

AGENDA
BOARD OF PUBLIC WORKS MEETING
Tuesday, April 27, 2021 at 7:00 p.m.
Jackson Village Hall
N168 W20733 Main Street
Jackson, WI 53037

1. Call to Order and Roll Call
2. Approval of the Board of Public Works Minutes of March 30, 2021
3. Review of RFP for New Phone System for Village of Jackson Buildings
 - Presentations: A) P3C Technologies; B) TSR Solutions; C) PCS
4. Utility Exemption Agreement – Rod & Chantel Massie – N160 W19270 Sherman Road – Lot 2
5. Change Order #2 – Chateau Dr & Hickory Ln Reconstruction Project
6. Pay Request #4 – Chateau Dr & Hickory Ln Reconstruction Project
7. Review of Quotes for Well #4 Inspection
8. Resolution #21-09 Final Assessment for Hunters Rd and Chateau Dr 2020 Project
9. Resolution #21-10 Intent to Exercise Assessment Police Powers-Willow Ridge Drive
10. Update for STH 60 Coffee Connection Trail Project
11. Director of Public Works Report
12. Citizens/Village Staff to address the Board
13. Adjourn

Persons with disabilities requiring special accommodations for attendance at the meeting should contact the Village Hall at least one (1) business day prior to the meeting.

It is possible that members of the Village Board may attend the above meeting. No action will be taken by any governmental body at this meeting other than the governmental body specifically referred to in this meeting notice. This notice is given so that members of the Village Board may attend the meeting without violating the open meeting law.

DRAFT Minutes
Board of Public Works Meeting
Tuesday, March 30, 2021 at 7:00 p.m.
Jackson Village Hall
N168 W20733 Main Street

1. Call to Order and Roll Call

Chair Tr. Olson called the meeting to order at 7:00 p.m.

Members Present: Tr. Heckendorf, Tr. Lippold, Tim Meffert, Steve Schoen, and Gloria Teifke

Member Excused: Sarah Malchow

Staff Present: Jen Keller, Brian Kober, Chief Vossekuil and Jilline Dobratz

2. Approval of the Board of Public Works Minutes of February 23, 2021

Motion by Tr. Heckendorf, second by Tr. Lippold to approve the Board of Public Works minutes of February 23, 2021.

Vote: 7 ayes, 0 nays. Motion carried.

3. Utility Exemption Request – Rod & Chantel Massie – N160 W19270 Sherman Road – Lot 2

Brian Kober gave history on the property. A letter from Rod and Chantel Massie was distributed to the Board of Public Works members. A grinder pump system was discussed. Jen Keller stated this exemption request is not a condition of last week's Plan Commission recommended approvals. The new house would be hooked up to utilities. Rod and Chantel Massie were present and commented this did not come up in the title policy. They purchased the property in December 2019 and moved in May 2020. The septic system was tested and passed.

Motion by Tr. Olson, second by Tim Meffert to recommend Village Board approve existing Utility Exemption – Rod & Chantel Massie – N160 W19270 Sherman Road – Lot 2 remain in place subject to any further subdivisions, provide proof the septic system passed inspect, obtain a well permit, the well passing inspection and direct staff to clarify the paperwork as needed to make it enforceable.

Vote: 5 ayes, 1 nay (Steve Schoen). Motion carried.

4. Review of RFP for New Phone System for Village of Jackson Buildings

Brian Kober introduced Gary Aveni from PCS (Professional Communication Systems) who gave information on a Hosted Phone System to a Premise Based Phone System. A hosted system is rented from the provider and there is a monthly fee to rent the phone system. A premise system, the phone system is purchased and connected to a phone service. The proposal is to have one phone system in the new municipal building and then the fiber would go to the other Village buildings. Brad Otto from P3C Technology, LLC was preset and explained a cloud-based system. He provided additional information on phone systems. Jen Keller stated there will be a third quote. Discussion on phone needs, including the number of phones in the new building, ensued.

Motion by Tr. Heckendorf, second by Tr. Olson recommend going with a Premise Based System for the New Phone System for Village of Jackson Buildings and instructing staff to put together a needs list of what the phone system needs to do including a disaster

recovery business plan and go out for bid for review at the April Board of Public Works meeting.

Vote: 6 ayes, 0 nays. Motion carried.

5. Change Order #2 – Chateau Dr & Hickory Ln Reconstruction Project

Brian Kober explained the items on the updated change order. A lump sum of \$5,000.00 was deducted for landscaping. The change order amount increased from December 2020 to January 2021 and the updated version was not in the packet. Kober recommend referring to next meeting for correct paperwork.

Motion by Tr. Olson, second by Tr. Lippold to refer Change Order #2 – Chateau Dr & Hickory Ln Reconstruction Project to the April Board of Public Works meeting.

Vote: 6 ayes, 0 nays. Motion carried.

6. Pay Request #4 – (Final) Chateau Dr & Hickory Ln Reconstruction Project

Motion by Tr. Olson, second by Tr. Lippold to refer Pay Request #4 – (Final) Chateau Dr & Hickory Ln Reconstruction Project to the April Board of Public Works meeting.

Vote: 6 ayes, 0 nays. Motion carried.

7. Change Order #2 – 2020 Road and Utility Project – Wondra Construction

Brian Kober stated this change order is a reconciliation of as-built quantities so the project can be closed out. Funds are being retained for restoration or any problems on the project in the amount of \$23,436.50.

Motion by Tr. Olson, second by Tr. Heckendorf to recommend Budget & Finance and Village Board approve Change Order #2 – 2020 Road and Utility Project – Wondra Construction in the negative amount of \$7,426.97.

Vote: 6 ayes, 0 nays. Motion carried.

8. Director of Public Works Report

Brian Kober gave the report. Project updates were provided. The Spring Clean Up day is April 24th from 9:00 a.m. until 12:00 p.m. The Yard Waste Site is open and yard cards are available at Department of Public Works Office.

Motion by Tr. Lippold, second by Tr. Olson to place the Director of Public Works Report on file.

Vote: 6 ayes, 0 nays. Motion carried.

9. Citizens/Village Staff to Address the Board

Gloria Teifke inquired on McMahon & Company moving to Kewaskum and if they had approached the Village about moving into the TIF district. They still own the building.

10. Adjourn.

Motion by Tr. Lippold, second by Tim Meffert to adjourn.

Vote: 6 ayes, 0 nays. Meeting was adjourned at 8:15 p.m.

Respectfully submitted,

Jilline Dobratz, *CMC/WCMC*
Village Clerk

Memo

To: Jen Keller, Village Administer
From: Brian W. Kober, P. E., Director of Public Works
Subject: RFP for New Premise Based Phone System for Village of Jackson
Date: April 22, 2021
CC: Board of Public Works; Village Board

At the Board of Public Works meeting on Tuesday, April 27, 2021, the Board will hear presentations from three vendors in the following order: P3C Technologies LLC, TSR Solutions, and PCS.

The Village of Jackson has received three quotes for the Premise Based Phone System to serve all Village owned buildings. The three quotes were received from P3C Technologies LLC, TSR Solutions, and PCS (Professional Communication Systems). The first two companies are IT companies that also provide phone service. PCS is the only company that just provides phone systems. Pros4 Technology is the Village's current IT provider, and the Village has been satisfied with the service they have provide for over twenty years. The following is a breakdown of the three proposals:

P3C Technologies LLC

YeaLink Phones, Linux Software and Licensing Price:	\$22,704.00
P3C Implementation and Peripherals Price:	\$20,000.00
Computer (\$2,000) and 3CX License (\$2,700)	<u>\$ 4,700.00</u>
Total	\$47,404.00

Proposal Includes: (76) phones, a computer \$2,000 that needs replacing every 5 to 6 years, and annual 3CX License \$2,700.00, and always recording by computer software.

TSR Solutions

YeaLink Phones, Linux Software and Licensing Price:	\$14,785.00
TSR Implementation and Peripherals Price:	\$ 6,200.00
Optional One-Time Material Extended 5-yearWarranty	<u>\$ 3,664.00</u>
Total	\$24,649.00

Proposal Includes: (76) phones, a Switchvox User with one year Titanium Support and Maintenance, and always recording by computer software for Police Department is by the phone system by default can hold 176,000 hours of recordings. Additional system will be needed at an additional cost.

PCS (Professional Communication Systems)

Mitel "Sourcewell" Hardware and Licensing Price:	\$27,669.00
PCS Implementation and Peripherals Price:	<u>\$19,418.00</u>
Total	\$47,087.00

Proposal Includes: (76) phones, (10) lines always recording, (4) network PoE switches, (3) headsets, and (4) paging speckers in Fire Department.

After reviewing the proposals and interviewing each vendor during onsite visits of each Village Building being served, here are some thoughts: A government body depends on a phone system to communication with the residents. The reverse is true many residents still depend on the phone system. Not like a business where other forms of communication are used. We need a reliable phone like we have now. The current phone has served the Village well over twenty plus years. The most durable phone system being proposed is the Mitel System by PCS.

PCS has utilized SourceWell in place of the competitive bidding process and is able to give a reduced price in equipment cost. PCS is providing a more reliable system for a comparable price. Recommend hiring PCS for the Village's phone vendor for amount not to exceed \$47,087.00.

If you have any questions, please let me know.

Brian W. Kober, P.E.

3018 E Progress Dr STE 2
West Bend, WI 53095
p3ctech.com
2624236267



Village of Jackson

Jackson, WI 53037

Estimate # 1096
Estimate Date 03-30-21
Total \$40,204.00

Item	Description	Unit Cost	Quantity	Line Total
Parts	Recurring Costs:	\$0.00	1.0	\$0.00
Parts	3CX Annual License - 48 simultaneous calls - Enterprise Edition - Paid once per year	\$2,700.00	1.0	\$2,700.00
	Requires a local server to backup the instance and call recordings to or we can provide a device for those backups as well as a disaster recovery appliance to back up the phone system and act as a DR device.			
	Certificate of Exempt Status required to maintain no-tax status on any invoices.			
Business IT Support	IT Support for Businesses - non-contract, hourly rate	\$0.00	1.0	\$0.00
	System is quoted with an all you can eat white glove implementation and support model for the first two months post go-live per the below one-time costs.			
	Post 2 months - support may be contracted on:			
	1. An all-you-can-eat per phone basis plan (\$20 / mo per phone)			
	2. As part of an IT Proactive Support Agreement			
	or			
	3. At our hourly rate - currently \$115 / hour for non-contracted clients - annual increase every April 1st for any client not on an IT support plan with us.			
Parts	One-time costs listed below:	\$0.00	1.0	\$0.00
Parts	Yealink T42S IP Phone - suggested general use phone	\$179.00	66.0	\$11,814.00
	A Reliable and Affordable SIP Phone for Business The SIP-T42S IP phone is a dynamic business communications tool for superior voice communications and extended functionality. It has a faster, more responsive interface than the T42G and offers better overall performance. The SIP-T42S is a 12-line IP phone with multiple programmable keys for enhancing productivity. It is with Yealink Optima HD Voice Technology and wideband codec of Opus for superb sound quality and crystal clear communications. What's more, the SIP-T42S is built with Gigabit Ethernet			

technology for rapid call handling. Plus, with an all-new USB port, the SIP-T42S boasts unparalleled functionality and expansibility with Bluetooth, Wi-Fi and USB recording features. The new T4S series offers the same elegant appearance of the T4 line, but with improvements for greater interoperability and collaboration.

