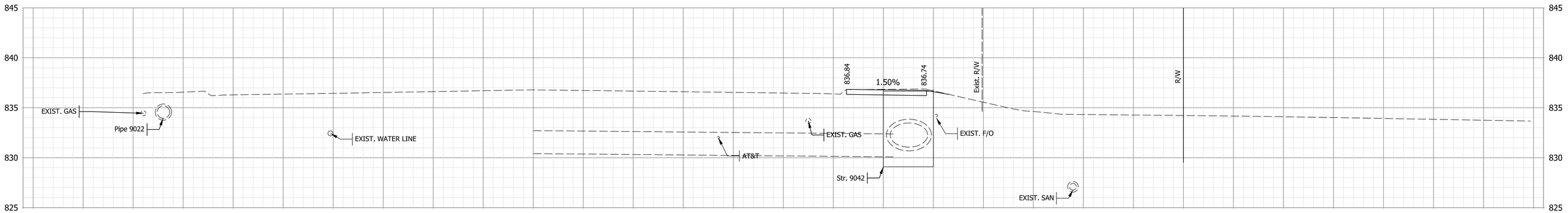
Vc = 0.00 CYS Vf = 0.00 CYS

198+14



Ac = 0.00 SFT Af = 0.00 SFT
Vc = 0.00 CYS Vf = 0.00 CYS

198+04

STA. 198+50 TO STA. 199+00

Note:

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CASSIN M. REITER
REGISTERED
No. PE10708024
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Cassin M. Reiter 3/10/2023
DESIGN ENGINEER DATE

DESIGNED: CMP 3/10/2023 DRAWN: CMP 3/10/2023
CHECKED: KLT 3/10/2023 CHECKED: KLT 3/10/2023

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "S"

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1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEETS
Electronic	108 of 108
CONTRACT	PROJECT
R-41465	1800208

Plot: $PLOT_DATE$ $PLOT_TIME$ AM_PM

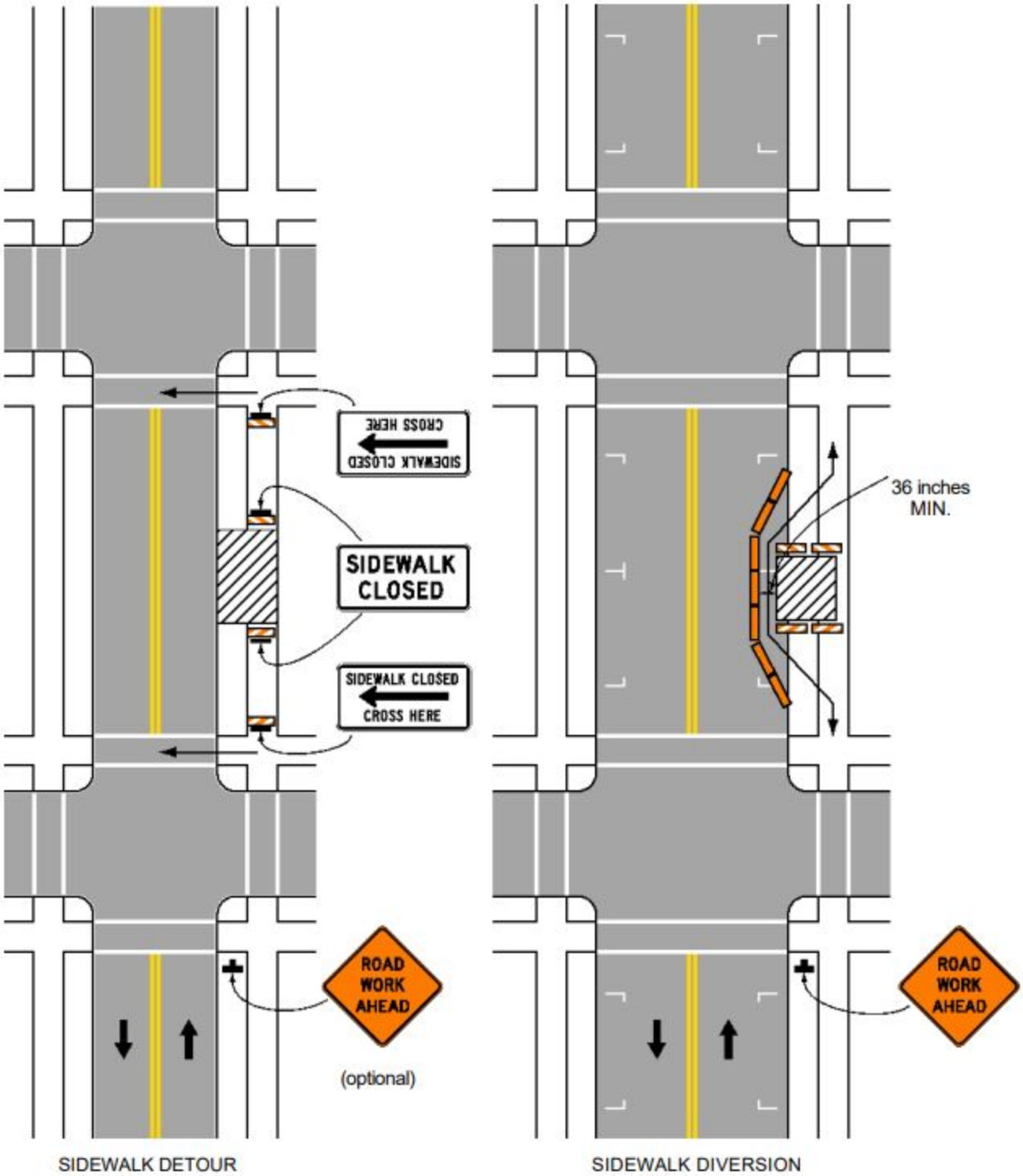
File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
Model: $MODEL_NAME$

Board of Public Works
Staff Report

Project/Event:	Residential Driveway Installation
Staff Representative:	Kyle Baugh
Petitioner/Representative:	Brad Cook
Date:	February 27th, 2024

Report: Cardinal Hardscapes is requesting a sidewalk closure on the west side of S Euclid Ave. This request is to accommodate sidewalk demolition and replacement for a residential driveway installation. The traffic control would be in place for three weeks with a planned start in early April. Cardinal Hardscapes has supplied a maintenance of traffic plan for the closure.

Figure 6H-28. Sidewalk Detour or Diversion (TA-28)



Typical Application 28

Board of Public Works
Staff Report

Project/Event:	Lane and Sidewalk Closure on Gourley Pike and Kinser Pike
Staff Representative:	Alex Gray
Petitioner/Representative:	MW Builders
Date:	February 27th, 2024

Report: MW Builders is requesting a lane and sidewalk closure on Gourley Pike by 703 W Gourley Pike, which is the Aspen Heights development. They are also requesting a lane and sidewalk closure on Kinser Pike near W Vaughn Clipp Way. Gourley Pike will consist of the eastbound lane of traffic and the southern sidewalk, while Kinser Pike will consist of the western sidewalk and the southbound lane of traffic. MW Builders is requesting both closures for a month with Kinser Pike occurring first in the closure order and Gourley Pike after. The work is for the installation of curb, sidewalk, and driveway aprons for the Aspen Heights development and is planned to start 2/28/2024 and end 3/28/2024.

PG 1

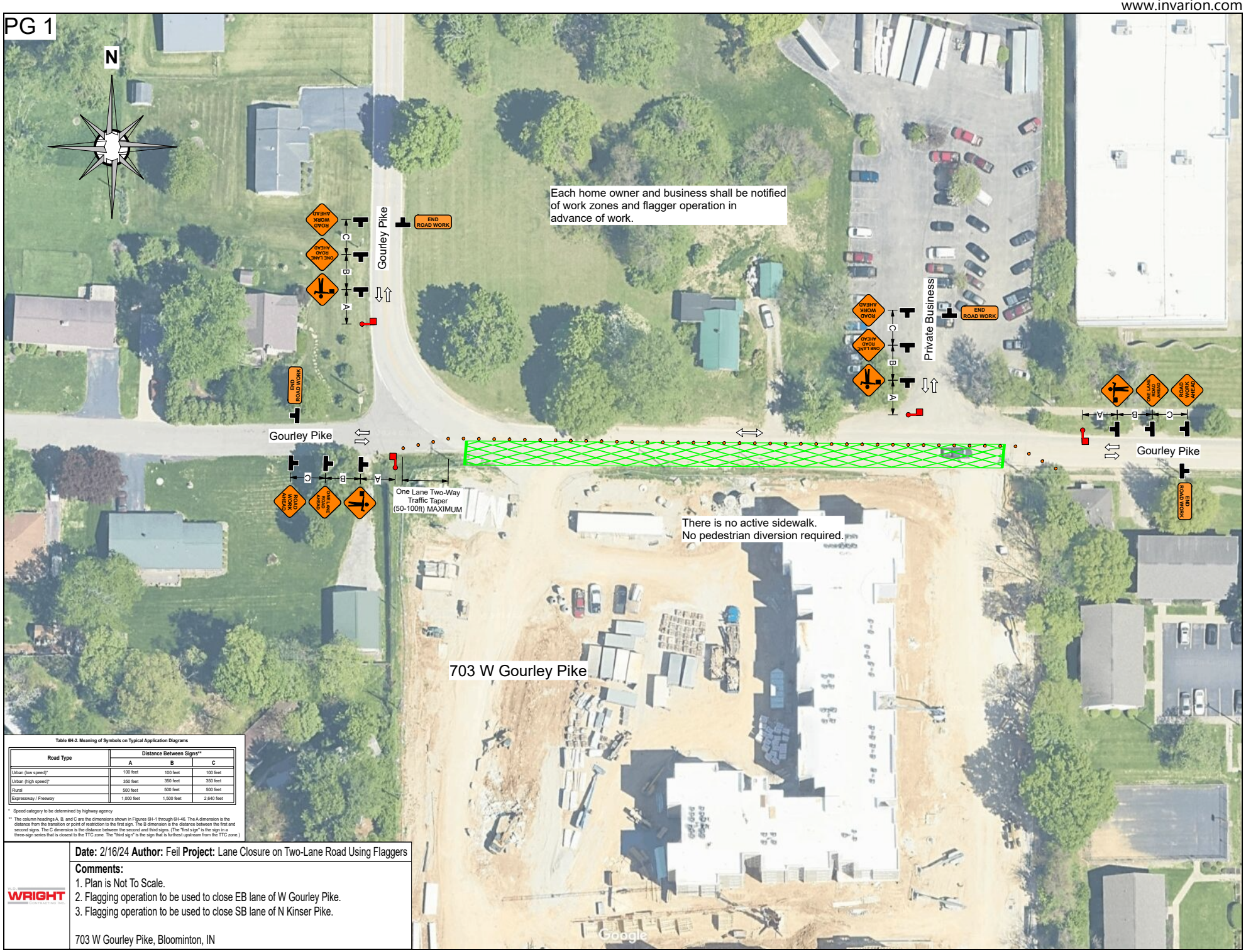


Table 6H-2. Meaning of Symbols on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* Speed category to be determined by highway agency

** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

WRIGHT CONTRACTING INC.

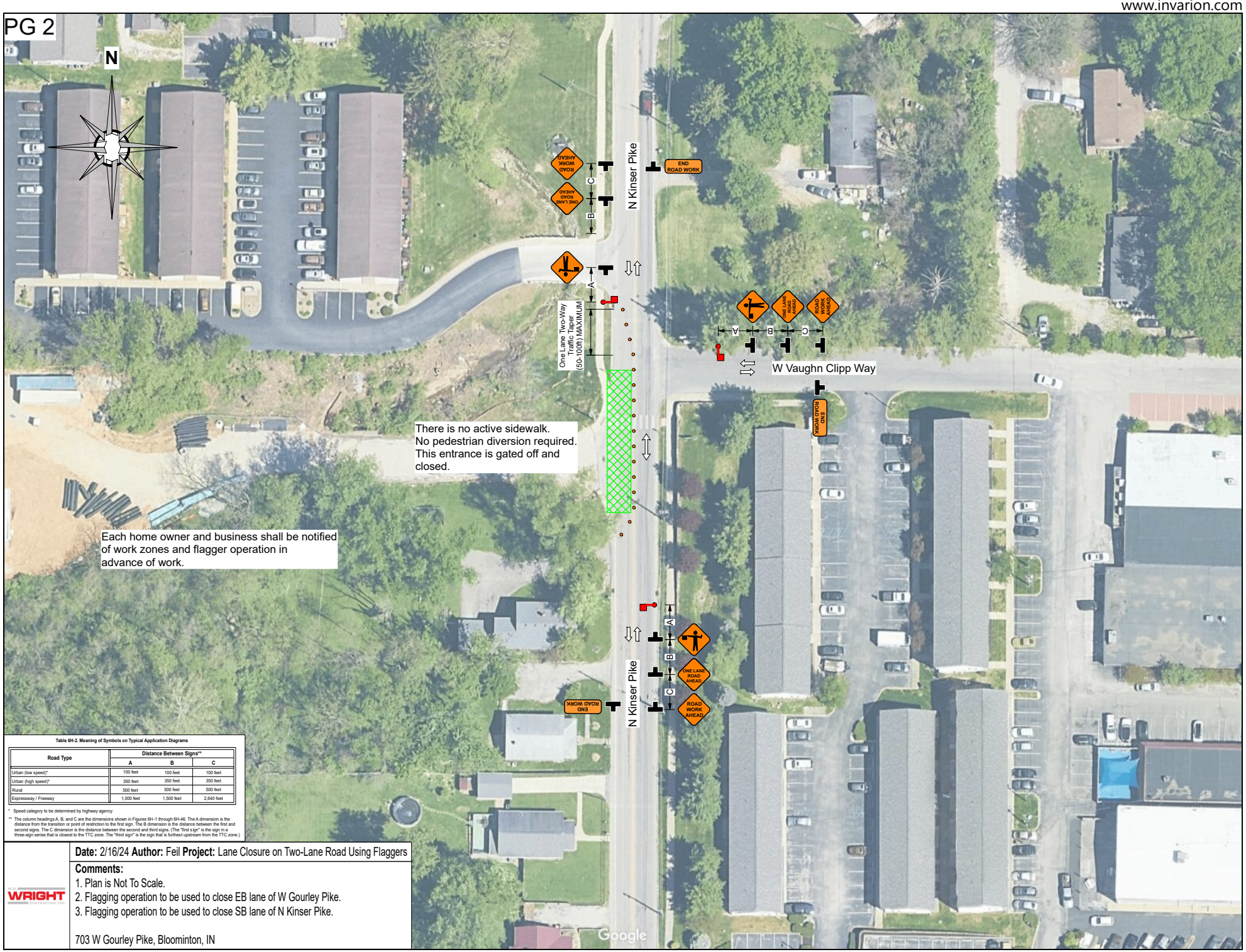
Date: 2/16/24 **Author:** Feil **Project:** Lane Closure on Two-Lane Road Using Flaggers

Comments:

1. Plan is Not To Scale.
2. Flagging operation to be used to close EB lane of W Gourley Pike.
3. Flagging operation to be used to close SB lane of N Kinser Pike.