- 2.7" 192x64-pixel graphical LCD with backlight
- Opus* codec support
- USB 2.0
- T4S Auto-P template unified
- T4S firmware unified
- Up to 12 SIP accounts
- Dual-port Gigabit Ethernet
- PoE support
- Paperless label design
- Headset, EHS support
- Integrated stand with 2 adjustable angles
- Wall mountable

Parts	Yealink T46S Phones - suggested phone for receptionists and admins A Revolutionary SIP Phone for Enhancing Productivity The SIP-T46S IP phone is the ultimate communications tool for busy executives and professionals. In addition to offering better overall performance than the T46G, this device has a faster interface with a rich, high-resolution TFT color display. Built with Yealink Optima HD technology and wideband codec of Opus, this device enables crystal clear communications. The SIP-T46S is also built with Gigabit Ethernet technology, for rapid call handling and use with accessories like a Bluetooth USB Dongle and a Wi-Fi USB Dongle. The new T4S series offers the same elegant appearance of the T4 line, but with improvements for greater interoperability and collaboration. • 4.3" 480 x 272-pixel color display with backlight • Opus* codec support • USB 2.0 • T4S Auto-P template unified • T4S firmware unified • Up to 16 SIP accounts • Dual-port Gigabit Ethernet • PoE support • Paperless label design • Headset, EHS support • Wi-Fi via WF40 • Bluetooth via BT40 • USB recording • Supports expansion modules • Stand with 2 adjustable angles	\$269.00	10.0	\$2,690.00
Parts	Intel NUC premium small form factor PC for running 3cx locally onsite - installed with Debian Linux and 3cx software Intel Core i7 Six Core latest generation processor up to 4.7 Ghz turbo 64 Gb RAM	\$2,000.00	1.0	\$2,000.00

Premium 2 TB NVMe drive

(RECOMMENDED UPGRADE - order an additional Intel NUC as a spare to have onsite in the event your phone system computer dies and we need to quickly restore - you can also configure safe failover to the additional system)

The other option - if you have a strong Windows server Hyper-V server or VMware server on-premise already - the system can be run as a virtual machine on that device as long as it has capacity and meets the recommended minimums for the software.

This unit is rated at more than enough for the number of extensions the Village is requesting according to 3cx hardware recommendations. But, as you add more group extensions, call queues, etc - we will need to continue to evaluate the system and its utilization. If you start to utilize a great deal of system resources - the hardware can be upgraded with an off hours data transfer to new hardware and we will give a partial credit for return of the old device or the device can be formatted and used as a computer for the village.

We also offer a backup appliance that can virtualize your phone system in the event of a disaster - it can be virtualized locally and in the cloud if needed.

Parts	3CX Session Border Controller (SBC) for use in connecting other buildings with the main building phone server and consolidating traffic. If all buildings can be on the same VLAN / local network - these may not be needed, but placing them in the estimate for illustration. These will work even if the buildings networks are not connected. These units will support up to 50 extensions behind the controller at each office, 64 simultaneous calls, and 10 BLFs per phone (busy lamp field - the light on an IP phone for other extensions monitoring).	\$200.00	5.0	\$1,000.00
Parts	PRICING TBD - VoIP Gateway or PRI gateway device Village of Jackson has not provided details of the phone service options it intends to use with the phone system. 3cx is a flexible system and can support a variety of phone service options including SIP, PRI, Analog / Digital, or a Hybrid approach...however - it does require a gateway device for connecting to some of them. The phone service for an on-premise system was marked as TBD in your RFP request.	\$0.00	1.0	\$0.00
Project Labor	Contract IT Support - For Project Billable Labor Fixed cost white glove install & support by P3C Technologies Includes: Initial Order, Configuration, Install of phones at each location, in person training at your offices with recorded video to use for your staff's ongoing training, and two months post-implementation support white glove - no hourly labor charges. Post 2 months - support may be	\$20,000.00	1.0	\$20,000.00

contracted on an all-you-can-eat per phone basis plan (\$20 / mo per phone), as part of an IT Proactive Support Agreement, or at our hourly rate of \$115 / hour
Not included: Cat5e / Cat6 data cabling if needed, IT equipment including POE switches or new routers for quality of service – this is billed separately if deemed necessary
Paid with milestone payments (25% down, 50% post go-live, final 25% post 30 days in production)

THIS IS AN ESTIMATE

Disclaimer

Parts, Purchase and Returns Policy

Invoices for equipment purchase such as PCs, servers or other networking equipment must be paid in full prior to equipment being installed. After the invoice is paid, the hardware is ordered from our supplier and we setup an install date with you. Parts may be returned within 30 days of purchase pending no physical damage was done to the product by the client. Any product returned to P3C Technologies that is not defective will be subject to a 15% restock fee.

Subtotal	\$40,204.00
Tax	\$0.00
Estimate Total	\$40,204.00

Signed: _____

Date: _____

□



We have prepared a quote for you

Digium Premise Based Solution

Quote #014423 v1

Prepared for:

Village of Jackson

Prepared by:

Mark Robinson



Overview

■ **TSR Solutions Overview**

In 1991, Tim Radtke, founder of TSR Solutions, had a single vision for his company - “deliver technology solutions that are meaningful to our customers’ business.” From this vision, our mantra of Technology on Purpose® was born and remains at the center of everything we do today. Our technology solutions have been, and continue to be, delivered with an unwavering drive to improve our customers’ business performance. Most important, TSR’s solutions are steeped in a customer-first philosophy, a sense of urgency, a sense of accuracy, exemplified by every TSR employee.

Data Center - Infrastructure – Networking Solutions TSR’s certified technical engineers and advanced Data Center facilities provide colocation, network and security solutions that deliver the performance and protection your business information assets require. Services include CIO and Technology Planning, Colocation, Internet, Hosting, WAN, LAN, Wireless, VPN, Cabling and comprehensive Managed Services. Should you need to outsource all or part of your technology practice, TSR offers you a one-stop-shop. Sales and service of hardware, software and cabling round out our full complement of technology infrastructure and networking services.

Executive Overview

■ Overview

- TSR will provide, procure, configure, install, and test a new phone system.
- TSR will also provide up to 4-hour of onsite administration/user training.

■ TSR Solutions Deliverable

- Procure and deliver all listed phone system material to customers 4 locations.
- Collect all programming details via a data collection form that TSR will supply.
- Test and verify phone system and all remote phones are working before final project sign off is given.
- Register phone system appliance with the manufacturer and activate warranty.
- Provide customer a complete set of project close out documents for its internal files at the completion of the project.

■ Customer Deliverable

- Provide accurate information for equipment configuration.
- Access to the facility at approved dates and times.
- Access to a technical resource for testing.

■ Assumptions

The following assumptions are relative to the general solution and to the infrastructure options listed in this document.

- Customer upgrades existing data network prior to installation of phone system.
- Customer upgrades internet connection at all locations
- Site to site vpn built out and tested at each location with SIP ALG disabled on all firewalls.
- Proper cabling and power is extended to all locations where a phone is desired. Cabling must be cat 5 or higher.

■ Criteria for Success

The customer's project will be defined as successful after the following objectives are met:

- All inbound, outbound, and intra-office calling is working and routing properly.
- Paging and intercom calls are working properly thru the phones.

Scope of Work Summary

■ **TSR Solutions Responsibilities:**

- Configure and mount (1) Switchvox phone system appliance.
- Configure up to (6) Auto-Attendant menus and/or IVR skeletons.
- Configure (1) dial tone account and associated call routes.
- Configure (77) total user extensions.
- Configure Algo Paging Adapter.
- Configure paging groups through IP desk phones.
- Configure call recording for all calls inbound and outbound.
- Deliver all listed equipment during regular office hours (M-F; 8-5).
- Install and test phone system appliance at Main location setup phones at remote 3 other locations.
- Provide phone system support during any dial tone service changes/cut overs.
- Coordinate testing of emergency calling with local emergency departments.
- Provide (4) hours of post-turn up same day onsite training.

■ **Customer Responsibilities:**

- Any configuration changes to existing data network equipment not enumerated above (switches, firewall, wireless, etc.).
- Any configuration changes to existing cabling infrastructure not enumerated above.
- Any configuration changes to PCs or Servers not enumerated above (clients, DHCP scopes, etc.).
- Provide appropriate rack space to mount quoted appliance, internet provider equipment, etc.
- Provide IP address / range for phone system and phone system endpoints.
- Provide proper power for all quoted hardware (AC/PoE/PoE+).
- Deployment of all end-user phones to designated locations.
- The collection/removal of existing phone system equipment not to be used/reused for this phone system solution.
- The collection/removal of existing equipment not to be used/reused for phone system solution.
- Develop, install and configure any integration applications.
- Procure, install, and configure soft phone applications for PCs and smartphones.
- Any desired grounding of equipment.

■ **Exceptions/Exclusions:**

- Extension of current DMARC facilities to new phone system location.
- Any overhead paging system(s).
- Any optional features or services not specifically enumerated in TSR responsibilities above.

■ **Assumptions:**

- Existing data network is otherwise properly configured in customer office location(s).
- Existing cable runs extend to at all locations within both facilities where a phone is desired. Cabling must be Cat 5 or higher.
- Appropriate power can be supplied to all proposed equipment (AC/PoE/PoE+).
- Appropriate internet access and speeds capable of supporting proposed solution.
- Phone system will not be connecting to any analog devices or an overhead paging system.
- TSR Solution technicians reserve the right to bill the customer for any delays experienced because of issues related to unmet customer deliverables.



Voice Solution

Item	Description	Price	Qty	Ext. Price
1SWXSMB00DL	Switchvox Software Registration Code	\$950.00	1	\$950.00
1SWXTSUB1	1 Switchvox User with 1 Year Titanium Support and Maintenance	\$75.00	77	\$5,775.00
1ASE525000LF	Switchvox E525 Appliance, North America Power Cable Incl.	\$1,470.00	1	\$1,470.00
1TELD065LF	Phone, D65, 6-Line SIP with HD Voice, Gigabit, Bluetooth, 4.3 Inch	\$225.00	6	\$1,350.00
1TELDEXP150LF	Expansion Sidecar for D65, 20-Keys, 2-Pages	\$185.00	2	\$370.00
Yealink T23G	Yealink 3-Line Desk Phone	\$65.00	70	\$4,550.00
8301	8301 Sip to analog converter for Paging Systems.	\$320.00	1	\$320.00
Labor	Labor	\$6,200.00	1	\$6,200.00
Subtotal:				\$20,985.00

Dial Tone Monthly Service

Item	Description	Recurring	Qty	Ext. Recurring
Dial Tone	SIP Trunks - 30 concurrent calls	\$300.00	1	\$300.00
Recurring Subtotal:				\$300.00

Optional One-Time Material

***Optional**

Item	Description	Price	Qty	Ext. Price
1TELD062LF	Phone, D62, 2-Line SIP with HD Voice, Gigabit, 4.3 Inch Color	\$189.00	1	\$189.00
803-00031	Appliance. 3 Year Extended Hardware Warranty	\$225.00	1	\$225.00
803-00032	Appliance. 5 Year Extended Hardware Warranty	\$395.00	1	\$395.00
1SWXTSUB1R2	Extend User Licensing from 1 Year to 3 Year	\$25.00	77	\$1,925.00
1SWXTSUB1R4	Extend User Licensing from 1 Year to 5 Year	\$40.00	77	\$3,080.00
*Optional Amount:				\$5,814.00



Optional Temporary Monthly Services

*Optional

Item	Description	Recurring	Qty	Ext. Recurring
Switch Rental	Layer 2 Gigabit PoE+ switches Customer does not have PoE switches currently installed to power the phones. To keep installation on schedule, TSR will rent this equipment to customer until appropriate equipment can be permanently installed. • (1) 48-port switch • (4) 24-port switch	\$235.00	1	\$235.00
Colocation	Temporary Co-location Services Customer sites are not currently networked together. To keep installation on track, TSR will co-locate the purchased phone system at our data center until the new MWFN services are installed and running locally.	\$175.00	1	\$175.00
Storage	Call Recording Storage (per Gigabit) Amount of storage required to house all call recordings has not been determined so this number is subject to change based on customer needs during the period phone system is located off-site.	\$0.25	100	\$25.00

*Optional Recurring Amount:

\$435.00



Prepared For	Prepared By	Details
Village of Jackson W194 N16660 Eagle Dr Jackson, WI 53037 Brian Kober brian.kober@villageofjackson.com (262) 677-0707	Cedarburg Mark Robinson (262) 292-2000 Fax (262) 238-2501 mrobinson@tsrsolutions.com	Digium Premise Based Solution Quote #: 014423 Version: 1 Delivered: 04/20/2021 Expires: 05/17/2021

Quote Summary

Description	Amount
Voice Solution	\$20,985.00
Total:	\$20,985.00

Recurring Expenses Summary

Description	Amount
Dial Tone Monthly Service	\$300.00
Recurring Total:	\$300.00

*Optional Expenses

Description	Amount
Optional One-Time Material	\$5,814.00
Optional Subtotal:	\$5,814.00

*Optional Expenses

Description	Recurring	One-Time
Optional Temporary Monthly Services	\$435.00	\$0.00
Optional Recurring Amount:		\$435.00
Optional One-Time Subtotal:		\$0.00

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

Please remit payment by due date listed on the invoice. Any unpaid balances remaining after 30 days will be assessed a late payment fee of 1% per month (12% per year).

Signature

Date



Team Members

■ Team Members

Account Manager

Mark Robinson
Director of Sales and Marketing
W67N250 Evergreen Blvd.
Cedarburg, WI 53012
Phone: 262-292-2050
mrobinson@tsrsolutions.com

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Project Coordinator

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Technician

Kyle Honeyager
Director Of Telecommunications
W67N250 Evergreen Blvd
Cedarburg, WI 53012
Phone: 262-292-2000
khoneyager@tsrsolutions.com

TSR Data Center Overview

Space	Power
• 24" W x 37" D x 84" H locking Co-location cabinets with 19" mounting rails • 30" W x 37" D x 84" H locking Co-location cabinets with 23" mounting rails • 10' x 12' locking chain link cage space (120 sf) • Private space / larger square footage plans available • Roof rights: Ability to place Point-to-point microwave link systems and other antennae systems on the roof of the facility	• AC and DC Installed to order • 800 Amps of 48 volt DC power • Parallel redundant UPS utilizing Hot Sync® technology
	Prevention / Recovery
	• Early warning VESDA fire detection system • Both smoke and high temperature detectors • FM-200 fire suppression system • DataTrax facility monitoring of power, HVAC, security and fire, leak and hydrogen detection systems • Systems monitored on-site as well as at NOC
Security	Environment
• Biometric palm scanners at all facility entrances • Card access control at all interior and exterior doors • 24/7/365 access • 24/7/365 monitoring by NOC • Digital surveillance cameras with 30 day storage	• Full data-grade HVAC system with N+1 redundancy • 72 degree ambient air temperature (+/- 2 degrees) • 45% humidity (+/- 5%)

SSAE - 16 Type - II Overview



What is SSAE-16?

SSAE 16 is an enhancement to the current standard for Reporting on Controls at a Service Organization, the SAS70. The changes made to the standard will bring your company, and the rest of the companies in the US, up to date with new international service organization reporting standards, the ISAE 3402. The adjustments made from SAS 70 to SSAE 16 will help you and your counterparts in the US compete on an international level; allowing companies around the world to give you t heir business with complete confidence.

SSAE16 is now effective as of June 15, 2011, and if you have not made the necessary adjustments required, now is the time to find a quality provider to discuss the proper steps. All organizations are now required to issue their Service Auditor Reports under the SSAE 16 standards in an SOC 1 Report.

Why is SSAE-16 / SOC 1 Compliancy Important to You?

User organizations that obtain a Service Auditor's Report from their service organization(s) receive valuable information regarding the service organization's controls and the effectiveness of those controls. The user organization receives a detailed description of the service organization's controls and an independent assessment of whether the controls were placed in operation, suitably designed, and operating effectively (in the case of a Type II report).

User organizations should provide a Service Auditor's Report to their auditors. This will greatly assist the user auditor in planning the audit of the user organization's financial statements. Without a Service Auditor's Report, the user organization would likely have to incur additional costs in sending their auditors to the service organization to perform their procedures.

Terms

■ Terms and Conditions

We have provided you with an investment summary and fee estimate based on our knowledge of your current requirements and project goals.

- A Change Order will be issued by TSR for work that falls outside the agreed-upon scope of this engagement, and your approval/signature will be required to initiate the additional work.
- The fees stated in this engagement will be honored for 30 days from the date of this proposal.
- Standard Payment Terms: 50% of total contract value due at signing with remainder of contract value balance due NET15 from project close out. All other fees and expenses will be billed as incurred.
- TSR reserves the right to lean the property if bills are not paid.
- Interest of 1.5% per month (equivalent to 18% per annum computed monthly) will be charged on the portion of your balance that is beyond 30 days past due.

■ Limitation of Liability

In no event shall TSR Solutions be responsible for any incidental, reliance, consequential or any other indirect loss or damage (including lost profits or revenues) for common carrier telecommunication services arising out of this agreement

■ Privacy/Non-Disclosure

In certain instances, our support engineers may encounter confidential customer information in the actions of performing duties on the customer network. TSR Solution's policy requires its employees to protect confidential information in accordance with TSR Solutions confidentiality requirements. At no time is it acceptable for employees of TSR Solutions to share, download or provide access to company information, either internal, external or customer owned.

Project Requirements

To ensure a seamless installation of the new communications system(s), customer agrees to provide the following:

- A designated point of contact for all project communications with authority to act on the customer's behalf
- A designated point of contact to coordinate activities between TSR Solutions and any third party vendors as needed
- A designated point of contact to interface with TSR Solutions for the systematic collection of necessary information to successfully implement the proposed solution
- A designated point of contact to be onsite during any cutovers proposed in this solution with authority to act on the customer's behalf
- All environmental requirements necessary to support this solution. (Environmental and Electrical requirements must meet the manufacturers required specifications) This may include but is not limited to HVAC, UPS, grounding, tables, chairs, racks, etc.
- Submit configuration changes a minimum of TWO week prior to scheduled cutover date
- Allow TSR Solutions site access in accordance with the implementation schedule
- Provide TSR Solutions a safe work environment; including but not limited to space hazards, chemical hazards, and electrical hazards