703 W Gourley Pike, Bloominton, IN

PG 2



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* Speed category to be determined by highway agency

** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Date: 2/16/24 **Author:** Feil **Project:** Lane Closure on Two-Lane Road Using Flaggers

Comments:

1. Plan is Not To Scale.
2. Flagging operation to be used to close EB lane of W Gourley Pike.
3. Flagging operation to be used to close SB lane of N Kinser Pike.

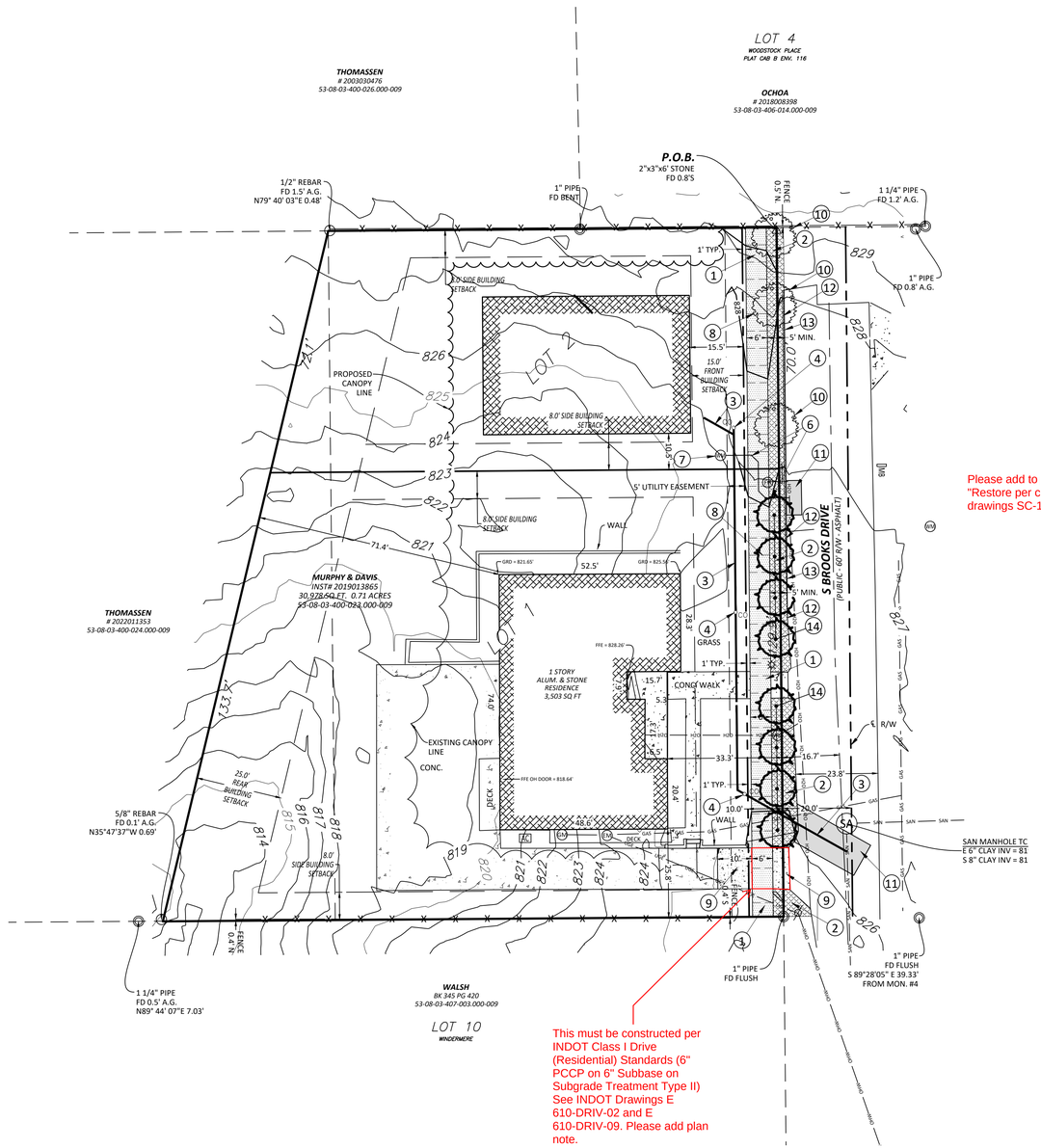
703 W Gourley Pike, Bloominton, IN

Board of Public Works
Staff Report

Project/Event:	Request for acceptance of Public Improvement Bond estimate for 1100 S. Brooks Dr.
Petitioner/Representative:	Matt Murphy
Staff Representative:	Maria McCormick
Date:	February 27, 2024

Report:

Matt Murphy is requesting approval of the Public Improvement Bond estimate for 1100 S. Brooks Drive. This property was recently subdivided into two lots. This bond covers the costs for all public improvements for this lot subdivision – sidewalks, curbs and street trees. This bond estimate has been reviewed and approved by Engineering Department staff at a value of $36,400.00



This must be constructed per INDOT Class I Drive (Residential) Standards (6" PCCP on 6" Subbase on Subgrade Treatment Type II) See INDOT Drawings E 610-DRIV-02 and E 610-DRIV-09. Please add plan note.

GENERAL NOTES

A. ALL DIMENSIONS ARE TO POINT OF TANGENCY, EDGE OF PAVEMENT, EDGE OF WALK, FACE OF BUILDING OR FENCELINE, UNLESS OTHERWISE NOTED. FACE OF CURB. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK.

B. CONTRACTOR IS REQUIRED TO VERIFY FIELD CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK.

C. ALL DISTURBED AREAS SHALL RECEIVE 6" OF TOP SOIL, SEED AND MULCH OR BE IMPROVED AS NOTED OTHERWISE.

Please add to plan note "(4" of INDOT Class A concrete on 4" of compacted INDOT #53 stone base on prepared subgrade). Completed walk must be in accordance with the latest issue of the PROWAG technical standards."

PLAN NOTES

1

1. 6' WIDE CONCRETE SIDEWALK
2. TREE PLOT – 5' MINIMUM WIDTH.
3. NEW 4" SANITARY SEWER LATERAL WITH LOCATE WIRE
4. NEW SANITARY SEWER CLEANOUT
5. CONNECT SANITARY SEWER SERVICE LATERAL TO SANITARY MAIN, COORDINATE WITH CBU.
6. NEW WATER SERVICE
7. NEW WATER METER
8. CONCRETE JOINTS
9. CONCRETE PAVEMENT TO MATCH THICKNESS OF EXISTING DRIVE REMAINING.
10. LARGE STREET TREE PER CITY OF BLOOMINGTON UDO SECTION 20.04.080 (d) PERMITTED PLANT SPECIES. (TOTAL OF 3 LARGE STREET TREE SPECIES)
11. FULL DEPTH ASPHALT PAVEMENT PATCH FOR UTILITY WORK WITHIN THE RIGHT-OF-WAY.
12. SAW CUT AND REMOVE ASPHALT PAVEMENT AND STONE BASE TO ACHIEVE THE REQUIRED 5' TREE PLOT. REPLACE EXCAVATED MATERIAL WITH TOPSOIL.
13. NEW EDGE OF ASPHALT PAVEMENT.
14. SMALL STREET TREE PER CITY OF BLOOMINGTON UDO SECTION 20.04.080 (d) PERMITTED PLANT SPECIES. (TOTAL OF 8 SMALL STREET TREE SPECIES)

Please add to plan note "Restore per city standards drawings SC-1 and SC-2"

LEGEND

- FD STONE
- FD REBAR
- SET REBAR
- FD MAG NAIL
- SANITARY MH
- WATER METER
- FIRE HYDRANT
- ELEC. METER
- GAS METER
- AC UNIT
- FENCE
- OVERHEAD WIRES
- MAILBOX
- UTILITY POLE
- (R) RECORD
- (M) MEASURED

- LIMITS OF NEW 6' WIDE CONCRETE SIDEWALK
- LIMITS OF TREE PLOT
- LIMITS OF CONCRETE DRIVE REPAIR
- LIMITS OF FULL DEPTH ASPHALT PAVEMENT PATCH FOR UTILITY WORK.
- LIMITS OF FULL DEPTH ASPHALT PAVEMENT REMOVAL.
- LARGE STREET TREE
- SMALL STREET TREE

Indiana 811
Know what's below. Call before you dig.
CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544 CALL TOLL FREE
PER INDIANA STATE LAW IC8-1-26,
IT IS AGAINST THE LAW TO EXCAVATE
WITHOUT NOTIFYING THE UNDERGROUND
LOCATION SERVICE TWO (2) WORKING DAYS
BEFORE COMMENCING WORK.

Bledsoe Riggert Cooper James
BRCJ
LAND SURVEYING • CIVIL ENGINEERING • GIS
1351 West Tapp Road Bloomington, Indiana 47403
Phone: 812-336-8277 www.brcjcivil.com

PRELIMINARY NOT FOR CONSTRUCTION

1100 S. BROOKS DRIVE SUBDIVISION

1100 South Brooks Drive
Bloomington, IN

BRCJ Project No: 11373

SITE IMPROVEMENT PLAN

20 0 20
SCALE: 1" = 20'
NORTH

Date: Issue:
08-28-2023 NOT FOR CONSTRUCTION

REVISION SCHEDULE

Rev. #	Rev. Description:	Issue Date

Drawn By: GBM
Designed By: WSR
Checked By: WSR

C301

BRCJ Project 11373 - 1100 S. Brooks Drive Subdivision

LINE	ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	BID AMOUNT
1	202-52710	CONCRETE SIDEWALK REMOVAL	5.18	SYS	$27.62	$143.07
2	202-52710	CONCRETE DRIVEWAY REMOVAL	15.67	SYS	$27.62	$432.81
3	202-02240	STREET PAVEMENT REMOVAL	34.11	SYS	$18.50	$631.04
4	201-02245	REMOVE 3 TREES AND 1 STUMP	4	EACH	$358.98	$1,435.92
5	203-02000	EXCAVATION, COMMON (DRIVE AREA & SIDEWALK)	35	CYDS	$31.07	$1,087.45
6	213-09270	FLOWABLE FILL (FOR STREET CUT), REMOVABLE	7	CYDS	$334.82	$2,343.74
7	303-01180	COMPACTED AGGREGATE NO. 53 (DRIVEWAY)	1.3	TON	$41.93	$54.51
8	303-01180	COMPACTED AGGREGATE NO. 53 (SIDEWALK)	17.81	TON	$41.93	$746.77
9	604-06070	CONCRETE FOR SIDEWALK	133.27	SYS	$79.53	$10,598.96
10	502-06457	PCCP, 9 IN. (FOR STREET CUT)	28.95	SYS	$105.45	$3,052.78
11	502-06457	PCCP, 9 IN. (DRIVEWAY)	7.81	SYS	$105.45	$823.56
12	401-11785	LIQUID ASPHALT SEALER	74	LFT	$0.29	$21.46
13	401-07321	SURFACE, 9.5 MM (FOR STREET CUT)	3.3	TON	$101.11	$333.66
14	622-05650	PLANT, DECIDUOUS TREE, SINGLE STEM, OVER 2 IN. TO 2.5 IN.	10	EACH	$578.51	$5,785.10
15	621-04978	SEED MIXTURE	126.47	SYS	$12.94	$1,636.52

Subtotal	$29,127.35
25% Contengecy	$7,281.84
Total	$36,409.19
Bond Value	**$36,400.00**

Board of Public Works
Staff Report

Project/Event:	Award concrete materials contract to Irving Materials, Inc.
Petitioner/Representative:	Adam Wason, Public Works
Staff Representative:	Joe VanDeventer, Street Division
Date:	February 27, 2023

Report:

Quotes were conducted, IMI was determined the most responsible and responsive with action to recommended upon the past usage of concrete materials by the City of Bloomington Public Works/Street Division.

Irving Materials, Inc.

2,500 +/-	Class A Concrete	$ 154.00/yd
	4000 lb Exterior Mix	$ 149.00/yd
500 +/-	Class A Concrete w/1% Calcium	$ 160.50.00/yd
	4000 lb Exterior Mix w/1% Cal	$ 152.75/yd
	Class A Concrete w/2% Calcium	$ 167.00/yd
	4000 lb Exterior Mix w/2% Cal	$ 156.50/yd
200 +/-	Class A Concrete w/Reinforcement	$ 171.50/yd
	4000 lb Exterior Mix – Fiber	$ 156.50/yd
500 +/-	Flowable Fill	$ 132.50/yd
Trip Charge if less than 2 yards		$ 200.00
Trip Charge if less than 4 yards		$ 150.00
Trip Charge if less than 6 yards		$ 100.00

Print Reset Form

City of Bloomington Contract and Purchase Justification Form

Vendor: Irving Materials, Inc. Contract Amount: $ 60,000

This form should be completed and attached to the contract documents and forwarded to the Legal Department Attorney assigned to your Department. Contracts will not be approved by the Controller if a completed form is not included with the contract documents.

PURCHASE INFORMATION

1. Check the box beside the procurement method used to initiate this procurement: (Attach a quote or bid tabulation if applicable)

- [x] Request for Quote (RFQ)
- [ ] Request for Proposal (RFP)
- [ ] Sole Source
- [ ] Not Applicable (NA)
- [ ] Invitation to Bid (ITB)
- [ ] Request for Qualifications (RFQu)
- [ ] Emergency Purchase

2. List the results of procurement process. Give further explanation where requested.

# of Submittals: 2

	Yes	No
Met city requirements?	[x]	[ ]
Met item or need requirements?	[x]	[ ]
Was an evaluation team used?	[ ]	[x]
Was scoring grid used?	[ ]	[x]
Were vendor presentations requested?	[ ]	[x]

	Yes	No
Was the lowest cost selected? (If no, please state below why it was not.)	[x]	[ ]

Quotes were opened at Board of Public Works work session on 2/26/2024.

3. State why this vendor was selected to receive the award and contract:

Quotes were conducted, Irving Materials, Inc. was determined the most responsible and responsive, action to recommend upon the past usage of concrete materials by the City of Bloomington Public Works/Street Division.