Terms and Conditions

Services

1. This agreement is made and entered into as of April 20, 2021 by and between Cedarburg ("TSR") a Wisconsin Corporation with offices at N67 W250 Evergreen Blvd., Cedarburg, WI 53012 and Village of Jackson ("Customer") a WI Corporation with offices at W194 N16660 Eagle Dr, Jackson, WI 53037 and is made subject to the terms and conditions set herein and any related agreements, amendments and/or attachments executed between the parties attached here. The parties hereby represent and warrant to each other that the individuals executing this agreement are duly authorized to execute and deliver this agreement on their behalf, and that each party will comply with and be bound by its terms and conditions.
2. The term of this agreement shall be 36 months and will commence on the date in which the services are delivered.
3. TSR shall provide Customer services described in this proposal, the terms and conditions of which are incorporated in full herein and for the price stated in the Investment Details. Unless otherwise stated in writing, all hardware and software are the property of TSR and shall be returned to TSR upon termination of this agreement for any reason.
4. Upon expiration of the term, the agreement shall automatically renew on a month to month basis. TSR reserves the right to change its rates for any renewal term by notifying Customer in writing at least thirty (30) days prior to the effective date of such rate change.
5. 50% of the NRC is due for project to commence. Remainder of NRC and Installation fees will be due upon completion of the project installation. Customer will be invoiced monthly for all amounts due and owing to TSR. Billing for the services shall commence on the date the service installation is complete. All payments are due within thirty (30) days after the date of such invoice. All payments required by this agreement are exclusive of any national, state, municipal, or other governmental excise, sales, value-added and occupational taxes and other levies, all of which Customer shall be responsible for, and will pay in full. Customer will be deemed to be in default hereunder if payment is not received within thirty (30) days after the date of such invoice and in addition to its other remedies, TSR may charge Customer an interest rate equal to 1-1/2% per month. In the event that Customer terminates this agreement at any time prior to the installation of the service and hardware has been procured for Customer, Customer agrees to pay the NRC fee stated in the Investment Details section of this proposal.
6. The TSR network may only be used for lawful purposes. The transmission of any material in violation of any United States or state regulation is prohibited. This includes, but is not limited to copyrighted material, material legally judged to be threatening or obscene, material protected by trade secret or material that is otherwise deemed to be proprietary or judged by TSR to be inappropriate or improper such as pornography or unsolicited bulk e-mail messages. In the event TSR becomes aware that Customer or persons making use of the Customer's services are using the TSR network for prohibited or unlawful purposes Customer will be considered in breach of contract and TSR will have the right to terminate term agreement and seek remedies as described in this agreement.
7. Upon the occurrence of a breach by Customer of any provisions hereunder, TSR reserves the right, in addition to any other remedies which may be available to it, to terminate this Agreement and the services provided to Customer Hereunder. In addition, upon the occurrence of any breach hereunder, 100% of the cumulative total of the balance of all monthly payments remaining on this Agreement shall become due and payable as of that date as liquidated damages and not as penalty. Customer acknowledges that the amounts payable pursuant to the preceding sentence are equitable compensation to TSR, and are intended to reasonably compensate TSR for the losses which are occasioned by Customer's failure to honor its obligations hereunder and that the exact amount of damages is difficult or impractical to establish.
8. TSR makes no warranties, expressed or implied, including, but not limited to, those of merchantability or fitness for a particular purpose. This includes loss of data resulting from delays, nondeliveries, misdeliveries or service interruption however caused. Use of any information obtained by the TSR network is at Customer's own risk.

9. Customer shall indemnify TSR, its affiliates, officers, directors, licensees and licensors from any and all claims and expenses, including without limitation, reasonable attorney's fees arising from Customer's breach of any provision of this Agreement.
10. Neither party shall be liable in damages or have the right to terminate this Agreement for any delay or default in performing hereunder if such delay or default is caused by conditions beyond its control including, but not limited to Acts of God, Government restrictions (including the denial or cancellation of any export or other necessary license), wars, insurrections and/or any other cause beyond the reasonable control of the party whose performance is affected.
11. TSR may assign this agreement without Customer's prior consent and all of TSR's rights, title and interest herein shall inure to the benefit of such assignee, its successors and assigns. This Agreement shall not be assignable by Customer except with the written consent of TSR, which consent shall not be unreasonably withheld. Subject to the foregoing, this Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns.
12. Neither party shall disclose any of the terms and conditions of this agreement without the prior written consent of the other, provided, however, in any of its sales and marketing materials, TSR may refer to Customer as its customer.
13. Confidential Information: Unless required to release by a law or court or government order, in which case the disclosing party will give as much notice as reasonably possible unless such order explicitly restricts such notification, or unless such information is already publicly available, neither party shall disclose any of the terms and conditions of this agreement nor any non-public information (collectively "Confidential Information") without the prior written consent of the other party hereto. Notwithstanding the foregoing, each party may disclose Confidential Information to any consultants, contractors, and counsels who have a need to know basis and have executed a reasonably protective non-disclosure agreement with the disclosing party. In performing its duties under this agreement, TSR may receive or have access to, from or through Customer personal data. TSR shall not disclose or use the personal data for any reason other than as necessary to carry out its duties and responsibilities under this agreement or as required by law. Neither party will use, in advertising or publicity or in any way related to this agreement or the subject matter hereof, the name of the other party or its affiliates or any of their directors, officers, managers, employees, consultants, or agents or any trade name, trademark, service mark, logo, or symbol of the other party or its affiliates, except with the express written consent of the other party. In the event the receiving party commits a breach of, or threatens to commit a breach of, this Section 14, the disclosing party shall have the right to seek and obtain all judicial relief (including, but not limited to, injunctive or other equitable relief and monetary damages, interest and attorney's fees and expenses) as may be ordered or awarded by a court of competent jurisdiction.
14. This agreement may be modified only by a written instrument signed by the party against which the modification is being enforced.
15. Any notice required to be given hereunder shall be in writing and shall be deemed to have been delivered when deposited in the United States mail, registered or certified mail, return receipt requested with adequate postage affixed or delivered to a national overnight courier service and addresses to the persons set forth in the signature block hereto or to other address as either party may provide to the other in accordance with the provisions hereof. A copy of any notice to TSR shall be sent to President – TSR at the address set forth below.
16. This agreement may be executed in one or more counterparts, each of which shall be deemed to be an original for all purposes hereof. This agreement contains the entire agreement of the parties hereto with respect to the matters covered hereby and supersedes any prior or simultaneous agreement related to such matters.
17. In no event shall either party under the terms of this agreement be liable to the other party for any indirect, consequential, special, incidental, or punitive damages, or for any loss profits, business income, or extra expense.



PROFESSIONAL COMMUNICATION SYSTEMS



A Mitel MiVoice Office 250 IP/Digital Server Communication Platform



PROPOSAL FOR:

**The Village of Jackson
N168 W19851 Main Street
Jackson, Wisconsin 53037**

Presented To:

Mr. Brian Kober

Presented By:

Mr. Lucas Brunmeier

Presented On:

March 24, 2021

This proposal contains proprietary and price dated information
that shall remain in effect for 30 days from the date of presentation.





MISSION STATEMENT

Professional Communication Systems (PCS) is dedicated to providing advanced, high quality integrated telecommunications, network and information systems, which enhance our Customer's competitiveness and efficiency. Our goal is to provide complete customer satisfaction through unparalleled full service and system support, while maintaining price performance leadership.

- 1) PCS shall team and sustain long lasting relationships with leading manufacturers and network service suppliers who share our goal of **Complete Customer Satisfaction.**
- 2) PCS shall deploy products and services which stand the test of time and maintain a high level of reliability, serviceability and cost effectiveness.
- 3) PCS shall assist our Customers in developing short and long term system strategies for their organizations. PCS shall design and recommend an integrated system solution, utilizing proven technologies which improve our Customer's effectiveness.
- 4) PCS shall provide our Customers with full service support, professional system installation and thorough user training. PCS shall attend to all details and will meet and exceed our Customer's expectations.
- 5) PCS shall provide exceptional ongoing service support by maintaining fast response to Customer service requests. PCS shall be available to fulfill Customer requests 7 days per week, 24 hours per day. PCS shall utilize necessary resources to quickly close out all service affecting situations.
- 6) PCS shall provide **C.A.R.E.** for our Customers....

...Customers Always Recieve Excellence



Schedule of Equipment

**The Village of Jackson
N168 W19851 Main Street
Jackson, Wisconsin 53037**

**A Mitel MiVoice Office 250 HX Controller IP/Digital Communication Server Equipped for:
4-Analog Trunks, 4-Analog Station Ports, 1-ISDN PRI Digital Voice,
76-IP Phones, & 8-Ports Unified Voice Mail**

Schedule 1

<u>Quantity</u>	<u>Description</u>
1	Mitel MiVoice Office 250 IP Server Package with Unified Voice Mail including: ▪ Base MiVoice Office 250 HX Controller Chassis. ▪ Mitel MiVoice Office 250 Processor Mdi. ▪ Mitel MiVoice Office 250 v6.3 Software. ▪ Mitel MiVoice Office 250 v6.3 DVD-NA. ▪ Mitel MiVoice Office 250 Software License Key. ▪ Mitel MiVoice Office 250 Software Site License. ▪ Mitel MiVoice Office 250 PRI Software License. ▪ Mitel MiVoice Office 250 IP Identifier License. ▪ (16) Mitel MiVoice Office 250 IP Phone Category "D" Licenses. ▪ (4) Mitel MiVoice Office 250 License Single Port Basic Voice Mail. ▪ Mitel MiVoice Office 250 Dynamic Extension Express System License. ▪ Mitel MiVoice Office 250 UVM Email Synchronization System License. ▪ Mitel MiVoice Office 250 Meet-Me Conference Bridge System License. ▪ Mitel MiVoice Office 250 Hot Desking System License.
1	Mitel MiVoice Office 250 2GB Compact Flash Card.
1	Mitel MiVoice Office 250 PEC-1 Processor Expansion Card.
1	Mitel MiVoice Office 250 Dual T1/PRI Trunk Module.
1	Mitel MiVoice Office 250 File-Based Music on Hold License.
1	Mitel MiVoice Office 250 UVM 4-Port License.
60	Mitel MiVoice Office 250 Additional Category "D" IP Phone Licenses.
56	Mitel 5330e Backlit LCD Self-Labeling Display-33 Programmable Keys-Handsfree IP Phone.
20	Mitel 5320e Backlit LCD Self-Labeling Display-11 Programmable Keys-Handsfree IP Phone.
4	Mitel PKM-48 Button Programmable Key Module.
1	Mitel PKM-12 Button Programmable Key Module.
3	Poly CS 540 DECT Headset.
1	MiVoice Office Application Suite Call Recorder IP Ext-Side, 10 Channel.
1	Mitel Phone Manager Starter Kit (8-Outlook Client Users).
1	MiVOAS Win 10 Pro Application Server.
1	Zyxel GS1920-48 Port 100/1000 PoE Network Switch.
3	Zyxel GS1920-24 Port 100/1000 PoE Network Switch.
1	Viking 2-Watt Paging and Loud Ringing Amplifier.
4	Valcom Speaker for PA System.
1	Valcom Power Adaptor.
1	Mitel Standard Software Assurance-1-Year.
1	Minuteman EN750LCD Battery Backup UPS/Surge Protection.





Schedule of Equipment

The Village of Jackson
N168 W19851 Main Street
Jackson, Wisconsin 53037

Schedule 1-Continued

Pricing Summary-Schedule 1

Mitel "Sourcewell" Hardware and Licensing Price: **\$27,669.00**

PCS Implementation and Peripherals Price: **\$19,418.00**

Total Solution Price: **\$47,087.00** plus sales tax if applicable.

Great America Financial Services \$1 Buyout Payment Options

\$ 1,019.00 per month, **60** Month Lease Term.

Note: 2-Advance Payments, Refundable Deposit Required.

Includes:

****Mitel Pricing from Sourcewell-Contract #022719**

Initial Installation and Programming per customer provided specifications.

End User Training.

4-Hours Administrative Training.

PCS Customer CARE Service Program.

Equipment delivery to installation site.

Unbox, Stage and Placing of all Phones included in this schedule.

Clean all work areas including MDF and IDF's.

Customer to Provide:

UPS/Conditioned power for all electronic hardware components listed in Schedule 1.

Clearly Labeled Patch Panel to Jack Porting List for all IP Phones on Schedule 1.



Powering connections



Purchase Agreement

Schedule 1

**The Village of Jackson
N168 W19851 Main Street
Jackson, Wisconsin 53037**

Professional Communication Systems of Wisconsin Inc., hereinafter referred to as "PCS" agrees to provide the equipment and/or services as itemized in Schedule(s) of Equipment of this agreement. **The Village of Jackson**, hereinafter referred to as "Customer" agrees to pay for said equipment and/or services as follows:

- ☐ **Cash Purchase.** Customer agrees to pay 25% of the total price, **\$ 11,771.00** upon signing. 65% of the total price **\$30,606.00** is due upon equipment delivery and prior to the cutover and connection of customers' central office carrier facilities to the system. 10% of the total price **\$ 4,710.00** is due net30 days from receipt of final invoice. Sales or use tax, if applicable is due with the final payment.
- ☐ **Lease Purchase.** Customer agrees to lease said equipment through **Great America Financial Services**. The term of the proposed lease is **60** months and the rate is **\$ 1,019.00** plus sales or use tax if applicable. Customer further agrees to provide financial information and execute documents as reasonably required by the financing source, in a prompt and timely manner. This agreement will be subject to credit approval by the financing source.

Other Terms and Conditions.

1. Customer agrees to provide a location and electrical power for all equipment in accordance with the manufacturer's specifications. Conduit and/or plenum cable where required by local building codes, is not included, unless specifically itemized in Schedule of Equipment.
2. Equipment and material as listed in Schedule of Equipment is provided for based on the accumulation of information and analysis performed by and between both PCS and Customer personnel. It represents a best efforts attempt to provide for the overall anticipated requirements of the Customer based on the information and analysis performed by PCS and Customer. Only the equipment, material and services as specifically listed in Schedule of Equipment is included. Customer agrees to pay additionally for any equipment, materials and services that are requested by customer and/or are required to provide a complete installation. Customer agrees to pay PCS for additions of equipment, materials and services, including the associated required labor, at then current PCS rates.
3. Customer further agrees to pay 25% of the total price to PCS as liquidated damages, if for any reason Customer fails to allow PCS to complete installation as agreed herein.
4. Customer shall grant PCS all required authorization(s) required by customer's selected common carrier(s) for processing, installation and ongoing support interface in behalf of customers selected local carrier provider(s) facilities and/or any other common carrier. Customer is responsible for any and all initial installation and ongoing or carrier contract charges for carrier services incurred by customer from all carrier(s) for all installation, access and usage charges.
5. Customer shall be responsible for paying directly to local, state and/or federal government, personal property tax, which may now or hereafter be imposed or levied upon the ownership, leasing, possession or use of equipment as listed in Schedule of Equipment of this agreement.



Purchase Agreement

Schedule 1 (Continued)

**The Village of Jackson
N168 W19851 Main Street
Jackson, Wisconsin 53037**

Other Terms and Conditions.

6. 911 Disclaimer. Customer agrees that it will provide proper advisement of this 911 disclaimer for those customer employee(s) personnel or user(s) assigned by customer the use of any Remote IP Phone or Softphone the proper dial procedures for emergency hotline numbers for each said employee(s), personnel or user(s) for their specific local emergency hotline dialing requirement(s). Do not dial emergency hotline numbers from the Remote IP Phone or Softphone. In case of an emergency, dial the appropriate local emergency-service number directly, or use the nearest local public phone to dial an emergency hotline such as 911, the default setting programmed in US Mitel telephone systems. The Remote IP Phone or Softphone communicates through the customers' central telephone system that routes all emergency calls directly to a number that is local to the central system. If the Remote IP Phone or Softphone is not at the same address as the central system, then emergency service will not be routed to the proper location. Therefore, if the Remote IP Phone or Softphone does not stay within the premises of the central system, you must configure the Remote IP Phone or Softphone programmable keys to dial the local police or fire departments directly per the customer's employee(s), personnel or user(s) location, and you must clearly label the key icons as such. If the Remote IP Phone or Softphone is mobile, meaning it is used in multiple locations, customer's employee(s), personnel or user(s) must know the direct emergency-contact numbers for each location. In case of an emergency, customer's employee(s), personnel or user(s) are responsible for determining the nature of the emergency and dialing the appropriate emergency-service number directly. Customer's employee(s), personnel or user(s) must provide the emergency personnel their location and telephone number because the emergency service may not receive accurate identification information automatically.
7. Customer agrees to provide any necessary IT support for all required networking elements needed to complete installation of VoIP telephony applications throughout the customer's internal and/or external IP network unless otherwise defined in Schedule 1 of this agreement. This includes but is not limited to: firewall/router configuration, VLAN configuration (if required) or other LAN network switch configuration at all customer locations. PCS will provide customer's IT support vendor/staff the necessary system information regarding the VoIP deployment. Any work performed or materials listed requiring IT networking support is not included unless otherwise listed and provided for in line item on Schedule(s) of Equipment.
8. It is agreed that the venue for judicial resolution of any dispute of this agreement shall be the circuit court for Waukesha County of Wisconsin.

Accepted by:

Customer	Print Name	title/date

PCS	Print Name	title/date



PROFESSIONAL COMMUNICATION SYSTEMS

PROFESSIONAL COMMUNICATION SYSTEMS

Customer CARE Service Program

As a PCS CARE Customer, your company receives the finest service and maintenance for your business technology system.

Here are the PCS CARE Customer CARE Service Assurances:

- | | |
|-------------------------|---|
| <i>ASSURANCE</i> | High quality technology systems from leading manufacturers. |
| <i>ASSURANCE</i> | Professional system installation completed on negotiated date. |
| <i>ASSURANCE</i> | 1 full year equipment, software and labor warranty. |
| <i>ASSURANCE</i> | Additional warranty for future years at low annual cost. |
| <i>ASSURANCE</i> | End user familiarization training for all system users. |
| <i>ASSURANCE</i> | Up to 4 hours annual future training provided at no charge. |
| <i>ASSURANCE</i> | Remote support and help desk during normal business hours. |
| <i>ASSURANCE</i> | 2 business hour response for emergency service requests. |
| <i>ASSURANCE</i> | 8 business hour response for non-emergency service requests. |
| <i>ASSURANCE</i> | Never a trip charge. |
| <i>ASSURANCE</i> | \$99.00 per hour labor rate for up to 5 years from installation date. |
| <i>ASSURANCE</i> | PCS CARES Customers Always Receive Excellence. |

As a PCS CARE Customer --- You will notice the difference

Customers Always Recieve Excellence





PCS Customer CARE Warranty

Schedule 1

**The Village of Jackson
N168 W19851 Main Street
Jackson, Wisconsin 53037**

Professional Communication Systems of Wisconsin, Inc., hereinafter "PCS" and **The Village of Jackson**, hereinafter "Customer" have entered into a purchase agreement for equipment and services as listed on Schedule(s) of Equipment. This warranty is for the maintenance of the equipment described in the attached Schedule, which will be located at address as indicated on Schedule of Equipment and Purchase Agreement.

- I. **Warranty.** PCS shall, upon terms and conditions set forth herein, provide a one (1) year full parts and labor warranty beginning the initial date of cutover and connection of customer's carrier facilities to the system. Warranty includes all labor and material to fix, replace and/or repair all equipment and software as listed in Schedule of Equipment.
- II. **Responsibilities of PCS.** PCS shall provide qualified service personnel upon notification of equipment or software malfunction as follows:
 - A. PCS shall provide qualified personnel on Customer's premise or engage dial up/IP remote diagnostics facilities, if so equipped, within two (2) business hours after receipt of Customer's verbal notification of a major service interruption. A major service interruption is defined as:
 1. Incoming calls cannot be answered.
 2. Outgoing calls cannot be placed.
 3. Internal station calls cannot be placed or answered.
 4. Voice mail cannot be accessed internally or externally.
 - B. PCS shall provide personnel on Customer's premise or engage dial up/IP remote diagnostics facilities, if so equipped, within eight (8) business hours after receipt of Customer's verbal notification of a minor service interruption.
 - C. PCS shall provide 24 hour per day, 7 days per week response for all major service interruptions. All other service shall be provided during normal PCS business hours, Monday through Friday, between the hours of 8:00 AM and 5:00 PM, excluding holidays.
 - D. PCS shall conduct system familiarization training for end users upon initial system installation. For subsequent Customer requests for training, PCS shall provide up to 4 hours annually for end user system familiarization at no charge for duration of Customer subscription. Administrative program training is not included unless listed as line item on Schedule of Equipment.
 - E. PCS shall not be held liable for failure to perform as stated above due to failure directly or indirectly caused by fire, storm, strike, flood, act of God, act of Customer, act of Customer's employee or agent, act of those within control of Customer's premise, or any other act beyond the scope of PCS's control.
 - F. Upon Customer request, PCS will provide Customer with any manufacturer information concerning newly released equipment or software upgrades that may become available for Customer upgrade consideration after initial system installation.



PCS Customer CARE Warranty – continued

Schedule 1

**The Village of Jackson
N168 W19851 Main Street
Jackson, Wisconsin 53037**

III. **Responsibilities of Customer.** Customer agrees that PCS, its employees or assigns shall have the right of entry for the express purpose of providing said services.

- A. Customer further agrees that any and all equipment failures, or other service caused by outside sources, including but not limited to fire, theft, storm, flood, act of God, act of Customer's employees, agents or guests, or the failure of Customer's or any carrier(s) facilities, lines, trunks, equipment or network connected service(s), is not covered by this agreement and will be invoiced to the Customer at \$99.00 per hour (one hour minimum, ½ hour increments thereafter), plus then current charges for any equipment or materials provided. Requested service provided and diagnosed as a failure of Customer's or any carrier(s) lines, trunks or equipment or network connected service(s) shall be waived if customer is under current and in force term agreement for carrier access services and PCS is the active registered contract agent for customer's account.
- B. Customer further agrees that any and all service calls made at the Customer's request outside of normal working hours, for any reason other than to correct a major service interruption, will be invoiced to the Customer at \$99.00 per hour with a minimum charge of two (2) hours per visit.
- C. Customer further agrees to pay for any and all Customer requested services such as additions, moves, relocations, configuration changes, equipment or software upgrades including remote changes or any other services outside the scope of this warranty at \$99.00 per hour (one hour minimum, ½ hour increments thereafter), plus then current charges for any equipment, software or materials provided.