Joe Van Deventer	Director of Street Operations	Public Works/Street Division
Print/Type Name	Print/Type Title	Department

EXHIBIT A

BID FORM

FOR CLASS "A" PORTLAND CEMENT CONCRETE
RFQ #2024-PW-CONCRETE MATERIAL

	CLASS OR ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
1.	CONCRETE CLASS A	+/- 2,500	CYD	CLASS "A" CONCRETE	$154.00	$385,000.00
2.	CONCRETE WITH ADDITIVE	+/- 500	CYD	CLASS "A" CONCRETE 1-2% NON CHLORIDE	$160.50 for 1% $ $167.00 for 2%	$80,250.00 for 1% $ $83,500.00 for 2%
3.	CONCRETE WITH ADDITIVE	+/- 200	CYD	CLASS "A" CONCRETE WITH REINFORCEMENT	$171.50	$34,300.00
4.	MINIMUM LOAD FEE	1	TRIP	TRIP CHARGE IF LESS THAN 3 CUBIC YARDS ORDERED	$200 for less than 2 cubic yards $ $150 for less than 4 cubic yards $100 for less than 6 cubic yards	$
5.	CONCRETE	+/- 2,500	CYD	4000 LB EXTERIOR MIX Performance mix with Fly Ash	$149	$ 372,500.00
6.	CONCRETE WITH ADDITIVE	+/-500	CYD	4000 LB EXTERIOR MIX 1-2% CALCIUM Performance mix with Fly Ash	$152.75 for 1% $ $156.50 for 2%	$76,375.00 for 1% $ $78,250.00 for 2%
7.	CONCRETE WITH ADDITIVE	+/- 200	CYD	4000 LB EXTERIOR MIX FIBER	$156.50	$31,300.00
8.	CONCRETE	+/- 500	CYD	FLOWABLE FILL Mix quoted is 8000FF. Flowable Fill pricing may vary according to application	$132.50	$66,250.00

All material supplied shall meet the most **CURRENT INDOT** Standard Specifications for Sections 500, 600, 700, and 900. Other sections may be applicable for conformance to complete specifications. The supplier is responsible for ensuring they familiarize themselves with and understand all requirements for the material requested. Disqualification may occur at the discretion of the Board of Public Works should a supplier or the material provided not meet the requirements as stated in this quote request.

Enivornmental Fee: $20.00 per load

Winter Service Fee (November 1st-March 31st): $5.00 per cubic yard

EXHIBIT B

CITY OF BLOOMINGTON
BID, OFFER OR PROPOSAL FOR SALE OR LEASE OF MATERIALS

Class "A" Portland Cement Concrete and Additives
(PLEASE TYPE OR PRINT MATERIAL NAME)
02-20-2024
(DATE)

1. Governmental Unit: **City of Bloomington Board of Public Works**
2. County: **Monroe**
3. Bidder (Firm): imi Indiana, LLC. (Irving Materials, Inc.)

Address: 1800 N. Kinser Pike

City/State/Zip Code: Bloomington, IN 47404

4. Telephone Number: 812-333-8530
5. Agent of Bidder (if applicable): Andrew Bales

Pursuant to notices given, the undersigned offers bid(s) City of Bloomington Board of Public Works. In Accordance with the following attachment(s) which specify the class or item number or description, quantity, unit price and total amount.

The Contract will be awarded by classes or items, in accordance with specifications. Any changes or alterations in the items specified will render such bid void as to that class or item. Bidder promises that he/she has not offered nor received a less price than that price stated in his/her bid for the materials included in said bid. Bidder further agrees that he/she will not withdraw his/her bid from the office in which it is filed. A certified check or bond will be filed with each bid if required, and liability for breach shall be enforceable upon the contract, the bond or certified check or both as case may be.

Andrew W. Bales
SIGNATURE OF BIDDER OR AGENT

BID OFFER OR PROPOSAL

Attach separate sheet listing each item bid based on specifications published by governing body. The following is an example of this bid format:

CLASS OR ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT

EXHIBIT E

AFFIDAVIT THE LIVING WAGE ORDINANCE

The undersigned, being duly sworn, hereby affirms and says that:

1. The undersigned is the Sales Representative (title) of imi Indiana, LLC. (Irving Materials, Inc.) (company).

2. The company named herein that employs the undersigned has contracted with or is seeking to contract with the City of Bloomington to provide services.

3. The undersigned hereby states that, to the best of their knowledge and belief, the company named herein is subject to Bloomington City Ordinance 2.28, otherwise known as the "Living Wage Ordinance."

4. The projected employment needs under the award include the following: 0

5. The projected net increase or decrease in jobs for covered employees by job title that will result from awarding the assistance: 0

6. The undersigned hereby affirms that the smallest hourly wage to be earned by each of their covered employees shall be at least the living wage.

I affirm under the penalties of perjury that the foregoing facts and information are true and correct to the best of my knowledge and belief.

Andrew W. Bales
Signature

Andrew W. Bales
Printed name

STATE OF INDIANA)
) SS: COUNTY OF
Monroe)

Before me, a Notary Public in and for said County and State, personally appeared _____ and acknowledged the execution of the foregoing this 23 day of February, 2024

My Commission Expires: 12-16-25

County of Residence: Hancock

Carrie Heisler
Notary Public

Carrie Heisler
Name Printed

707780
Commission Number

CARRIE L HEISLER
Notary Public – Seal
Hancock County – State of Indiana
Commission Number 707780
My Commission Expires Dec 16, 2025

EXHIBIT D

NON-COLLUSION AFFIDAVIT

STATE OF Indiana)
SS:
COUNTY OF Monroe)

The undersigned bidder or agent, being duly sworn on oath, says that he/she has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership representative represented by him/her, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He/She further says that no person or persons, firms, or corporation has, have or will receive directly or indirectly, any rebate, fee, gift, commission or thing of value on account of such sale.

imi, Indiana LLC. (Irving Materials, Inc.)
BIDDER (FIRM)

Andrew W. Bales
SIGNATURE OF BIDDER OR AGENT

Subscribed and sworn to me this 20 day of February 20 24

My Commission Expires: 12-16-25

County of Residence: Hancock

Carrie Heisler
Notary Public

CARRIE L HEISLER
Notary Public – Seal
Hancock County – State of Indiana
Commission Number 707780
My Commission Expires Dec 16, 2025

EXHIBIT D

NON-COLLUSION AFFIDAVIT

STATE OF Indiana)
SS:
COUNTY OF Monroe)

The undersigned bidder or agent, being duly sworn on oath, says that he/she has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership representative represented by him/her, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He/She further says that no person or persons, firms, or corporation has, have or will receive directly or indirectly, any rebate, fee, gift, commission or thing of value on account of such sale.

imi, Indiana LLC. (Irving Materials, Inc.)
BIDDER (FIRM)

Type text here

Andrew W. Bales
SIGNATURE OF BIDDER OR AGENT

Subscribed and sworn to me this 20 day of February 20 24

My Commission Expires: _____

_____
Notary Public

County of Residence: _____

Affirmative Action Plan

Irving Materials, Inc. is committed to its Equal Employment Opportunity Policy. This includes a commitment to following the guidelines established in Executive Order #11246, as amended; Section 402 of the Vietnam Veterans Readjustment Assistance Act of 1994; and Section 503 of the Rehabilitation Act of 1973.

The company has an Equal Employment Opportunity Officer who is responsible to implement the company's EEO programs. This officer will coordinate the programs, advise and assist management and other key officials of the company; and will prepare and present periodic reports and shall make appropriate recommendations along these lines. The people in the company who have been assigned these responsibilities is Shawn Alpers/Carrie Heisler, 8032 N. State Rd. 9, Greenfield, IN 46140, 317-326-3101. His/Her name, address and telephone number will be posted on the bulletin boards at the Greenfield office so that he/she may be reached concerning Equal Employment Opportunity matters.

The company will take appropriate steps to assure that all employees and applicants are advised of this policy of nondiscrimination and of the company's interest in actively, and affirmatively providing Equal Employment Opportunity through the following actions:

A. Notices and posters setting forth the company's Equal Employment Opportunity Policy will be placed in areas readily accessible to the employees, applicants for employment, and potential employees;

B. All management and key personnel in a position to implement this policy, including those involved in training, recruitment, and other personnel activities, will be fully advised through the company's EEO Officer of the company's EEO policy and of their responsibility with respect to it;

C. The company will make periodic checks to assure total application of the EEO policy.

Hiring, promotion and transfer will be done without regard to race, age, color, religion, National Origin, sex, ancestry, disability, qualified disabled Veterans, or veterans of the Vietnam era. Supervisors will inform employees annually of any promotional opportunities.

The company will require that layoffs, termination's, down grading, and recall from layoffs are made without regard to race, age, color, religion, National Origin, sex, ancestry, disability, qualified veterans, or veterans of the Vietnam era.

In carrying out its Affirmative Action Policy of providing Equal Employment Opportunity, the company will insure that no employee will be discriminated against for reasons of race, age, color, religion, National Origin, sex, ancestry, disability, qualified disabled veterans, or veterans of the Vietnam era, with regard to:

A. Compensation;
B. Fringe Benefits;
C. Layoffs or Recalls;
D. Termination's;
E. Overtime Work;
F. Promotions;
G. Transfer;
H. Training;
I. Any other matters pertaining to employee/employer relationships.

Women will not be penalized in their conditions of employment because they require time away from work due to childbearing. They will be granted a leave of absence for a reasonable period of time and returned to the same position and pay which that was held before the leave.

It will be the policy of Irving Materials, Inc. to accommodate the religious observances and priorities of an employee, unless Irving Materials, Inc. is unable to reasonably accommodate to an employee's or prospective employee's religious observance or priorities, with undue hardship on the conduct of its business.

The company will continue to recruit prospective employees without regard to race, age, color, religion, National Origin, sex, ancestry, disability, qualified disabled veterans, or veterans of the Vietnam era, as follows:

A. By stating in all newspaper advertising for "Help Wanted" that the company is a Equal Opportunity Employer (AA/F/M/V/H);

B. By the company's supervisory and the EEO Officer personally and in writing, notifying sources of potential employees, such as employment agencies (private and governmental), unions, schools, and minority group organizations;

C. By using company minority group personnel in recruitment when there is a need for additional personnel;

D. By continued efforts to negotiate for Equal Employment Opportunity clauses in the company's labor contracts.

The company will continue its support of apprenticeship programs as follows:

A. By notifying all of our employees of available programs without regard to race, age, color, religion, National Origin, sex, ancestry, disability, qualified disabled veterans, or veterans of Vietnam era;

B. By notifying aforementioned potential sources of employees of available programs and providing assistance to interested persons in gaining admission;

C. By using apprentices on projects where the company deems feasible.

The company will continue its on the job training programs on an Equal Employment Opportunity basis and will continue to upgrade its employees without regard to race, age, color, religion, National Origin, sex, ancestry, disability, qualified disabled veterans, or veterans of the Vietnam era.

All employees are advised of any openings and/or training that may be available.

Through continuous intra-company training, we will instruct all supervisory personnel to request all referrals for employment without regard to race, age, color, religion, National Origin, sex, ancestry, disability, qualified disabled veterans, or veterans of the Vietnam era.

Specific grievance procedures are spelled out in the respective union contracts. Access to these documents by our employees is open. Copies can be obtained from the local union, the union steward, or the main office of Irving Materials, Inc. In any case, all employees are free to contact the EEO Officer, without fear of any retaliation, regarding any complaints alleging discrimination of any type.

Shawn Alpers/Carrie Heisler
EEO Officers, Greenfield Location
317-326-3101 (Office)

IRVING MATERIALS, INC.
ANTI-HARASSMENT POLICY

Harassment Prohibited

Irving Materials, Inc. strictly prohibits and does not tolerate harassment against employees or any other covered persons (including unpaid interns, independent contractors, consultants, and individuals who perform services based on a contract) because of an employee's or other covered person's actual or perceived race, religion, creed, national origin, ancestry, sex, sexual orientation, pregnancy, gender (including gender nonconformity and status as a transgender or transsexual individual), age, physical or mental disability, citizenship, genetic information, military status, color, marital status, protective order status, unfavorable discharge from military service, arrest record, expunged or sealed convictions, or any other characteristic protected under applicable federal, state, or local law.

Sexual Harassment

All Irving Materials, Inc. employees, unpaid interns, other workers, and representatives (including vendors, customers, clients, and visitors) are prohibited from harassing employees, unpaid interns, independent contractors, consultants, and any individual who performs services for the employer under a contract, based on that individual's actual or perceived sex or gender (including pregnancy and status as a transgender or transsexual individual) and regardless of the harasser's sex or gender.

Sexual harassment means any harassment based on someone's actual or perceived sex or gender. It includes harassment that is not sexual in nature (for example, offensive remarks about an individual's sex or gender), as well as any unwelcome sexual advances or requests for sexual favors or any other conduct of a sexual nature, when any of the following is true:

- Submission to the advance, request, or conduct is made either explicitly or implicitly a term or condition of employment.
- Submission to or rejection of the advance, request, or conduct is used as a basis for employment decisions.
- Such advances, requests, or conduct have the purpose or effect of substantially or unreasonably interfering with an employee's work performance by creating an intimidating, hostile, or offensive work environment.

Irving Materials, Inc. will not tolerate any form of sexual harassment, regardless of whether it is:

- Verbal (for example, epithets, derogatory statements, slurs, sexually related comments, jokes, unwelcome sexual advances, or requests for sexual favors).
- Physical (for example, assault or inappropriate physical contact).
- Visual (for example, displaying sexually suggestive posters, cartoons, or drawings, sending inappropriate adult-themed gifts, leering, or making sexual gestures).
- Textual/Electronic/Online (for example, "sexting" (electronically sending messages with sexual content), the use of sexually explicit language, harassment, cyber stalking and

threats via all forms of electronic or online communication, derogatory statements or sexually suggestive postings in any social media platform including Facebook, Twitter, Instagram, Snapchat, etc.).

This list is illustrative only, and not exhaustive. No form of sexual harassment will be tolerated.

Harassment is prohibited both at the workplace, at employer-sponsored events, and at any workplace or working location at which employees and other covered persons work.

Other Types of Harassment

Irving Materials, Inc.'s anti-harassment policy applies equally to harassment based on an employee's actual or perceived race, religion, creed, national origin, ancestry, age (40 and over), physical or mental disability, citizenship, genetic information, military status, color, marital status, protective order status, unfavorable discharge from military service, sexual orientation, arrest record, expunged or sealed convictions, pregnancy, or any other characteristic protected under applicable federal, state, or local law.

Such harassment often takes a similar form to sexual harassment and includes harassment that is:

- Verbal (for example, epithets, derogatory statements, slurs, derogatory comments, or jokes).
- Physical (for example, assault or inappropriate physical contact).
- Visual (for example, displaying derogatory posters, cartoons, or drawings, or making derogatory gestures).
- Textual/Electronic/Online (for example, the use of explicit language, harassment, cyber stalking and threats via all forms of electronic or online communication, derogatory statements or inappropriate suggestive postings in any social media platform including Facebook, Twitter, Instagram, Snapchat, etc.).

This list is illustrative only, and not exhaustive. No form of harassment will be tolerated.

Harassment is prohibited both at the workplace, at employer-sponsored events, and at any workplace or working location at which employees and other covered persons work.

Complaint Procedure

If you are subjected to any conduct that you believe violates this policy or witness any such conduct, you must promptly speak to, write, or otherwise contact your direct supervisor or, if the conduct involves your direct supervisor, the [next level above your direct supervisor/ Human Resources Department, ideally within ten (10) days of the offending conduct. If you have not received a satisfactory response within five (5) days after reporting any incident of what you perceive to be harassment, please immediately contact Human Resources. These individuals will ensure that a prompt investigation is conducted. Although not mandatory, a Complaint Form is available at your office/plant location to make your complaint if you wish to use it.