Accepted by:

Customer	Print Name	title/date
PCS	Print Name	title/date

Addendum To PCS Customer CARE Warranty

- A. In accordance with PCS Customer CARE Warranty, Customer elects to extend this warranty for four (4) additional years. Customer agrees to pay for each additional year as evidenced by Customer's signature below. PCS reserves the right to invoice annually in advance each year. Customer further agrees that the price as listed below is subject to adjustment to reflect equipment additions during the warranty period. Customer may elect to cancel this warranty by providing written notification to PCS thirty (30) days prior to anniversary date in any year. In the event of cancellation, Customer agrees to pay a 25% cancellation fee based on the price listed below for each year remaining.

4-Year Extended Warranty: \$ 3,700.00 (Per Year)

Customer Acceptance	Print Name	Title/Date
----------------------------	-------------------	-------------------



Budgetary Variants

(10) Additional Phone Licenses for Recording	\$ 2,695.00
(4) Pack 5330e Phones	\$ 720.00
(4) Pack 5320e Phones	\$ 594.00
(4) Horns (Fire Dept Bays)	\$ 597.60

Current Phone Assignments

Police

20 Phones

5330	(20)
5320	(0)

Fire

20 Phones

5330	(9)
5320	(11)

Village Hall

10 Phones

5330	(6)
5320	(4)

Comm. CTR

15 Phones

5330	(6)
5320	(9)

Public Works

8 Phones

5330	(8)
5320	(0)

Waste Water

3 Phones

5330	(3)
5320	(0)

DEVELOPMENT AGREEMENT

THIS AGREEMENT is made this _____ day of _____, 2021 by and between Rod and Chantel Massie (“Developer”) and the Village of Jackson, a municipal corporation of the State of Wisconsin, located in Washington County (“Village”).

WITNESSETH:

WHEREAS, the Developer is the owner of two parcels totaling approximately 10.573 acres located at N160 W19270 Sherman Road and with Tax Key Numbers V3_0207 and V3_020600Z which was zoned A-1 (Agricultural) in the Village of Jackson, Washington County, Wisconsin; and

WHEREAS, the Village Board granted on March 8, 1994 an exemption to hooking up to Village Sewer, so as the property (three parcels) remain together and undivided; and

WHEREAS, the Developer is requesting a land division by a new CSM (Certified Survey Map) creating for two lots: Lot 1 (30,315 sq. ft. or 0.69.6 acres) and Lot 2 (430,248 sq. ft. or 9.877 acres); and

WHEREAS, the existing single-family structure on proposed lot 2 is served by a private well and septic system; and

WHEREAS, the parties agree that the Developer shall be responsible for installing the public improvements on the site as outlined below, and that all remaining improvements, including structures, private roadways, and private landscaping shall become the responsibility of the Developer who is/are developing the real property that is the subject of this Agreement;

NOW, THEREFORE, in consideration of the approval by the Village of the Plan prior to the completion and installation of all required improvements, it is agreed as follows:

SECTION I. IMPROVEMENTS

A. Phasing

The public improvements within the project shall be completed in one phase in accordance with the plan attached hereto (**EXHIBIT “A” & EXHIBIT “B”**).

B. Sanitary Sewer

1. Developer shall connect the new single-family structure located on Lot 1 to the existing sanitary sewer in Sherman Road.
2. Developer is exempted from connection of Lot 2 to the existing sanitary sewer in Sherman Road as long as there are no further land divisions of the said property. If the existing sanitary sewer in Sherman Road is lowered to allow gravity flow sewer connection, then the Developer will be required to connect the existing dwelling within one year of the new sanitary sewer completion.
3. Developer is responsible for connecting sanitary sewer laterals to the sanitary sewer system.

4. The Developer is required to provide proof the septic system passed inspection and continues providing the Village future inspection approvals.

D. Water Distribution

1. Developer shall connect the new single-family structure located on Lot 1 to the existing water main in Sherman Road.
2. Developer is responsible for connecting sanitary sewer laterals to the sanitary sewer system.
3. Developer is exempted from connection of Lot 2 to the existing water main in Sherman Road as long as there are no further land divisions of the said property. If the existing sanitary sewer in Sherman Road is lowered to allow gravity flow sewer connection, then the Developer will be required to connect within one year of the new sanitary sewer completion and the water service shall be connected also.
4. A well permit from the Jackson Water Utility will be required for the existing well located on said Lot 2. A permit renewal will be required every three years after the original permit.

SECTION II. BINDING EFFECT

Developer warrants that it is the owner of all property described in **EXHIBIT A & EXHIBIT B** and has full right and authority to make this Agreement. This Agreement and the grants, consents, and waivers contained herein shall run with the land and be binding upon Developer and its successors and assigns including all individual lot owners within the plat.

DEVELOPER.

Dated: _____

By: _____
Rodney E. Massie, Owner

By: _____
Chantel M. Massie, Owner

VILLAGE OF JACKSON

Dated: _____

By: _____
Michael E. Schwab, Village President

Attest: _____
Jilline Dobratz, Village Clerk

EXHIBIT A

Certified Survey Map No. _____

Part of the Southwest $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ of Section 20, Township 10 North, Range 20 East, Village of Jackson, Washington County, Wisconsin.

Scale 1" = 200'



Surveyor:

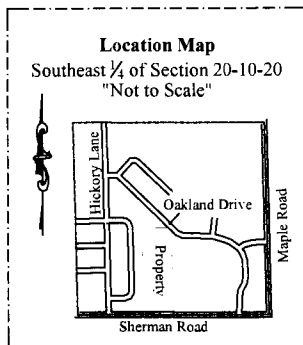
Richard Simon
5080 Fairy Chasm
West Bend, WI 53095
rich@cornerstonelandsurvey.com
(262) 424-5630

Owners:

Rodney E. Massie
Chantel M. Massie
N160 W19270 Sherman Road
Jackson, WI 53037

Legend:

- Denotes 2" Iron Pipe Found
"Unless Otherwise Denoted"
- 3/4" OD X 18" Iron Rod 1.50 Lbs./Lin. Ft., Set



Cedar Run Subdivision

Southwest corner of the
Southeast $\frac{1}{4}$ of Section 20-10-20

Dedicated to the Public for Road Purposes

16083 Sq. Ft.
0.369 Acres

Cedar Run North

1" Iron Pipe Found

S 88°46'07" W 362.27'

1" Iron Rod Found

N 46°12'04" W
56.17'

Oakland Drive
(66' R/W)

1" Iron Rod Found

Sherman Creek Subdivision

Lot 2
430248 Sq. Ft.
9.877 Acres

"See Detail Page 2"

East line of the Southwest $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ of Section 20-10-20

(N00°22'W)
(N01°13'56"W)

Unplatted Lands

S 89°53'09" E 101.08'

N 01°13'53" W 1152.72'

300.00'

300.00'

300.00'

300.00'

300.00'

300.00'

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Notes:

- 1) Bearings or Distances in () are Recorded Measurements
- 2) In providing this boundary survey no attempt has been made to obtain or show data concerning the existence of any utility on the site, whether private, municipal, or public owned.
- 3) No Title Policy furnished therefore completeness of easements is not warranted.

This Instrument drafted by Richard L. Simon

STATE OF WISCONSIN) SS.
COUNTY OF WASHINGTON)

"I HAVE SURVEYED THE ABOVE DESCRIBED PROPERTY ACCORDING TO OFFICIAL RECORDS AND THE ABOVE MAP IS A TRUE REPRESENTATION THEREOF. THIS SURVEY IS MADE FOR THE EXCLUSIVE USE OF THE PRESENT OWNERS OF THE PROPERTY AND ALSO THOSE WHO PURCHASE, MORTGAGE OR GUARANTEE THE TITLE THERETO, WITHIN ONE YEAR FROM THE DATE HERETO."

EXHIBIT B

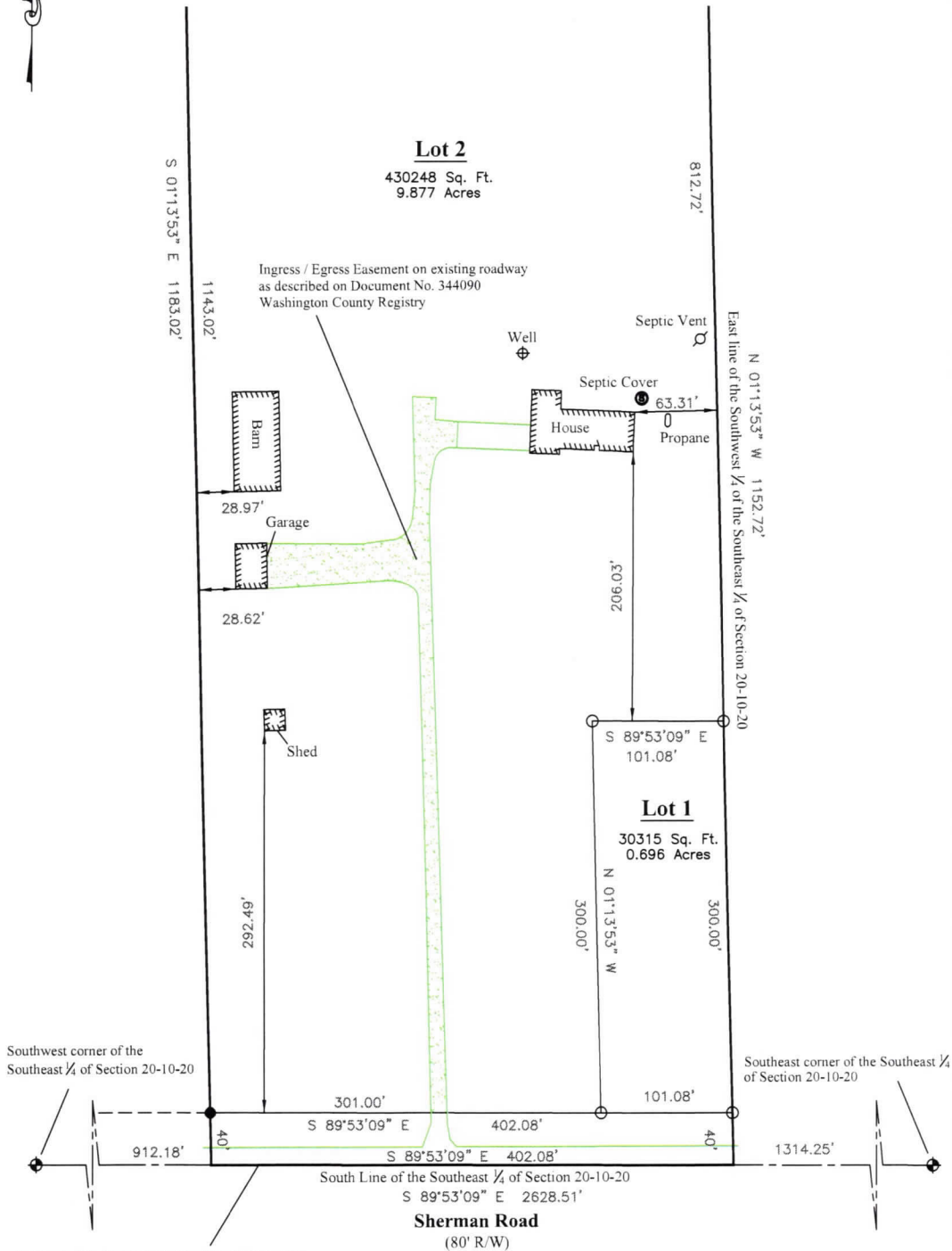
Certified Survey Map No. _____

Scale 1"= 100'

Part of the Southwest $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ of Section 20, Township 10 North, Range 20 East, Village of Jackson, Washington County, Wisconsin.



Detail



**SECTION 00941
CHANGE ORDER**

Change Order No. **2 (FINAL)**

Date of Issuance:	January 28, 2021	Effective Date:	June 29, 2020
Owner:	Village of Jackson	Owner's Contract No.:	
Contractor:	Payne and Dolan, Inc.	Contractor's Project No.:	
Engineer:	Cedar Corporation	Engineer's Project No.:	05789-0009
Project:	Chateau Drive and Hickory Lane Reconstruction	Contract Name:	

The Contract Documents are modified as follows upon execution of this Change Order:

Description:

1	Reconciliation of As-Built Quantities	=	\$18,378.57	
2	DEDUCT Lump Sum Lawn Restoration	=	(\$5,000.00)	
TOTAL			=	\$13,378.57

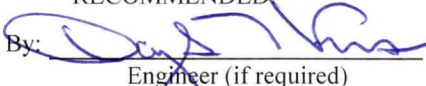
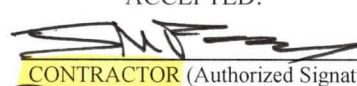
Reason for Change Order:

- a) Change Order Item No. 1: Reconciliation of As-Built (Estimated Vs Installed Quantities.
- b) Change Order Item No. 2: Contract cost deduction associated with the Owner's performance of lawn restoration within areas of restoration performed by the Contractor which was not deemed acceptable by the Owner.

Attachments: (List documents supporting change)

- a) Change Order Item No. 1: Engineer's As-Built Quantity Worksheet dated 1/14/21.

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price	Original Contract Times:
\$ 873,842.00	Substantial completion (date): October 31, 2019
	Ready for Final Payment (date): November 15, 2019
[Increase] from previous approved Change Orders No. 1 to No. 1 :	from previous Change Orders:
\$ 19,910.00	No. 1 to No. 1 :
	Substantial Completion (days): 22
	Ready for Final Payment (days): 20
Contract Price prior to this Change Order:	Contract Times prior to this Change Order:
\$ 893,752.00	Substantial completion (date): November 22, 2019
	December 5, 2019
[Increase] of this Change Order:	[Increase] [Decrease] this Change Order:
\$ 13,378.57	Substantial Completion (days): 0
	Ready for Final Payment (days): 0
Contract Price incorporating this Change Order:	Contract Times with all approved Change Orders:
\$ 907,130.57	Substantial completion (date): November 22, 2019
	Ready for Final Payment (date): December 5, 2019

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: 	By: _____	By: 
Engineer (if required)	Owner (Authorized Signature)	CONTRACTOR (Authorized Signature)
Title: Senior Construction Manager	Title: _____	Title: Project Manager
Date: January 28, 2021	Date: _____	Date: 3/11/21

Approved by Funding Agency (if applicable):

By: _____ Date: _____
Title: _____

PROJECT NO: 05789-0009
PROJECT ID: Chateau Drive & Hickory Lane Reconstruction
CLIENT: Village of Jackson
CONTRACTOR: Payne & Dolan