Your complaint should be as detailed as possible, including the names of all individuals involved and any witnesses. Irving Materials, Inc. will promptly, directly, and thoroughly investigate the

facts and circumstances of all claims of perceived harassment and will take prompt corrective action, if appropriate.

Additionally, any manager or supervisor who observes harassing conduct must report the conduct to Human Resources so that an investigation can be made and corrective action taken, if appropriate.

Irving Materials, Inc.'s goal is to identify and address harassing conduct internally. However, an employee has the right to contact his or her state or local human rights agency or the Equal Employment Opportunity Commission (EEOC) about filing a formal complaint. Contact information for the EEOC can be located on its website at https://www.eeoc.gov. Such state agencies may include the Indiana Civil Rights Commission, Ohio Civil Rights Commission, Kentucky Commission on Human Rights, Tennessee Human Rights Commission, and the Illinois Department of Human Rights (contact information for the IDHR can be found at https://www2.illinois.gov/dhr/AboutUs/pages/contact_idhr.aspx). While an employee may choose to contact these agencies before reporting the conduct internally, Irving Materials, Inc. can only address unwelcome conduct if employees provide the Company an opportunity to do so.

Confidentiality

All complaints will be investigated in as discreet and confidential a fashion as possible. All persons to whom a complaint is made or who learn of a complaint as part of a Company investigation must do everything reasonably possible to keep the complaint confidential in order to preserve the integrity of the investigation while it is ongoing, to ensure fairness to all involved, and to protect the privacy of team members who have brought complaints or are accused of misconduct. However, complete confidentiality cannot be guaranteed because a fair and effective investigation may necessitate disclosing some information to the alleged harasser and potential witnesses so that relevant information can be obtained.

No Retaliation

No one will be subject to, and Irving Materials, Inc. prohibits, any form of discipline, reprisal, intimidation, or retaliation for good faith reporting of incidents of harassment of any kind, pursuing any harassment claim, or cooperating in related investigations. For more information, please contact the Human Resources Department.

Irving Materials, Inc. is committed to enforcing this policy against all forms of harassment. However, the effectiveness of our efforts depends largely on employees telling us about inappropriate workplace conduct. If employees feel that they or someone else may have been subjected to conduct that violates this policy, they should report it immediately. If employees do not report harassing conduct, Irving Materials, Inc. may not become aware of a possible violation of this policy and may not be able to take appropriate corrective action.

Violations of This Policy

Any employee, regardless of position or title, whom the Human Resources Department determines has subjected an individual to harassment or retaliation in violation of this policy, will be subject to discipline, up to and including termination of employment.

Administration of This Policy

The Human Resources Department is responsible for the administration of this policy. If you have any questions regarding this policy or questions about harassment that are not addressed in this policy, please contact the Human Resources Department. This policy is subject to change at the sole discretion of Irving Materials Inc.

Employees Covered Under a Collective Bargaining Agreement

The employment terms set out in this policy work in conjunction with, and do not replace, amend, or supplement any terms or conditions of employment stated in any collective bargaining agreement that a union has with Irving Materials, Inc. Employees should consult the terms of their collective bargaining agreement/Wherever employment terms in this policy differ from the terms expressed in the applicable collective bargaining agreement with Irving Materials, Inc., employees should refer to the specific terms of the collective bargaining agreement, which will control.

Conduct Not Prohibited by This Policy

This policy is not intended to preclude or dissuade employees from engaging in activities protected by state or federal law, including the National Labor Relations Act, such as discussing wages, benefits, or terms and conditions of employment, forming, joining, or supporting labor unions, bargaining collectively through representatives of their choosing, raising complaints about working conditions for their and their fellow employees' mutual aid or protection, or legally required activities.

Acknowledgment of Receipt and Review of Anti-Harassment Policy

[I, _____ (employee name), acknowledge that on _____ (date), I received a copy of Irving Materials, Inc.'s Anti-Harassment Policy and that I read it, understood it, and agree to comply with it. I understand that Irving Materials, Inc. has the maximum discretion permitted by law to interpret, administer, change, modify, or delete this policy at any time with or without notice. No statement or representation by a supervisor or manager or any other employee, whether oral or written, can supplement or modify this policy. Changes to this policy can only be made if approved in writing by the Vice President of Human Resources of Irving Materials, Inc. I also understand that any delay or failure by Irving Materials, Inc. to enforce any work policy or rule will not constitute a waiver of Irving Materials, Inc.'s right to do so in the future. I understand that neither this policy nor any other communication by a management representative or any other employee, whether oral or written, is intended in any way to create a contract of employment. I understand that, unless I have a written employment agreement signed by an authorized Irving Materials, Inc. representative, **I am employed at will and this policy does not modify my at-will employment status.** If I have a written employment agreement signed by an authorized Irving Materials, Inc. representative and this policy conflicts with the terms of my employment agreement, I understand that the terms of my employment agreement will control.]

_____

Signature

_____

Printed Name

_____

Date

TO: **All Employees**

FROM: **Patrick O'Connell**

DATE: **March 10, 2021**

Re: **Equal Employment Opportunity**

imi

Company Memo

It has been and will continue to be the policy of Irving Materials, Inc. and all of its subsidiaries to extend equal opportunities to all qualified employees and applicants for employment without regard to race, religion, sex, gender identity, sexual orientation, pregnancy, status as a parent, national origin, age, disability (physical or mental), family medical history or genetic information, political affiliation, military service, or other non-merit-based factors. All phases of employment including but not limited to: recruitment, hiring, placement upgrading and promotion, demotion, transfer, layoff, recall, termination, selection for company sponsored training, rate of pay and other forms of compensation, use of all facilities and participation in all company sponsored activities, will be administered so as to further the principle of equal employment opportunity.

All employees are expected to comply with Irving Materials, Inc.'s EEO policy. Any questions concerning the EEO policy should be directed to your supervisor or the Human Resource department.

Violation of this policy will result in disciplinary action up to and including termination of employment.

Sincerely,

Patrick O'Connell
Chief Human Resources Officer

Board of Public Works Claim Register

Invoice Date Range 02/17/24 - 03/01/24

Vendor	Invoice Description	Received Date	Payment Date	Invoice Amount
Fund **101 - General Fund (S0101)**				
Department **01 - Animal Shelter**				
Program **010000 - Main**				
Account **43430 - Animal Adoption Fees**				
Kristen Lewis	01-refund adoption fee canine-2/3/24		03/01/2024	100.00
Maria Magallanes	01-refund adoption fee-feline-2/13/24		03/01/2024	90.00
	Account **43430 - Animal Adoption Fees** Totals	Invoice Transactions 2		$190.00
Account **52110 - Office Supplies**				
6530 - Office Depot, INC	01-White board cleaner, badges, highlighters		03/01/2024	56.67
6530 - Office Depot, INC	01-Envelope, paper, clipboards		03/01/2024	138.96
	Account **52110 - Office Supplies** Totals	Invoice Transactions 2		$195.63
Account **52210 - Institutional Supplies**				
4586 - Hill's Pet Nutrition Sales, INC	01-Dog, puppy, kitten & cat food		03/01/2024	217.91
4633 - Midwest Veterinary Supply, INC	01-vinyl exam gloves (L)		03/01/2024	27.35
4633 - Midwest Veterinary Supply, INC	01-Antibiotics		03/01/2024	103.91
4633 - Midwest Veterinary Supply, INC	01-Syringes, medication, thyroid medication		03/01/2024	293.15
4633 - Midwest Veterinary Supply, INC	01-Flavoring for compounding medications		03/01/2024	63.28
4633 - Midwest Veterinary Supply, INC	01-Sanitizer-Rescue concentrate 55 gallon drum		03/01/2024	1,678.92

4666 - Zoetis, INC	01-Canine and feline vaccines and Apoquel Tabs	03/01/2024	2,457.40
Account **52210 - Institutional Supplies** Totals		Invoice Transactions 7	$4,841.92
Account **52310 - Building Materials and Supplies**			
4832 - Animal Care Equipment & Services, LLC	01-cat dens for kennels	03/01/2024	586.48
8658 - Kleindorfer's Hardware LLC	01-Washers for basket repair	03/01/2024	1.48
Account **52310 - Building Materials and Supplies** Totals		Invoice Transactions 2	$587.96
Account **52340 - Other Repairs and Maintenance**			
313 - Fastenal Company	01-300 Trash liners	03/01/2024	157.32
313 - Fastenal Company	01-(2) dishwasher detergent	03/01/2024	240.88
Account **52340 - Other Repairs and Maintenance** Totals		Invoice Transactions 2	$398.20
Account **52420 - Other Supplies**			
8541 - Amazon.com Sales, INC (Amazon.com Services LLC)	01 - wall mount for Ipad	03/01/2024	69.99
Account **52420 - Other Supplies** Totals		Invoice Transactions 1	$69.99
Account **53130 - Medical**			
6529 - BloomingPaws, LLC	01-Emergency visit and euthanasia	03/01/2024	276.70
6529 - BloomingPaws, LLC	01-Emergency visit and wound care	03/01/2024	324.34
6529 - BloomingPaws, LLC	01-Emergency exams	03/01/2024	219.77
3376 - Bloomington Pets Alive, INC	01-Spay/Neuter Surgeries -1/2-1/31/24	03/01/2024	9,175.98
175 - Monroe County Humane Association, INC	01-Spay/Neuter Surgeries	03/01/2024	825.00
Account **53130 - Medical** Totals		Invoice Transactions 5	$10,821.79
Account **53510 - Electrical Services**			
223 - Duke Energy	02-Facilities Summary-FS#4 bill-12/23/23-02/02/24	02/21/2024	1,427.00
Account **53510 - Electrical Services** Totals		Invoice Transactions 1	$1,427.00

Board of Public Works Claim Register

Invoice Date Range 02/17/24 - 03/01/24

Account **53640 - Hardware and Software Maintenance**

4464 - Volgistics, INC	01-Volunteer Management Software-thru 3/15/25		03/01/2024	2,472.00
	Account **53640 - Hardware and Software Maintenance** Totals	Invoice Transactions	1	$2,472.00
	Program **010000 - Main** Totals	Invoice Transactions	23	$21,004.49

Program **010001 - Donations Over $5K**

Account **53130 - Medical**

3929 - IDEXX Laboratories, INC	01-Bloodwork January 2024		03/01/2024	349.18
	Account **53130 - Medical** Totals	Invoice Transactions	1	$349.18
	Program **010001 - Donations Over $5K** Totals	Invoice Transactions	1	$349.18
	Department **01 - Animal Shelter** Totals	Invoice Transactions	24	$21,353.67

Department **02 - Public Works**

Program **020000 - Main**

Account **52110 - Office Supplies**

8541 - Amazon.com Sales, INC (Amazon.com Services LLC)	02-Wireless Mouse for April in PW Admin		03/01/2024	23.07
8541 - Amazon.com Sales, INC (Amazon.com Services LLC)	02- Pens for Front Desk, batteries for PW Admin Office		03/01/2024	66.15
	Account **52110 - Office Supplies** Totals	Invoice Transactions	2	$89.22

Account **52420 - Other Supplies**

129 - FedEx Print Service, INC (Printing Only)	02-Printed DPW Organizational Chart Posters Acct #0547243307		03/01/2024	448.92
	Account **52420 - Other Supplies** Totals	Invoice Transactions	1	$448.92

Account **53910 - Dues and Subscriptions**

6891 - Gatehouse Media Indiana Holdings	02- Herald Times Subscription for Public Works-Acct #360519760		03/01/2024	249.60
	Account **53910 - Dues and Subscriptions** Totals	Invoice Transactions	1	$249.60

Account **53990 - Other Services and Charges**

204 - State Of Indiana	02-State of IN Local Utility Fee-Annual for 2021-DPW Sanitation		03/01/2024	9,900.00
Account **53990 - Other Services and Charges** Totals		Invoice Transactions	1	$9,900.00
Program **020000 - Main** Totals		Invoice Transactions	5	$10,687.74
Department **02 - Public Works** Totals		Invoice Transactions	5	$10,687.74

Department **03 - City Clerk**

Program **030000 - Main**

Account **53320 - Advertising**

205 - City Of Bloomington	03-2024 Womens History Month Luncheon Sponsorship		03/01/2024	1,000.00
Account **53320 - Advertising** Totals		Invoice Transactions	1	$1,000.00
Program **030000 - Main** Totals		Invoice Transactions	1	$1,000.00
Department **03 - City Clerk** Totals		Invoice Transactions	1	$1,000.00

Department **04 - Economic & Sustainable Dev**

Program **040000 - Main**

Account **52110 - Office Supplies**

8541 - Amazon.com Sales, INC (Amazon.com Services LLC)	04-EXPO Low Odor Dry Erase Markers, Ultra-Fine Tip, Assorted Col		03/01/2024	7.59
Account **52110 - Office Supplies** Totals		Invoice Transactions	1	$7.59

Account **53910 - Dues and Subscriptions**

5954 - The Greater Bloomington Chamber Of Commerce, INC	04-Registration for Legistrative Preview J. Kupersmith		03/01/2024	15.00
Account **53910 - Dues and Subscriptions** Totals		Invoice Transactions	1	$15.00

Account **53960 - Grants**

9166 - Heather Farmer (Bloomington Fine Art Supply, LLC)	04-Paint, canvas, and other materials for artist project		03/01/2024	500.00
174 - Hoosier Hills Food Bank INC	04- Grant for Local Food Purchase for Low Income Residents		03/01/2024	10,000.00
Account **53960 - Grants** Totals		Invoice Transactions	2	$10,500.00

Board of Public Works Claim Register

Invoice Date Range 02/17/24 - 03/01/24

	Program **040000 - Main** Totals	Invoice Transactions	4	$10,522.59
Program **04RCVR - Recover Foward**				
Account **53960 - Grants**				
321 - Harrell Fish, INC (HFI)	04-BCT HVAC System Upgrade 12/22/23		03/01/2024	405.00
	Account **53960 - Grants** Totals	Invoice Transactions	1	$405.00
	Program **04RCVR - Recover Foward** Totals	Invoice Transactions	1	$405.00
Program **04TECH - Trades Tech Center**				
Account **53990 - Other Services and Charges**				
3885 - Building Associates, INC	04-Trades District Tech Center-App 3 (Inv #14885)		03/01/2024	462,996.75
18844 - First Financial Bank, N.A.	04-Escrow for Building Associates-Trades Tech Ctr-Pay App 3		03/01/2024	24,368.25
	Account **53990 - Other Services and Charges** Totals	Invoice Transactions	2	$487,365.00
	Program **04TECH - Trades Tech Center** Totals	Invoice Transactions	2	$487,365.00
	Department **04 - Economic & Sustainable Dev** Totals	Invoice Transactions	7	$498,292.59
Department **06 - Controller's Office**				
Program **060000 - Main**				
Account **53320 - Advertising**				
6891 - Gatehouse Media Indiana Holdings	06-Public Notice for Add App Jan 24, 2024 (Funds 176/451)		03/01/2024	38.00
	Account **53320 - Advertising** Totals	Invoice Transactions	1	$38.00
	Program **060000 - Main** Totals	Invoice Transactions	1	$38.00
	Department **06 - Controller's Office** Totals	Invoice Transactions	1	$38.00
Department **07 - Engineering**				
Program **070000 - Main**				
Account **53990 - Other Services and Charges**				

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6378 - ANN-KRISS, LLC	19-Eng Dept reconfiguration/remodel-Final-2/13/24	BC 2024-001	03/01/2024	1,671.40
Account **53990 - Other Services and Charges** Totals		Invoice Transactions 1		$1,671.40

Account **54310 - Improvements Other Than Building**

10 - Bledsoe Riggert Cooper & James INC	07-RW Staking, 1st Street Reconstruction Utility Relocations		03/01/2024	720.00
Account **54310 - Improvements Other Than Building** Totals		Invoice Transactions 1		$720.00
Program **070000 - Main** Totals		Invoice Transactions 2		$2,391.40
Department **07 - Engineering** Totals		Invoice Transactions 2		$2,391.40

Department **09 - CFRD**

Program **090000 - Main**

Account **52110 - Office Supplies**

6530 - Office Depot, INC	09-Black Pens, Blue Pens		03/01/2024	59.74
6530 - Office Depot, INC	09- 9 x 12 Envelopes		03/01/2024	16.26
Account **52110 - Office Supplies** Totals		Invoice Transactions 2		$76.00

Account **53960 - Grants**

205 - City Of Bloomington	09-2024 Women's History Month Luncheon Sponsorship		03/01/2024	1,000.00
205 - City Of Bloomington	09-Black History Month Sponsorship 2024-Platinum Level		03/01/2024	2,000.00
8002 - Safeguard Business Systems, INC	09-DVC Youth Empowerment Campaign-500 ct posters		03/01/2024	729.14
Account **53960 - Grants** Totals		Invoice Transactions 3		$3,729.14
Program **090000 - Main** Totals		Invoice Transactions 5		$3,805.14
Department **09 - CFRD** Totals		Invoice Transactions 5		$3,805.14

Department **11 - Mayor's Office**

Program **110000 - Main**

Account **52110 - Office Supplies**

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8541 - Amazon.com Sales, INC (Amazon.com Services LLC)	11 - sliding 'busy' door signs for Mayor and Deputy Mayor		03/01/2024	15.64
501 - Karl Clark (KC Designs)	11 - note cards, thank you cards, envelopes for Mayor		03/01/2024	410.00
6530 - Office Depot, INC	11- in box tray for Mayor		03/01/2024	59.99
	Account **52110 - Office Supplies** Totals	Invoice Transactions	3	$485.63
Account **52420 - Other Supplies**				
7149 - Namify, LLC	11 - name tags per requests (24)		03/01/2024	285.70
9148 - Office Easel LLC	11-16 banners for employee health clinic		03/01/2024	48.00
	Account **52420 - Other Supplies** Totals	Invoice Transactions	2	$333.70
Account **53320 - Advertising**				
50706 - Bloomington Magazine, INC (Bloom Magazine)	11 - ads in magazine for city for Feb & March		03/01/2024	1,454.00
	Account **53320 - Advertising** Totals	Invoice Transactions	1	$1,454.00
Account **53910 - Dues and Subscriptions**				
205 - City Of Bloomington	11-Platinum sponsorship-2024 Women's History Month Luncheon		03/01/2024	1,000.00
3164 - New Hope Family Shelter, INC	11-Silver Event Partnership -4 tickets		03/01/2024	2,500.00
5954 - The Greater Bloomington Chamber Of Commerce, INC	11 - sponsorship for GBCC programs (5)		03/01/2024	9,000.00
	Account **53910 - Dues and Subscriptions** Totals	Invoice Transactions	3	$12,500.00
Account **53990 - Other Services and Charges**				
53163 - Warm Hugs LLC (My Sports Locker)	11 -2 Jackets for OOTM Leadership		03/01/2024	207.00
	Account **53990 - Other Services and Charges** Totals	Invoice Transactions	1	$207.00
	Program **110000 - Main** Totals	Invoice Transactions	10	$14,980.33
	Department **11 - Mayor's Office** Totals	Invoice Transactions	10	$14,980.33
Department **12 - Human Resources**				
Program **120000 - Main**				

Account **52110 - Office Supplies**

6530 - Office Depot, INC	12-notepad		03/01/2024	3.90
6530 - Office Depot, INC	12-stapler		03/01/2024	16.91
6530 - Office Depot, INC	12-tissues		03/01/2024	7.99
6530 - Office Depot, INC	12-pen,wipes,cork board.folder.tape.calendar		03/01/2024	248.99
Account **52110 - Office Supplies** Totals		Invoice Transactions 4		$277.79

Account **53990 - Other Services and Charges**

53442 - Paragon Micro, INC	12-Adobe Pro Software - Lauren Adams		03/01/2024	489.99
Account **53990 - Other Services and Charges** Totals		Invoice Transactions 1		$489.99
Program **120000 - Main** Totals		Invoice Transactions 5		$767.78
Department **12 - Human Resources** Totals		Invoice Transactions 5		$767.78

Department **13 - Planning**

Program **132000 - MPO**

Account **53990 - Other Services and Charges**

3414 - Burgess & Niple, INC	13- BMCMPO 2050 Transportation Plan 12/01/23-12/31/23	BC 2023-082	03/01/2024	2,000.00
5217 - Midwestern Software Solutions, LLC	13- Transportation Data Management Svstem 3/1/24-2/28/25		03/01/2024	1,471.00
Account **53990 - Other Services and Charges** Totals		Invoice Transactions 2		$3,471.00
Program **132000 - MPO** Totals		Invoice Transactions 2		$3,471.00
Department **13 - Planning** Totals		Invoice Transactions 2		$3,471.00

Department **19 - Facilities Maintenance**

Program **190000 - Main**

Account **52310 - Building Materials and Supplies**

8541 - Amazon.com Sales, INC (Amazon.com Services LLC)	19 - no Parking signs		03/01/2024	80.97

8541 - Amazon.com Sales, INC (Amazon.com Services LLC)	19 - Parking signs and paint stencil		03/01/2024	61.98
409 - Black Lumber Co. INC	19 - Alum drywall square, shop towels		03/01/2024	34.93
651 - Engraving & Stamp Center, INC	19 - City Hall plaques and magnetic strips		03/01/2024	41.86
8658 - Kleindorfer's Hardware LLC	19 - screws, super glue, tack, socket, adapter, buckets, rollers		03/01/2024	73.17
8658 - Kleindorfer's Hardware LLC	19 - key, light socket, paint, lock, cord, frame for PW		03/01/2024	128.69
	Account **52310 - Building Materials and Supplies** Totals	Invoice Transactions 6		$421.60
Account **52430 - Uniforms and Tools**				
19171 - Aramark Uniform & Career Apparel Group, INC	19 - Pants for R Flake - 2/1/2024		03/01/2024	12.41
19171 - Aramark Uniform & Career Apparel Group, INC	19 - Pants for R Flake - 2/8/2024		03/01/2024	12.41
	Account **52430 - Uniforms and Tools** Totals	Invoice Transactions 2		$24.82
Account **53140 - Exterminator Services**				
51538 - Economy Termite & Pest Control, INC	19-City Hall-Counsel Office-monthly pest control-2/12/24	BC 2023-070	03/01/2024	75.00
	Account **53140 - Exterminator Services** Totals	Invoice Transactions 1		$75.00
Account **53510 - Electrical Services**				
223 - Duke Energy	02-Facilities Summary-FS#4 bill-12/23/23-02/02/24		02/21/2024	9,817.15
	Account **53510 - Electrical Services** Totals	Invoice Transactions 1		$9,817.15
Account **53530 - Water and Sewer**				
208 - City Of Bloomington Utilities	19-Temp Mtr-Graffiti Team-water/sewer bill-January 2024		02/21/2024	16.16
	Account **53530 - Water and Sewer** Totals	Invoice Transactions 1		$16.16
Account **53610 - Building Repairs**				
321 - Harrell Fish, INC (HFI)	19-SA-City Hall quarterly planned maintenance-Feb 2024	BC 2023-074	03/01/2024	2,088.00
321 - Harrell Fish, INC (HFI)	19 - SA City Hall repair baseboard heaters-12/21/23	BC 2023-074	03/01/2024	180.00
1537 - Indiana Door & Hardware Specialties, INC	19 - SA keys for Hopewell site (10)	BC 2023-076	03/01/2024	90.00

393 - Kone INC	19 - SA City Hall elevator maintenance Feb 2024		03/01/2024	332.87
7402 - Nature's Way, INC	19- Monthly Plant Maintenance @ City Hall-2/1/2024	BC 2023-102	03/01/2024	371.10
Account **53610 - Building Repairs** Totals		Invoice Transactions	5	$3,061.97
Program **190000 - Main** Totals		Invoice Transactions	16	$13,416.70
Department **19 - Facilities Maintenance** Totals		Invoice Transactions	16	$13,416.70
Department **28 - ITS**				
Program **280000 - Main**				
Account **52110 - Office Supplies**				
6530 - Office Depot, INC	28- Copy Paper Supply at Shower Building-10 cases		03/01/2024	384.00
Account **52110 - Office Supplies** Totals		Invoice Transactions	1	$384.00
Account **52420 - Other Supplies**				
8437 - AVI Systems, INC	28 - Alison & Hooker Conference Room Wall Panels		03/01/2024	2,095.00
8437 - AVI Systems, INC	28-Alison & Hooker Conference Room Wall Panels		03/01/2024	2,095.00
Account **52420 - Other Supplies** Totals		Invoice Transactions	2	$4,190.00
Account **53640 - Hardware and Software Maintenance**				
3989 - Ricoh USA, INC	2-4th St Garage- Printer/Copier Maintenance 01/01/24-01/31/24		03/01/2024	29.01
Account **53640 - Hardware and Software Maintenance** Totals		Invoice Transactions	1	$29.01
Account **53910 - Dues and Subscriptions**				
6309 - CivicPlus, LLC	28-2024 ArchiveSocial Annual Social Media Archive		03/01/2024	8,388.00
8441 - Promevo Holdings, INC (Promevo, LLC)	28-Google Enterprise & gPanel Renewal & Archive January 2024		03/01/2024	129.80
8441 - Promevo Holdings, INC (Promevo, LLC)	28-Google Voice Monthly Subscription Six Mths of January 2024		03/01/2024	67.89
Account **53910 - Dues and Subscriptions** Totals		Invoice Transactions	3	$8,585.69
Account **54420 - Purchase of Equipment**				

8473 - Datacom Connect, INC	28 - Structured wiring for Showers 02/08/24		03/01/2024	21,925.00
5534 - Presidio Holdings, INC	28-(2)Horizontal pole/wall mounting kit for Seminary Park wifi		03/01/2024	189.23
5534 - Presidio Holdings, INC	28-Seminary Park Wi-Fi - Exterior Box		03/01/2024	2,133.68
5534 - Presidio Holdings, INC	28-Seminary Park Wi-Fi - AP Deployment		03/01/2024	1,907.87
	Account **54420 - Purchase of Equipment** Totals	Invoice Transactions	4	$26,155.78
	Program **280000 - Main** Totals	Invoice Transactions	11	$39,344.48
	Department **28 - ITS** Totals	Invoice Transactions	11	$39,344.48
	Fund **101 - General Fund (S0101)** Totals	Invoice Transactions	89	$609,548.83
Fund **103 - Restricted Donations(ord 05-17)**				
Department **06 - Controller's Office**				
Program **400101 - Animal Medical Services**				
Account **53130 - Medical**				
50350 - Arlington Heights Veterinary Hospital, INC	01 - dental surgery and wound care		03/01/2024	465.37
50350 - Arlington Heights Veterinary Hospital, INC	01 - dental surgery, amputation, spay/neuter		03/01/2024	11,662.47
	Account **53130 - Medical** Totals	Invoice Transactions	2	$12,127.84
	Program **400101 - Animal Medical Services** Totals	Invoice Transactions	2	$12,127.84
Program **400102 - Animal Supplies**				
Account **52210 - Institutional Supplies**				
8541 - Amazon.com Sales, INC (Amazon.com Services LLC)	01-Martingale Collars, Stainless Treat Buckets, Mortar & Pestle		03/01/2024	385.83
	Account **52210 - Institutional Supplies** Totals	Invoice Transactions	1	$385.83
Account **52310 - Building Materials and Supplies**				
453 - ULINE, INC	01 - chairs, cast, desk chairs, tote		03/01/2024	2,480.80
	Account **52310 - Building Materials and Supplies** Totals	Invoice Transactions	1	$2,480.80

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	Program **400102 - Animal Supplies** Totals	Invoice Transactions	2	$2,866.63
	Department **06 - Controller's Office** Totals	Invoice Transactions	4	$14,994.47
	Fund **103 - Restricted Donations(ord 05-17)** Totals	Invoice Transactions	4	$14,994.47

Fund **153 - LIT – Economic Development**

Department **12 - Human Resources**

Program **120000 - Main**

Account **53990 - Other Services and Charges**

7906 - Timothy Robert Street	12-T Street Edu Reimbursement - 6/28/23	03/01/2024	345.00
5444 - Tyler Technologies, INC	12-Third Party Applicant Interface	03/01/2024	1,600.00
5444 - Tyler Technologies, INC	12-3rd Party Applicant Interface annual maint fee 2/1/24-1/31/25	03/01/2024	436.00
5444 - Tyler Technologies, INC	12-Third Party Applicant Interface - License	03/01/2024	2,420.00

Account **53990 - Other Services and Charges** Totals	Invoice Transactions	4	$4,801.00
Program **120000 - Main** Totals	Invoice Transactions	4	$4,801.00
Department **12 - Human Resources** Totals	Invoice Transactions	4	$4,801.00
Fund **153 - LIT – Economic Development** Totals	Invoice Transactions	4	$4,801.00

Fund **157 - LOIT Special Distribution(S0075)**

Department **20 - Street**

Program **200000 - Main**

Account **54440 - Motor Equipment**

2096 - West Side Tractor Sales CO.	20-2024 John Deere 50P Mini Excavators (SW-Contract 032119-JDC)	03/01/2024	82,615.39

Account **54440 - Motor Equipment** Totals	Invoice Transactions	1	$82,615.39
Program **200000 - Main** Totals	Invoice Transactions	1	$82,615.39
Department **20 - Street** Totals	Invoice Transactions	1	$82,615.39

	Fund **157 - LOIT Special Distribution(S0075)** Totals	Invoice Transactions	1	$82,615.39
Fund **176 - ARPA Local Fiscal Recvry (S9512)**				
Department **04 - Economic & Sustainable Dev**				
Program **G21005 - ARPA COVID Local Fiscal Recovery**				
Account **53310 - Printing**				
8448 - TEN31 Marketing LLC	04-Marketing Services for GoBloomington Jan 2024		03/01/2024	7,232.50
	Account **53310 - Printing** Totals	Invoice Transactions	1	$7,232.50
Account **53960 - Grants**				
5695 - 1818 Apparel Co., INC (dba Freethink AppareI)	04: (150) Go Bloomington t-shirts		03/01/2024	1,522.50
	Account **53960 - Grants** Totals	Invoice Transactions	1	$1,522.50
Account **53970 - Mayor's Promotion of Business**				
3404 - J.R. Watkins & Family, INC (Signs Now)	04: Go Bloomington posters, Bike to Earth Dav		03/01/2024	798.00
	Account **53970 - Mayor's Promotion of Business** Totals	Invoice Transactions	1	$798.00
	Program **G21005 - ARPA COVID Local Fiscal Recovery** Totals	Invoice Transactions	3	$9,553.00
	Department **04 - Economic & Sustainable Dev** Totals	Invoice Transactions	3	$9,553.00
	Fund **176 - ARPA Local Fiscal Recvry (S9512)** Totals	Invoice Transactions	3	$9,553.00
Fund **249 - Grants Non Approp**				
Department **04 - Economic & Sustainable Dev**				
Program **G22008 - 2021 to 2024 Brownfield**				
Account **53990 - Other Services and Charges**				
4571 - BCA Environmental Consultants, LLC	04-EPA Brownfield Grant Inventory thru January 31, 2024		03/01/2024	480.00
4571 - BCA Environmental Consultants, LLC	04-EPA Brownfield Grant Clean-up (Night Movel)-thru 1/31/24		03/01/2024	548.05
4571 - BCA Environmental Consultants, LLC	04-EPA Brownfield Grant Eligib. Deter thru January 31, 2024		03/01/2024	510.00

4571 - BCA Environmental Consultants, LLC	04-EPA Brownfield Grant Prg Mng. thru January 31, 2024		03/01/2024	400.00
4571 - BCA Environmental Consultants, LLC	04-EPA Brownfield Grant EPA Ass. thru January 31, 2024		03/01/2024	22,467.88
4571 - BCA Environmental Consultants, LLC	04-EPA Brownfield Grant Switchyard thru January 31, 2024		03/01/2024	1,567.60
	Account **53990 - Other Services and Charges** Totals	Invoice Transactions	6	$25,973.53
	Program **G22008 - 2021 to 2024 Brownfield** Totals	Invoice Transactions	6	$25,973.53
	Department **04 - Economic & Sustainable Dev** Totals	Invoice Transactions	6	$25,973.53
	Fund **249 - Grants Non Approp** Totals	Invoice Transactions	6	$25,973.53
Fund **312 - Community Services**				
Department **09 - CFRD**				
Program **090002 - Com Serv - MLK Comm**				
Account **52420 - Other Supplies**				
8425 - Michelle Lynn Moss	09-Reimb for MLK Keynote Speaker Meal- 1/15/24		03/01/2024	54.00
	Account **52420 - Other Supplies** Totals	Invoice Transactions	1	$54.00
	Program **090002 - Com Serv - MLK Comm** Totals	Invoice Transactions	1	$54.00
Program **090016 - Com Serv - Safe & Civil**				
Account **52420 - Other Supplies**				
8842 - Sahm's Hospitality Group (Sahm's Clubhouse)	09-Catering for Guests-2024 Black History Month Kickoff Event		03/01/2024	916.49
	Account **52420 - Other Supplies** Totals	Invoice Transactions	1	$916.49
Account **53990 - Other Services and Charges**				
9149 - Tyra Anderson	09-Fee for Singing at Black History Month Kickoff 2024		03/01/2024	200.00
	Account **53990 - Other Services and Charges** Totals	Invoice Transactions	1	$200.00
	Program **090016 - Com Serv - Safe & Civil** Totals	Invoice Transactions	2	$1,116.49
	Department **09 - CFRD** Totals	Invoice Transactions	3	$1,170.49

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	Fund **312 - Community Services** Totals	Invoice Transactions	3	$1,170.49
Fund **401 - Non-Reverting Telecom (S1146)**				
Department **25 - Telecommunications**				
Program **254000 - Infrastructure**				
Account **53640 - Hardware and Software Maintenance**				
902 - Indiana Underground Plant Protection Service, INC	25 - IN Underground - BDU 811 Line Location Service Jan 2024		03/01/2024	380.00
13482 - Northern Lights Locating & Inspection, INC	25 - BDU Line Locates & Emerg Call Fees January 2024		03/01/2024	2,500.00
	Account **53640 - Hardware and Software Maintenance** Totals	Invoice Transactions	2	$2,880.00
	Program **254000 - Infrastructure** Totals	Invoice Transactions	2	$2,880.00
Program **256000 - Services**				
Account **53150 - Communications Contract**				
4170 - Comcast Cable Communications, INC	25-Internet-627 N Morton-02/17-03/16/2024		02/21/2024	278.40
	Account **53150 - Communications Contract** Totals	Invoice Transactions	1	$278.40
Account **54450 - Equipment**				
8541 - Amazon.com Sales, INC (Amazon.com Services LLC)	25-CapR Clerk Nicole Bolden Dock		03/01/2024	468.99
6222 - Apple, INC	25 - CAPR for Clerk Nicole Bolden MacBook		03/01/2024	3,122.00
	Account **54450 - Equipment** Totals	Invoice Transactions	2	$3,590.99
	Program **256000 - Services** Totals	Invoice Transactions	3	$3,869.39
	Department **25 - Telecommunications** Totals	Invoice Transactions	5	$6,749.39
	Fund **401 - Non-Reverting Telecom (S1146)** Totals	Invoice Transactions	5	$6,749.39
Fund **450 - Local Road and Street(S0706)**				
Department **20 - Street**				
Program **200000 - Main**				

Account **53520 - Street Lights / Traffic Signals**

223 - Duke Energy	02-Street Light (Misc Lights)-12/2/23-02/01/24		02/21/2024	1,499.62
223 - Duke Energy	02-Street Light (Misc Lights)-12/02/23-02/01/24		02/21/2024	7,942.71
223 - Duke Energy	02-Street Light (Misc Lights)-12/02/23-02/01/24		02/21/2024	3,884.87
223 - Duke Energy	02-Street Light (Misc Lights)-12/02/23-02/01/24		02/21/2024	987.69
223 - Duke Energy	02-Street Light (Misc Lights)-12/02/23-02/01/24		02/21/2024	1,182.95
223 - Duke Energy	02-Street Light (Misc Lights)-12/03/23-2/2/24		02/21/2024	1,904.29
223 - Duke Energy	02-Street Light (Misc Lights)-12/02/23-02/05/24		02/21/2024	1,296.16
	Account **53520 - Street Lights / Traffic Signals** Totals	Invoice Transactions	7	$18,698.29
	Program **200000 - Main** Totals	Invoice Transactions	7	$18,698.29
	Department **20 - Street** Totals	Invoice Transactions	7	$18,698.29
	Fund **450 - Local Road and Street(S0706)** Totals	Invoice Transactions	7	$18,698.29

Fund **451 - Motor Vehicle Highway(S0708)**

Department **20 - Street**

Program **200000 - Main**

Account **52110 - Office Supplies**

8541 - Amazon.com Sales, INC (Amazon.com Services LLC)	20-Credit Return for wire organizers		03/01/2024	(19.98)
8541 - Amazon.com Sales, INC (Amazon.com Services LLC)	20-Admin Office Supplies (pens, folder organizer)		03/01/2024	31.47
8541 - Amazon.com Sales, INC (Amazon.com Services LLC)	20-Admin Office Supplies (file folders)		03/01/2024	22.49
	Account **52110 - Office Supplies** Totals	Invoice Transactions	3	$33.98

Account **52210 - Institutional Supplies**

313 - Fastenal Company	20-safety supplies for crews-gloves		03/01/2024	125.49
313 - Fastenal Company	20-Safety Supplies for Crews-gloves, spray paint		03/01/2024	302.51

	Account **52210 - Institutional Supplies** Totals	Invoice Transactions	2	$428.00
Account **52420 - Other Supplies**				
409 - Black Lumber Co. INC	20-(3) 1xf-8 Treated boards for 1815 E. Kensington		03/01/2024	13.92
409 - Black Lumber Co. INC	20-6x8 tarp for hot box		03/01/2024	6.99
8658 - Kleindorfer's Hardware LLC	20-(2) 1 1/8 locknuts, (2) lock washers for bush hog		03/01/2024	9.40
	Account **52420 - Other Supplies** Totals	Invoice Transactions	3	$30.31
Account **53130 - Medical**				
231 - IU Health OCC Health Services	20-DOT 5 Panel E Screen Employees R. Staggs-1/5/24		03/01/2024	50.00
	Account **53130 - Medical** Totals	Invoice Transactions	1	$50.00
Account **53150 - Communications Contract**				
5465 - Emergency Radio Service LLC (ERS-OCI Wireless)	20-Two-way radio services for crews 02/01/24-02/29/24		03/01/2024	2,321.25
	Account **53150 - Communications Contract** Totals	Invoice Transactions	1	$2,321.25
Account **53160 - Instruction**				
2871 - International Municipal Signal Association (IMSA)	20-2024 Membership Dues for IMSA (Akers, Phipps, Prince)		03/01/2024	200.00
	Account **53160 - Instruction** Totals	Invoice Transactions	1	$200.00
Account **53510 - Electrical Services**				
223 - Duke Energy	02-Facilities Summary-FS#4 bill-12/23/23-02/02/24		02/21/2024	704.07
	Account **53510 - Electrical Services** Totals	Invoice Transactions	1	$704.07
Account **53540 - Natural Gas**				
222 - Indiana Gas Co. INC (CenterPoint Energy) (Vectren)	20-Traffic bldg-gas bill 01/04/24-02/06/24		02/21/2024	178.43
222 - Indiana Gas Co. INC (CenterPoint Energy) (Vectren)	20-Street Dept-gas bill 01/05/24-02/06/24		02/21/2024	294.35
	Account **53540 - Natural Gas** Totals	Invoice Transactions	2	$472.78
Account **53610 - Building Repairs**				

6378 - ANN-KRISS, LLC	20-Recoat & Seal Street Building Roof 02/13/24		03/01/2024	4,850.00
32 - Cassady Electrical Contractors, INC	20-SA replaced GFI breakers & covers at Street Dept	BC 2023-068	03/01/2024	396.95
Account **53610 - Building Repairs** Totals		Invoice Transactions	2	$5,246.95
Account **53630 - Machinery and Equipment Repairs**				
2974 - MacAllister Machinery Co, INC	20-Outside Repairs to Milling Machine 01/18/24		03/01/2024	15,641.48
2974 - MacAllister Machinery Co, INC	20-Preventative Maintenance Repairs to Paver		03/01/2024	7,018.77
Account **53630 - Machinery and Equipment Repairs** Totals		Invoice Transactions	2	$22,660.25
Account **53920 - Laundry and Other Sanitation Services**				
19171 - Aramark Uniform & Career Apparel Group, INC	20-uniform rental (minus payroll ded)-2/7/24		03/01/2024	8.35
19171 - Aramark Uniform & Career Apparel Group, INC	20-mat/towel service-2/7/24		03/01/2024	38.47
19171 - Aramark Uniform & Career Apparel Group, INC	20-uniform rental (minus payroll ded)-2/14/24		03/01/2024	8.35
Account **53920 - Laundry and Other Sanitation Services** Totals		Invoice Transactions	3	$55.17
Account **53990 - Other Services and Charges**				
8059 - BAMWX LLC	20-Weather Services for 2/1/2024 to 2/1/2025		03/01/2024	2,322.00
902 - Indiana Underground Plant Protection Service, INC	20-Line Locate Ticket Services for January 2024		03/01/2024	662.15
603 - Traffic Control Corporation	20-2024 Connectivity & Support Plan for Traffic Signals (52)		03/01/2024	11,320.00
1420 - Richard Trinkle (Trinkle SnowPlowing LLC)	20- SA Snow Renoval & Salt Pathways 01/13/24-01/19/24	BC 2023-113	03/01/2024	7,940.00
Account **53990 - Other Services and Charges** Totals		Invoice Transactions	4	$22,244.15
Program **200000 - Main** Totals		Invoice Transactions	25	$54,446.91
Department **20 - Street** Totals		Invoice Transactions	25	$54,446.91
Fund **451 - Motor Vehicle Highway(S0708)** Totals		Invoice Transactions	25	$54,446.91
Fund **452 - Parking Facilities(S9502)**				
Department **26 - Parking**				

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Program **260000 - Main**

Account **52310 - Building Materials and Supplies**

3397 - Evens Time, INC	26-4th St Garage-replacement boom for exit gate arm-2/2/24		03/01/2024	229.87
3397 - Evens Time, INC	26- extra breakaway shims for gate repairs for all garage		03/01/2024	255.70
5099 - Office Three Sixty, INC	26-glass cleaner, all purpose, towels, trash bags, gloves, towel		03/01/2024	586.43
4394 - Richardson Enterprises of Blgtn,LLC (FastSigns)	26-fire control panel sign for trades district garage		03/01/2024	108.50
	Account **52310 - Building Materials and Supplies** Totals	Invoice Transactions 4		$1,180.50

Account **52430 - Uniforms and Tools**

8541 - Amazon.com Sales, INC (Amazon.com Services LLC)	26-winter gloves for garage staff and desk calendar		03/01/2024	113.93
	Account **52430 - Uniforms and Tools** Totals	Invoice Transactions 1		$113.93

Account **53510 - Electrical Services**

223 - Duke Energy	26-Walnut St Garage-300 N Walnut-elec chgs 1/03-02/01/24		02/21/2024	1,347.62
223 - Duke Energy	26-Electric Charges 212 N Morton St 12/28/23-1/26/24		02/21/2024	1,385.44
	Account **53510 - Electrical Services** Totals	Invoice Transactions 2		$2,733.06

Account **53530 - Water and Sewer**

208 - City Of Bloomington Utilities	26-4th St Garage-water/sewer bill-January 2024		02/21/2024	185.77
208 - City Of Bloomington Utilities	26-Trades Garage-489 W. 10th Street water/sewer - January 2024		02/21/2024	151.01
208 - City Of Bloomington Utilities	26-Morton St Garage-water/sewer bill-January 2024		02/21/2024	57.56
	Account **53530 - Water and Sewer** Totals	Invoice Transactions 3		$394.34

Account **53610 - Building Repairs**

393 - Kone INC	26-Walnut St Garage-elevator maintenance-Feb 2024		03/01/2024	207.87
393 - Kone INC	26-4th St Garage-elevator maintenance-Feb 2024		03/01/2024	913.08
393 - Kone INC	26-Trades District Garage-Elevator Maintenance Period-Feb 2024		03/01/2024	913.08

392 - Koorsen Fire & Security, INC	26- pull station replacement at the Morton st garage	BC 2023-089	03/01/2024	599.10
392 - Koorsen Fire & Security, INC	26-Trades-low drain system replaced for sprinkler system	BC 2023-089	03/01/2024	1,033.65
392 - Koorsen Fire & Security, INC	26-Morton St- fire alarm monitoring 02/01/24-04/30/24	BC 2023-089	03/01/2024	150.00
392 - Koorsen Fire & Security, INC	26-4th St-comm cell/net monitoring-2/1-4/30/24	BC 2023-089	03/01/2024	120.00
392 - Koorsen Fire & Security, INC	26-Trades-alarm cell/net monitoring-2/1-4/30/24	BC 2023-089	03/01/2024	990.00
8934 - Sierra Heating and Cooling LLC	26-4th St-cleaned HVAC filters in retail area -1/30/24	BC 2023-109	03/01/2024	200.00
	Account **53610 - Building Repairs** Totals	Invoice Transactions	9	$5,126.78

Account **53640 - Hardware and Software Maintenance**

3397 - Evens Time, INC	26-Opus login issue for L. Beasleys account-1/5/24	BC 2024-003	03/01/2024	120.00
3397 - Evens Time, INC	26-Morton St Garage center lane not giving receipt-1/26/24	BC 2024-003	03/01/2024	425.13
3397 - Evens Time, INC	26-Walnut St Garage-POF showing use exact change-1/30/24	BC 2024-003	03/01/2024	465.13
3397 - Evens Time, INC	26-quarterly billing for equipment maintenance Jan-March 2024	BC 2024-003	03/01/2024	20,500.00
6305 - Parker Technology, LLC	26- yearly call and video monitoring srvce for all garages 2024	BC 2024-005	03/01/2024	78,165.78
	Account **53640 - Hardware and Software Maintenance** Totals	Invoice Transactions	5	$99,676.04

Account **53650 - Other Repairs**

321 - Harrell Fish, INC (HFI)	26-4th St Gar-cap replacement off of dry flow sprinkler system		03/01/2024	290.98
	Account **53650 - Other Repairs** Totals	Invoice Transactions	1	$290.98
	Program **260000 - Main** Totals	Invoice Transactions	25	$109,515.63
	Department **26 - Parking** Totals	Invoice Transactions	25	$109,515.63
	Fund **452 - Parking Facilities(S9502)** Totals	Invoice Transactions	25	$109,515.63

Fund **454 - Alternative Transport(S6301)**

Department **26 - Parking**

Program **260000 - Main**

Account **52110 - Office Supplies**

8541 - Amazon.com Sales, INC (Amazon.com Services LLC)	26-toilet, towel, hand paper-hand sanitizer-trash bags		03/01/2024	39.92
6530 - Office Depot, INC	26-stylus pens for parking enforcement officers		03/01/2024	7.28
	Account **52110 - Office Supplies** Totals	Invoice Transactions 2		$47.20

Account **53310 - Printing**

53984 - Dri-Stick Decal Corp. (Rydin Decal)	26-temp contractor permits for downtown and neighborhood		03/01/2024	662.32
	Account **53310 - Printing** Totals	Invoice Transactions 1		$662.32
	Program **260000 - Main** Totals	Invoice Transactions 3		$709.52
	Department **26 - Parking** Totals	Invoice Transactions 3		$709.52
	Fund **454 - Alternative Transport(S6301)** Totals	Invoice Transactions 3		$709.52

Fund **455 - Parking Meter Fund(S2141)**

Department **26 - Parking**

Program **260000 - Main**

Account **52110 - Office Supplies**

8541 - Amazon.com Sales, INC (Amazon.com Services LLC)	26-toilet, towel, hand paper-hand sanitizer-trash bags		03/01/2024	239.58
6530 - Office Depot, INC	26-stylus pens for parking enforcement officers		03/01/2024	32.70
6530 - Office Depot, INC	26-pens for parking services office		03/01/2024	21.98
6530 - Office Depot, INC	26-calculator for parking services-Lawson		03/01/2024	14.99
	Account **52110 - Office Supplies** Totals	Invoice Transactions 4		$309.25

Account **52340 - Other Repairs and Maintenance**

4264 - IPS Group, INC	26-meter batteries, validators, card readers		03/01/2024	18,150.00
	Account **52340 - Other Repairs and Maintenance** Totals	Invoice Transactions 1		$18,150.00

Account **52420 - Other Supplies**

6222 - Apple, INC	26-IPad for parking enforcement		03/01/2024	778.00
8658 - Kleindorfer's Hardware LLC	26-Batteries (AA +9v) for parking services		03/01/2024	29.48
8658 - Kleindorfer's Hardware LLC	26-Pkg Enforcement-purchases (3) knee pads		03/01/2024	44.97
6728 - Precision Quality Contracting, LLC	26-get & install cables & terminals for parking office cameras		03/01/2024	400.00
	Account **52420 - Other Supplies** Totals	Invoice Transactions 4		$1,252.45

Account **53150 - Communications Contract**

4264 - IPS Group, INC	26-bank fees & communications fees December 2023		03/01/2024	9,118.75
4264 - IPS Group, INC	26-bank fees & communications fees January 2024		03/01/2024	9,112.50
	Account **53150 - Communications Contract** Totals	Invoice Transactions 2		$18,231.25

Account **53240 - Freight / Other**

4264 - IPS Group, INC	26-meter batteries, validators, card readers		03/01/2024	353.43
	Account **53240 - Freight / Other** Totals	Invoice Transactions 1		$353.43

Account **53310 - Printing**

53984 - Dri-Stick Decal Corp. (Rydin Decal)	26-temp contractor permits for downtown and neighborhood		03/01/2024	662.32
	Account **53310 - Printing** Totals	Invoice Transactions 1		$662.32

Account **53640 - Hardware and Software Maintenance**

54432 - T2 Systems, INC	26-ROVR hits for January 2024		03/01/2024	1,370.85
	Account **53640 - Hardware and Software Maintenance** Totals	Invoice Transactions 1		$1,370.85

Account **53830 - Bank Charges**

4264 - IPS Group, INC	26-bank fees & communications fees December 2023		03/01/2024	4,096.17
4264 - IPS Group, INC	26-bank fees & communications fees January 2024		03/01/2024	4,152.85
	Account **53830 - Bank Charges** Totals	Invoice Transactions 2		$8,249.02

Account **53990 - Other Services and Charges**

204 - State Of Indiana	26-bmv owner information for towing January 2024	03/01/2024		15.00
4443 - The Sherwin Williams Company	26-white paint for parking stall markers on 400 w 7th st	03/01/2024		378.27
4443 - The Sherwin Williams Company	26-paint for parking stall markers on 200 n madison	03/01/2024		378.27
4443 - The Sherwin Williams Company	26-yellow paint for no parking areas on 12th st	03/01/2024		378.27
Account **53990 - Other Services and Charges** Totals		Invoice Transactions	4	$1,149.81
Program **260000 - Main** Totals		Invoice Transactions	20	$49,728.38
Department **26 - Parking** Totals		Invoice Transactions	20	$49,728.38
Fund **455 - Parking Meter Fund(S2141)** Totals		Invoice Transactions	20	$49,728.38

Fund **456 - MVH Restricted**

Department **20 - Street**

Program **200000 - Main**

Account **53630 - Machinery and Equipment Repairs**

2974 - MacAllister Machinery Co, INC	20-Outside Repairs to Milling Machine 01/18/24	03/01/2024		1,253.90
2974 - MacAllister Machinery Co, INC	20-Preventative Maintenance Repairs to Paver	03/01/2024		19,051.62
Account **53630 - Machinery and Equipment Repairs** Totals		Invoice Transactions	2	$20,305.52
Program **200000 - Main** Totals		Invoice Transactions	2	$20,305.52
Department **20 - Street** Totals		Invoice Transactions	2	$20,305.52
Fund **456 - MVH Restricted** Totals		Invoice Transactions	2	$20,305.52

Fund **601 - Cumulative Capital Devlp(S2391)**

Department **02 - Public Works**

Program **020000 - Main**

Account **52330 - Street , Alley, and Sewer Material**

413 - Bloomington Paint & Wallpaper Co	20-Paint & supplies for walk behind paint striper	03/01/2024		92.37

18168 - Family Farm Supply, INC	20-Clear Lane De-icing Salt 02/08/24		03/01/2024	79,791.75
Account **52330 - Street , Alley, and Sewer Material** Totals		Invoice Transactions	2	$79,884.12
Account **53990 - Other Services and Charges**				
603 - Traffic Control Corporation	20-2024 Connectivity & Support Plan for Traffic Signals (52)		03/01/2024	10,000.00
Account **53990 - Other Services and Charges** Totals		Invoice Transactions	1	$10,000.00
Account **54510 - Other Capital Outlays**				
5149 - E&B Paving, INC	20-CCMG 2023-1- W Country Club-Walnut/Madison-9/1-11/28/23-App 3	BC 2023-093	03/01/2024	7,837.50
5149 - E&B Paving, INC	20-CCMG 2023-1 E 3rd St-Mitchell/Eagleson-9/1-11/29/23-App 3	BC 2023-093	03/01/2024	2,902.25
5149 - E&B Paving, INC	20-CCMG 2023-1 E 3rd St-Overhill/Mitchell-9/1-11/30/23-App 3	BC 2023-093	03/01/2024	8,157.65
Account **54510 - Other Capital Outlays** Totals		Invoice Transactions	3	$18,897.40
Program **020000 - Main** Totals		Invoice Transactions	6	$108,781.52
Department **02 - Public Works** Totals		Invoice Transactions	6	$108,781.52
Fund **601 - Cumulative Capital Devlp(S2391)** Totals		Invoice Transactions	6	$108,781.52
Fund **730 - Solid Waste (S6401)**				
Department **16 - Sanitation**				
Program **160000 - Main**				
Account **52420 - Other Supplies**				
409 - Black Lumber Co. INC	16-Mailbox and materials to replace for customer		03/01/2024	97.27
313 - Fastenal Company	16-Flat bed cart		03/01/2024	863.15
Account **52420 - Other Supplies** Totals		Invoice Transactions	2	$960.42
Account **52430 - Uniforms and Tools**				
8613 - Crane's Leather & Shoe Shop, INC	16-winter clothing and shoes for employee - I McMasters-12/8/23		03/01/2024	300.00
793 - Indiana Safety Company, INC	16-Safety vests for employees		03/01/2024	716.34

793 - Indiana Safety Company, INC	16-gloves for employees		03/01/2024	73.89
	Account **52430 - Uniforms and Tools** Totals	Invoice Transactions 3		$1,090.23
Account **53140 - Exterminator Services**				
51538 - Economy Termite & Pest Control, INC	16-Sanitation-bi-monthly pest control-2/12/24	BC 2023-070	03/01/2024	125.00
	Account **53140 - Exterminator Services** Totals	Invoice Transactions 1		$125.00
Account **53150 - Communications Contract**				
5465 - Emergency Radio Service LLC (ERS-OCI Wireless)	16-Radio Service - February 2024		03/01/2024	572.05
5465 - Emergency Radio Service LLC (ERS-OCI Wireless)	16-10 Antennas for the trucks and shipping		03/01/2024	82.30
	Account **53150 - Communications Contract** Totals	Invoice Transactions 2		$654.35
Account **53240 - Freight / Other**				
793 - Indiana Safety Company, INC	16-Safety vests for employees		03/01/2024	55.99
	Account **53240 - Freight / Other** Totals	Invoice Transactions 1		$55.99
Account **53920 - Laundry and Other Sanitation Services**				
19171 - Aramark Uniform & Career Apparel Group, INC	16-Mat Services - 01/31/2024		03/01/2024	26.76
19171 - Aramark Uniform & Career Apparel Group, INC	16-uniform rental (minus payroll ded)-1/31/24		03/01/2024	6.18
19171 - Aramark Uniform & Career Apparel Group, INC	16-uniform rental (minus payroll ded)-2/07/2024		03/01/2024	6.00
19171 - Aramark Uniform & Career Apparel Group, INC	16-Mat Services - 02/14/2024		03/01/2024	26.76
19171 - Aramark Uniform & Career Apparel Group, INC	16-Mat Services - 02/07/2024		03/01/2024	26.76
19171 - Aramark Uniform & Career Apparel Group, INC	16-uniform rental (minus payroll ded)-2/14/2024		03/01/2024	6.00
	Account **53920 - Laundry and Other Sanitation Services** Totals	Invoice Transactions 6		$98.46
Account **53950 - Landfill**				
52226 - Hoosier Transfer Station-3140	16-trash disposal fee-01/16-01/31/24	BC 2023-099	03/01/2024	15,731.98
52226 - Hoosier Transfer Station-3140	16-recycling fees-01/16-01/31/2024	BC 2023-099	03/01/2024	1,032.90

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	Account **53950 - Landfill** Totals	Invoice Transactions	2	$16,764.88
	Program **160000 - Main** Totals	Invoice Transactions	17	$19,749.33
	Department **16 - Sanitation** Totals	Invoice Transactions	17	$19,749.33
	Fund **730 - Solid Waste (S6401)** Totals	Invoice Transactions	17	$19,749.33

Fund **800 - Risk Management(S0203)**

Department **10 - Legal**

Program **100000 - Main**

Account **53130 - Medical**

6433 - Larry Dean Armes	10-reimb for CDL physical-2/2/24	03/01/2024	100.00
6359 - Jerry D McIntire	10-reimb for CDL physical-1/19/24	03/01/2024	100.00
Account **53130 - Medical** Totals	Invoice Transactions	2	$200.00

Account **53410 - Liability / Casualty Premiums**

19618 - ONI Risk Partners, INC, DBA EPIC Insurance Midwest	10-Public Official Bond-RDC D. Hutton-1/1-12/31/24	03/01/2024	100.00
19618 - ONI Risk Partners, INC, DBA EPIC Insurance Midwest	10-Public Official Bond-RDC S. Saambelluri-1/1/24-1/1/25	03/01/2024	75.00
19618 - ONI Risk Partners, INC, DBA EPIC Insurance Midwest	10-Public Official Bond-RDC J. West-1/1/24-1/1/25	03/01/2024	75.00
20275 - The Travelers Indemnity	10-Travelers Deductible/Self-Insured-Acc't #5270C9085	03/01/2024	200.00
Account **53410 - Liability / Casualty Premiums** Totals	Invoice Transactions	4	$450.00
Program **100000 - Main** Totals	Invoice Transactions	6	$650.00
Department **10 - Legal** Totals	Invoice Transactions	6	$650.00
Fund **800 - Risk Management(S0203)** Totals	Invoice Transactions	6	$650.00

Fund **801 - Health Insurance Trust**

Department **12 - Human Resources**

Program **120000 - Main**

Account **53990 - Other Services and Charges**

9171 - Kroger General Receivables	12-Flu/Covid vaccine clinic -12/20/23		03/01/2024	968.00
	Account **53990 - Other Services and Charges** Totals	Invoice Transactions	1	$968.00

Account **53990.1201 - Other Services and Charges Health Insurance**

17785 - The Howard E. Nyhart Company, INC	12-February 2024 Wellness Reimbursments		02/20/2024	1,644.00
17785 - The Howard E. Nyhart Company, INC	12-HSA ER Contributions City-022124		02/21/2024	1,607.70
17785 - The Howard E. Nyhart Company, INC	12-HSA ER Contributions City-022324		02/23/2024	1,911.51
	Account **53990.1201 - Other Services and Charges Health Insurance** Totals	Invoice Transactions	3	$5,163.21
	Program **120000 - Main** Totals	Invoice Transactions	4	$6,131.21
	Department **12 - Human Resources** Totals	Invoice Transactions	4	$6,131.21
	Fund **801 - Health Insurance Trust** Totals	Invoice Transactions	4	$6,131.21

Fund **802 - Fleet Maintenance(S9500)**

Department **17 - Fleet Maintenance**

Program **170000 - Main**

Account **52230 - Garage and Motor Supplies**

50605 - Bauer Built, INC	17-tires -385/65R225 L XMHLZ TL 164K		03/01/2024	1,540.50
50605 - Bauer Built, INC	17 - tires for stock - 1-4-2024		03/01/2024	3,199.52
4693 - Monroe County Tire & Supply, INC	17 - (2) Deestone D268 tires for 824		03/01/2024	110.50
	Account **52230 - Garage and Motor Supplies** Totals	Invoice Transactions	3	$4,850.52

Account **52240 - Fuel and Oil**

613 - Hoosier Penn Oil Company, INC	17 - Hydraulic Oil for stock		03/01/2024	1,840.95
	Account **52240 - Fuel and Oil** Totals	Invoice Transactions	1	$1,840.95

Account **52320 - Motor Vehicle Repair**

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6001 - Bernath, LLC (Sealmaster)	17 - #493 beckett cad cell	03/01/2024	79.65
244 - Bloomington Ford, INC	17 - door handle assembly for 246	03/01/2024	50.76
244 - Bloomington Ford, INC	17 - Outlet tube for 497	03/01/2024	225.00
941 - Central Indiana Truck Equipment Corporation	17 - Rod end eject pin for 963	03/01/2024	56.61
5792 - Clark Truck Equipment Co., INC	17 - snow plow parts for 461 incl s/h	03/01/2024	3,137.00
8665 - Effingham Crossroads Truck Equipment INC	17 -#442 lip flange	03/01/2024	36.95
8665 - Effingham Crossroads Truck Equipment INC	17 - #692 fan blade	03/01/2024	396.97
4992 - Fleetpride, INC	17 - #659 drag link	03/01/2024	372.56
455 - Industrial Service & Supply, INC	17 -metal line fab, braze stem, W/P hose. o'rings. steel ferrule	03/01/2024	235.29
796 - Interstate Battery System of Bloomington, INC	17 -batteries-31-MHD, MT-26R, MT-34, MTP-65HD	03/01/2024	725.76
4439 - JX Enterprises, INC	17 - ISL Clamp assembly for 442	03/01/2024	26.77
4439 - JX Enterprises, INC	17 -clamps, gaskets, screws, sensors, strap assemblies for 442	03/01/2024	2,670.41
53385 - O'Reilly Automotive Stores, INC	17 - Paint brush set for shop	03/01/2024	5.99
53385 - O'Reilly Automotive Stores, INC	17 - QC Adapter for shop	03/01/2024	6.12
6095 - Old Dominion Brush Company, INC	17 - #467 deflector parts	03/01/2024	165.95
4608 - Reliable Transmission Service-Midwest, INC	17 - #659 wiper seal assembly	03/01/2024	79.97
950 - Tri-State Bearing Co, INC	17 - #467 flange block bearing, lubline remote feed kit	03/01/2024	246.56
7555 - VoMac Truck Sales & Service INC	17 - filter element for stock	03/01/2024	56.95
8183 - XL Parts LLC (XL Parts/Dealer Service Warehouse)	17 - credit for returned EMIS RDCN Harness assembly -- 401	03/01/2024	(72.91)
8183 - XL Parts LLC (XL Parts/Dealer Service Warehouse)	17 - #401 EMIS RDCH Fluid tank & Harness assembly	03/01/2024	756.25
8183 - XL Parts LLC (XL Parts/Dealer Service Warehouse)	17 - Oil filter assembly for stock	03/01/2024	81.72
	Account **52320 - Motor Vehicle Repair** Totals	Invoice Transactions 21	$9,340.33

Account **52420 - Other Supplies**

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7989 - Mark Garland (Mark Garland Enterprises, LLC)	17 - Update for the TMPS4		03/01/2024	315.00
177 - Indiana Oxygen Company, INC	17-finance chg for Nov 2023-past due inv 10230502 date 9/30/23		03/01/2024	2.22
177 - Indiana Oxygen Company, INC	17-finance chg for Oct 2023-past due inv 10230502 date 9/30/23		03/01/2024	2.93
177 - Indiana Oxygen Company, INC	17-finance chgs Dec 23' inv 10230502 & inv #10270337		03/01/2024	5.39
177 - Indiana Oxygen Company, INC	17 - face shield, frame shades, Round soapstore, goggle welds		03/01/2024	170.74
177 - Indiana Oxygen Company, INC	17 - gases for torches - 12/31/23		03/01/2024	289.23
177 - Indiana Oxygen Company, INC	17 - gases for torches - 1/31/24		03/01/2024	298.53
8658 - Kleindorfer's Hardware LLC	17 - (2) pipe nipples for 9100		03/01/2024	9.98
8181 - Lawson Products, INC	17 - mini flap discs, bristle & grind disc, mini cut-off wheel.		03/01/2024	318.33
54351 - Sternberg, INC	17 - Software update for international trucks		03/01/2024	1,200.00
	Account **52420 - Other Supplies** Totals	Invoice Transactions	10	$2,612.35
Account **53240 - Freight / Other**				
5792 - Clark Truck Equipment Co., INC	17 - snow plow parts for 461 incl s/h		03/01/2024	161.00
	Account **53240 - Freight / Other** Totals	Invoice Transactions	1	$161.00
Account **53510 - Electrical Services**				
223 - Duke Energy	02-Facilities Summary-FS#4 bill-12/23/23-02/02/24		02/21/2024	1,057.69
	Account **53510 - Electrical Services** Totals	Invoice Transactions	1	$1,057.69
Account **53540 - Natural Gas**				
222 - Indiana Gas Co. INC (CenterPoint Energy) (Vectren)	17-Fleet Maint-gas bill 01/05/24-02/06/24		02/21/2024	551.39
	Account **53540 - Natural Gas** Totals	Invoice Transactions	1	$551.39
Account **53620 - Motor Repairs**				
244 - Bloomington Ford, INC	17 - #876 service for check engine light and oil leak		03/01/2024	4,984.54
594 - Curry Auto Center, INC	17 - #401 service to the diesel exhaust system		03/01/2024	289.95

4474 - Ken's Westside Service & Towing, LLC	17-towing Unit #856-2/5/2024	03/01/2024	95.00
4474 - Ken's Westside Service & Towing, LLC	17 - tow bill for Dodge Charger - 2/9/2024	03/01/2024	120.00
4474 - Ken's Westside Service & Towing, LLC	17-towing Unit #690- 2-7-24	03/01/2024	95.00
2096 - West Side Tractor Sales CO.	17 - #4541 replace module and diagnostics	03/01/2024	476.83
2096 - West Side Tractor Sales CO.	17 - #669 repair of hyd lines and replacement of cylinder	03/01/2024	2,067.49
	Account **53620 - Motor Repairs** Totals	Invoice Transactions 7	$8,128.81

Account **53920 - Laundry and Other Sanitation Services**

19171 - Aramark Uniform & Career Apparel Group, INC	17 - mat rentals and shop towels-01/24/2024	03/01/2024	93.35
19171 - Aramark Uniform & Career Apparel Group, INC	17 - city portion of uniform rentals for 5-10-2023	03/01/2024	23.19
19171 - Aramark Uniform & Career Apparel Group, INC	17 - city portion of uniform rentals for 1-10-2024	03/01/2024	20.26
19171 - Aramark Uniform & Career Apparel Group, INC	17 - mat and towel rentals - 2/7/2024	03/01/2024	93.35
19171 - Aramark Uniform & Career Apparel Group, INC	17 - city portion of uniform rentals for 2-7-2024	03/01/2024	20.42
19171 - Aramark Uniform & Career Apparel Group, INC	17 - city portion of uniform rentals for 1-24-2024	03/01/2024	20.42
	Account **53920 - Laundry and Other Sanitation Services** Totals	Invoice Transactions 6	$270.99
	Program **170000 - Main** Totals	Invoice Transactions 51	$28,814.03
	Department **17 - Fleet Maintenance** Totals	Invoice Transactions 51	$28,814.03
	Fund **802 - Fleet Maintenance(S9500)** Totals	Invoice Transactions 51	$28,814.03

Fund **804 - Insurance Voluntary Trust**

Department **12 - Human Resources**

Program **120000 - Main**

Account **53990.1271 - Other Services and Charges Section 125 - URM- City**

17785 - The Howard E. Nyhart Company, INC	12-City/Util URM	02/19/2024	55.00
17785 - The Howard E. Nyhart Company, INC	12-City URM	02/19/2024	382.90

17785 - The Howard E. Nyhart Company, INC	12-City URM	02/19/2024		402.69
17785 - The Howard E. Nyhart Company, INC	12-City URM	02/20/2024		48.56
17785 - The Howard E. Nyhart Company, INC	12-City/Util URM	02/21/2024		65.00
17785 - The Howard E. Nyhart Company, INC	12-City/Util URM	02/22/2024		387.11
17785 - The Howard E. Nyhart Company, INC	12-City/Util URM	02/23/2024		1,552.96
Account **53990.1271 - Other Services and Charges Section 125 - URM- City** Totals			Invoice Transactions 7	$2,894.22
Account **53990.1281 - Other Services and Charges Section 125 - URM- Util**				
17785 - The Howard E. Nyhart Company, INC	12-City/Util URM	02/19/2024		45.00
17785 - The Howard E. Nyhart Company, INC	12-City/Util URM	02/21/2024		84.90
17785 - The Howard E. Nyhart Company, INC	12-City/Util URM	02/22/2024		191.40
17785 - The Howard E. Nyhart Company, INC	12-City/Util URM	02/23/2024		50.00
Account **53990.1281 - Other Services and Charges Section 125 - URM- Util** Totals			Invoice Transactions 4	$371.30
Account **53990.1283 - Other Services and Charges Health Savings Account**				
17785 - The Howard E. Nyhart Company, INC	12-Nyhart HSA Employee Contribution 02-22-24	02/22/2024		26,894.94
Account **53990.1283 - Other Services and Charges Health Savings Account** Totals			Invoice Transactions 1	$26,894.94
Program **120000 - Main** Totals			Invoice Transactions 12	$30,160.46
Department **12 - Human Resources** Totals			Invoice Transactions 12	$30,160.46
Fund **804 - Insurance Voluntary Trust** Totals			Invoice Transactions 12	$30,160.46
Fund **978 - City 2016 GO Bond Proceeds**				
Department **06 - Controller's Office**				
Program **06016B - 2016 B Ped/Signal/Intersection**				
Account **54510 - Other Capital Outlays**				
5409 - VS Engineering, INC	13-Sare Road Multiuse Path_Intersection BC 2019-142 Imp-Revised thru4/30/23	03/01/2024		716.80

		Account **54510 - Other Capital Outlays** Totals	Invoice Transactions	1	$716.80
		Program **06016B - 2016 B Ped/Signal/Intersection** Totals	Invoice Transactions	1	$716.80

Program **06016C - 2016 C Jackson Trail**

Account **54310 - Improvements Other Than Building**

399 - American Structurepoint, INC	07 - Jackson Creek Trail Phase II (CE) 11/01/23-11/30/23	BC 2023-029	03/01/2024		1,623.61
399 - American Structurepoint, INC	07 - Jackson Creek Trail Phase II (CE) 12/01/23-12/31/23	BC 2023-029	03/01/2024		1,038.96
	Account **54310 - Improvements Other Than Building** Totals		Invoice Transactions	2	$2,662.57
	Program **06016C - 2016 C Jackson Trail** Totals		Invoice Transactions	2	$2,662.57
	Department **06 - Controller's Office** Totals		Invoice Transactions	3	$3,379.37
	Fund **978 - City 2016 GO Bond Proceeds** Totals		Invoice Transactions	3	$3,379.37

Fund **987 - Econ Dev LIT Bonds of 2022**

Department **06 - Controller's Office**

Program **08FIR1 - Fire Station 1**

Account **54510 - Other Capital Outlays**

3903 - Electric Plus, INC	08-FS#1 Construction Project-Pay App #1	BC 2023-081	03/01/2024		66,188.11
18844 - First Financial Bank, N.A.	08 -HFI-FS#1 Const Project-Proj 004322-Pay App 1		03/01/2024		7,172.50
10745 - Fox Construction Company, INC	08-FS#1 Construction Project-Pay App #2	BC 2023-078	03/01/2024		214,982.15
321 - Harrell Fish, INC (HFI)	08-FS#1 Construction Project-Project 004322-Pay App 1	BC 2023-080	03/01/2024		136,277.50
503 - Reed And Sons Construction, INC	08-FS#1 Project - Pay App #2	BC 2023-079	03/01/2024		71,655.88
	Account **54510 - Other Capital Outlays** Totals		Invoice Transactions	5	$496,276.14
	Program **08FIR1 - Fire Station 1** Totals		Invoice Transactions	5	$496,276.14
	Department **06 - Controller's Office** Totals		Invoice Transactions	5	$496,276.14
	Fund **987 - Econ Dev LIT Bonds of 2022** Totals		Invoice Transactions	5	$496,276.14

Board of Public Works Claim Register

Invoice Date Range 02/17/24 - 03/01/24

Grand Totals	Invoice Transactions	301	$1,702,752.41

REGISTER OF CLAIMS

Board of Public Works Claim Register

Date:	Type of Claim	FUND	Description	Bank Transfer	Amount
03/01/24	Claims				$1,702,752.41
					$1,702,752.41

ALLOWANCE OF CLAIMS

We have examined the claims listed on the foregoing register of claims, consisting of claims, and except for the claims not allowed as shown on the register, such claims are hereby allowed in the total amount of **$1,702,752.41**

Dated this 27th day of February year of 2024.

_____ _____ _____

Kyla Cox Deckard, President Elizabeth Karon, Vice President James Roach, Secretary

I herby certify that each of the above listed voucher(s) or bill(s) is (are) true and correct and I have audited same in accordance with IC 5-11-10-1.6.

Fiscal Office_____