ENGINEER'S AS-BUILT QUANTITY WORKSHEET

1/14/2021



			ESTIMATED QUANTITIES				Project-to-Date (PTD) CONTRACTOR SUBMITTAL			AS BUILT RECORD OF PTD INSTALLED QUANTITIES			AS BUILT VS SUBMITTED		ESTIMATED VS AS BUILT				NOTES:			
		ORIGINAL Quantity	ORIGINAL Schedule of Values	CO#1	TOTAL Estimated Quantity	Unit Meas.	YTD Schedule of Values Amount	QUANTITIES Submitted To Date	VALUES Submitted To Date	\$ % of Est.	QUANTITIES As Built Quantities	VALUES As Built Values	\$ % of Est.	QUANTITIES As Built VS Submitted	VALUES As Built VS Submitted	As Built Quantities	QUANTITIES	As Built Values		VALUES		
Item																	Unit Price			Estimated VS As Built	Estimated VS As Built	
A-1	COMMON EXCAVATION, INCLUDING ASPHALT PAVEMENT REMOVAL	\$58.00	1,100	\$	63,800.00		1100	C.Y.	\$	63,800.00	965.28	\$	55,986.24	87.75%	965.28	\$	55,986.24	87.75%	0	\$	-	Reduced project limits @ intersections of both Wilshire and Hunter.
A-2	SAW CUTTING ASPHALT ROADWAY	\$3.00	155	\$	465.00		155	L.F.	\$	465.00	155.00	\$	465.00	100.00%	155	\$	465.00	100.00%	0	\$	-	
A-3	SANITARY MANHOLE RING AND CASTING REPLACEMENT	\$1,250.00	5	\$	6,250.00		5	EA.	\$	6,250.00	5.00	\$	6,250.00	100.00%	5	\$	6,250.00	100.00%	0	\$	-	
A-4	8" PVC WATER MAIN	\$117.50	576	\$	67,680.00		576	L.F.	\$	67,680.00	573.00	\$	67,327.50	99.48%	573	\$	67,327.50	99.48%	0	\$	-	Added lateral
A-5	VALVE ABANDONMENT	\$850.00	3	\$	2,550.00		3	EA.	\$	2,550.00	3.00	\$	2,550.00	100.00%	3	\$	2,550.00	100.00%	0	\$	-	
A-6	SALVAGE HYDRANT	\$3,000.00	1	\$	3,000.00		1	EA.	\$	3,000.00	1.00	\$	3,000.00	100.00%	1	\$	3,000.00	100.00%	0	\$	-	
A-7	1 1/4" HDPE WATER SERVICE RELAY	\$104.00	350	\$	36,400.00		350	L.F.	\$	36,400.00	365.20	\$	37,980.80	104.34%	365.2	\$	37,980.80	104.34%	0	\$	-	Reduced limit at Wilshire
A-8	HYDRANT ASSEMBLY	\$7,800.00	1	\$	7,800.00		1	EA.	\$	7,800.00	1.00	\$	7,800.00	100.00%	1	\$	7,800.00	100.00%	0	\$	-	
A-9	8" GATE VALVE	\$4,100.00	3	\$	12,300.00		3	EA.	\$	12,300.00	3.00	\$	12,300.00	100.00%	3	\$	12,300.00	100.00%	0	\$	-	
A-10	12" RCP STORM SEWER	\$94.00	448	\$	42,112.00		448	L.F.	\$	42,112.00	445.00	\$	41,830.00	99.33%	445	\$	41,830.00	99.33%	0	\$	-	Reduced limit at Wilshire
A-11	CATCH BASIN	\$2,750.00	2	\$	5,500.00	1	3	EA.	\$	8,250.00	3.00	\$	8,250.00	100.00%	3	\$	8,250.00	100.00%	0	\$	-	
A-12	4" PVC STORM SEWER LATERAL (10 UNITS)	\$77.50	722	\$	55,955.00		722	L.F.	\$	55,955.00	852.50	\$	66,068.75	118.07%	852.5	\$	66,068.75	118.07%	0	\$	-	
A-13	REMOVE CONCRETE SIDEWALK	\$3.00	4,523	\$	13,569.00		4523	S.F.	\$	13,569.00	4339.00	\$	13,017.00	95.93%	4339	\$	13,017.00	95.93%	0	\$	-	Extended driveway match /removal limits to improve transitions.
A-14	4" CONCRETE SIDEWALK	\$8.37	5,030	\$	42,101.10		5030	S.F.	\$	42,101.10	4699.30	\$	39,333.14	93.43%	4699.3	\$	39,333.14	93.43%	0	\$	-	
A-15	REMOVE CURB AND GUTTER	\$4.00	1,172	\$	4,688.00		1172	L.F.	\$	4,688.00	1112.00	\$	4,448.00	94.88%	1112	\$	4,448.00	94.88%	0	\$	-	
A-16	30" CURB AND GUTTER TYPE D	\$20.00	1,172	\$	23,440.00		1172	L.F.	\$	23,440.00	1112.00	\$	22,240.00	94.88%	1112	\$	22,240.00	94.88%	0	\$	-	Extended driveway match /removal limits to improve transitions.
A-17	REMOVE CONCRETE DRIVEWAY APRON	\$3.50	1,404	\$	4,914.00		1404	S.F.	\$	4,914.00	3338.20	\$	11,683.70	237.76%	3338.2	\$	11,683.70	237.76%	0.0	\$	-	
A-18	7" CONCRETE DRIVEWAY APRON	\$11.00	2,664	\$	29,304.00		2664	S.F.	\$	29,304.00	4358.04	\$	47,938.44	163.59%	4358.04	\$	47,938.44	163.59%	0	\$	-	
A-19	EXCAVATION BELOW SUBGRADE (EBS)	\$20.00	150	\$	3,000.00		150	C.Y.	\$	3,000.00	61.30	\$	1,226.00	40.87%	61.3	\$	1,226.00	40.87%	0	\$	-	Extended pavement limits: Wilshire + Less lower layer (See Item A-23)
A-20	EBS BACKFILL 1 1/4" DENSE	\$19.00	150	\$	2,850.00		150	TONS	\$	2,850.00	122.60	\$	2,329.40	81.73%	122.6	\$	2,329.40	81.73%	0	\$	-	
A-21	EBS BACKFILL 3" DENSE	\$18.00	150	\$	2,700.00		150	TONS	\$	2,700.00	0.00	\$	-	0.00%	0	\$	-	0.00%	0	\$	-	
A-22	CRUSHED AGGREGATE BASE COURSE 1 1/4"	\$16.50	1,375	\$	22,687.50		1375	TONS	\$	22,687.50	1351.16	\$	22,294.14	98.27%	1351.16	\$	22,294.14	98.27%	0	\$	-	Additional tree removals as directed by Owner.
A-23	LOWER LAYER HMA PAVEMENT	\$91.00	460	\$	41,860.00		460	TONS	\$	41,860.00	434.21	\$	39,513.11	94.39%	434.21	\$	39,513.11	94.39%	0	\$	-	
A-24	UPPER LAYER HMA PAVEMENT	\$120.00	250	\$	30,000.00		250	TONS	\$	30,000.00	320.99	\$	38,518.80	128.40%	320.99	\$	38,518.80	128.40%	0	\$	-	
A-25	TRAFFIC CONTROL	\$11,999.90	1	\$	11,999.90		1	L.S.	\$	11,999.90	1.00	\$	11,999.90	100.00%	1	\$	11,999.90	100.00%	0	\$	-	No base excavation completed/necessary within the intersection of Stoneridge .
A-26	TREE REMOVAL	\$1,250.00	3	\$	3,750.00		3	EA.	\$	3,750.00	5.00	\$	6,250.00	166.67%	5	\$	6,250.00	166.67%	0	\$	-	
A-27	LAWN RESTORATION	\$11.75	862	\$	10,128.50		862	S.Y.	\$	10,128.50	862.00	\$	10,128.50	100.00%	862	\$	10,128.50	100.00%	0	\$	-	
A-28	INLET PROTECTION	\$125.00	9	\$	1,125.00		9	EA.	\$	1,125.00	10.00	\$	1,250.00	111.11%	10	\$	1,250.00	111.11%	0	\$	-	Deleted service
B-1	COMMON EXCAVATION, INCLUDING ASPHALT PAVEMENT REMOVAL	\$48.00	815	\$	39,120.00		815	C.Y.	\$	39,120.00	707.00	\$	33,936.00	86.75%	707	\$	33,936.00	86.75%	0	\$	-	
B-2	SAW CUTTING ASPHALT ROADWAY	\$3.00	175	\$	525.00		175	L.F.	\$	525.00	198.00	\$	594.00	113.14%	198	\$	594.00	113.14%	0	\$	-	
B-3	SANITARY MANHOLE RING AND CASTING REPLACEMENT	\$1,250.00	2	\$	2,500.00		2	EA.	\$	2,500.00	2.00	\$	2,500.00	100.00%	2	\$	2,500.00	100.00%	0.0	\$	-	Item not utilized
B-4	12" PVC WATER MAIN	\$154.00	337	\$	51,898.00		337	L.F.	\$	51,898.00	336.00	\$	51,744.00	99.70%	336	\$	51,744.00	99.70%	0	\$	-	
B-5	VALVE ABANDONMENT	\$850.00	1	\$	850.00		1	EA.	\$	850.00	1.00	\$	850.00	100.00%	1	\$	850.00	100.00%	0	\$	-	
B-6	1 1/4" HDPE WATER SERVICE RELAY	\$104.00	220	\$	22,880.00		220	L.F.	\$	22,880.00	173.00	\$	17,992.00	78.64%	173	\$	17,992.00	78.64%	0	\$	-	No base excavation completed/necessary within the intersection of Stoneridge .
B-7	12" GATE VALVE	\$5,600.00	1	\$	5,600.00		1	EA.	\$	5,600.00	1.00	\$	5,600.00	100.00%	1	\$	5,600.00	100.00%	0	\$	-	
B-8	8" GATE VALVE	\$4,100.00	1	\$	4,100.00		1	EA.	\$	4,100.00	1.00	\$	4,100.00	100.00%	1	\$	4,100.00	100.00%	0	\$	-	
B-9	4" PVC STORM SEWER LATERAL	\$77.50	309	\$	23,947.50		309	L.F.	\$	23,947.50	332.00	\$	25,730.00	107.44%	332	\$	25,730.00	107.44%	0	\$	-	Item not utilized
B-10	REMOVE CONCRETE SIDEWALK	\$3.00	2,511	\$	7,533.00		2511	S.F.	\$	7,533.00	2624.00	\$	7,872.00	104.50%	2624	\$	7,872.00	104.50%	0	\$	-	
B-11	4" CONCRETE SIDEWALK	\$9.50	3,197	\$	30,371.50		3197	S.F.	\$	30,371.50	3248.54	\$	30,861.13	101.61%	3248.54	\$	30,861.13	101.61%	0	\$	-	
B-12	REMOVE CURB AND GUTTER	\$4.00	741	\$	2,964.00		741	L.F.	\$	2,964.00	778.00	\$	3,112.00	104.99%	778	\$	3,112.00	104.99%	0	\$	-	No base excavation completed/necessary within the intersection of Stoneridge .
B-13	30" CURB AND GUTTER TYPE D	\$20.50	741	\$	15,190.50		741	L.F.	\$	15,190.50	776.00	\$	15,908.00	104.72%	776	\$	15,908.00	104.72%	0	\$	-	
B-14	REMOVE CONCRETE DRIVEWAY APRON	\$3.50	369	\$	1,291.50		369	S.F.	\$	1,291.50	569.00	\$										

PROJECT NO: 05789-0009
PROJECT ID: Chateau Drive & Hickory Lane Reconstruction
CLIENT: Village of Jackson
CONTRACTOR: Payne & Dolan



		ESTIMATED QUANTITIES						Project-to-Date (PTD) CONTRACTOR SUBMITTAL			AS BUILT ENGINEER RECORD OF PTD INSTALLED QUANTITIES			AS BUILT VS SUBMITTED		ESTIMATED VS AS BUILT			
Item	Unit Price	ORIGINAL Estimated Quantity	ORIGINAL Schedule of Values	CO#1	TOTAL Estimated Quantity	Unit Meas.	YTD Schedule of Values Amount	QUANTITIES	VALUES	\$	QUANTITIES	VALUES	\$	QUANTITIES	VALUES	As Built Quantities	QUANTITIES	As Built Values	VALUES
								Submitted To Date	Submitted To Date	% of Est.	As Built VS Submitted	As Built VS Submitted	% of Est.	As Built VS Submitted	As Built VS Submitted		Estimated VS As Built		Estimated VS As Built
CHANGE ORDER ITEMS (& Supplemental Items by Change Order):																			
CO1	CREDIT - Curb Box Material	\$ -530.00	13	\$	(390.00)		13	EA	\$	(390.00)	100.00%	13	\$	(390.00)	100.00%	0	\$	-	
CO1	Stump Grinding - Hickory	\$ 500.00	2	\$	1,000.00		2	EA	\$	1,000.00	100.00%	2	\$	1,000.00	100.00%	0	\$	-	
CO1	Chimney Rebuild - Catch Basins (HDPE Rings provided by Owner)	\$ 600.00	5	\$	3,000.00		5	EA	\$	3,000.00	100.00%	5	\$	3,000.00	100.00%	0	\$	-	
CO1	Chimney Rebuild - Storm Manholes (HDPE Rings provided by Owner)	\$ 650.00	4	\$	2,600.00		4	EA	\$	2,600.00	100.00%	4	\$	2,600.00	100.00%	0	\$	-	
CO1	12" Yard Drain & Grate w/ Storm Lead - Chateau	\$ 2,950.00	1	\$	2,950.00		1	LS	\$	2,950.00	100.00%	1	\$	2,950.00	100.00%	0	\$	-	
CO1	Relocating Sanitary Lateral Conns. To Outside of MH - Chateau	\$ 4,600.00	2	\$	9,200.00		2	EA	\$	9,200.00	100.00%	2	\$	9,200.00	100.00%	0	\$	-	
CO1	CREDIT - Storm Sewer Lateral Clean-out	\$ (300.00)	4	\$	(1,200.00)		4	EA	\$	(1,200.00)	100.00%	4	\$	(1,200.00)	100.00%	0	\$	-	
CO2	DEDUCT: Lawn Restoration	\$ (5,000.00)	1	\$	(5,000.00)		1	LS	\$	(5,000.00)	100.00%	1	\$	(5,000.00)	100.00%	0	\$	-	
Project TOTALS =				\$	886,002.00				\$	907,130.57	102.07%		\$	907,130.57	102.07%		\$	-	

NOTES:

Related to Owner's performance/correction of deficient Work.

Net Change from Change Orders = \$ 14,910.00
ADD / (LESS) As-Built Reconciliation of Installed Quantities Vs Estimated = \$ 18,378.57
TOTAL CHANGE FROM CHANGE ORDERS (Including As-Built Reconciliation) = \$ 33,288.57
Change to Contract Price as Percent of ORIGINAL Contract Value = 3.81%
Change to Contract Price as Percent of FINAL Contract Value = 3.67%

1	Original Contract Price	\$	873,842.00	
2	Change Orders	\$	33,288.57	Include As-Built CO ? ☒ (Y or N)
3	Current Contract Price	\$	907,130.57	
4	Completed to Date	\$	907,130.57	("YTD Contractor Submittal")
5	Retainage	\$	0%	(5% before Substantial Completion 2.5% after)
6	Complete LESS Retainage	\$	907,130.57	
7	Previous Payments	\$	864,902.39	
8	LDs	\$	-	
9	Additional Eng Costs	\$	-	
10	DUE this Application	\$	42,228.18	
11	Balance to Finish Including Retainage	\$	-	

Line 10 PLUS 11 \$ 42,228.18

CONTRACTOR PTD PAYMENTS:

Payment No.1	\$	303,608.03
Payment No.2	\$	395,269.87
Payment No.3	\$	166,024.49
Payment No.4		
Payment No.5		
Payment No.6		
Payment No.7		
Payment No.8		
Payment No.9		
Payment No.10		
Payment No.11		
Payment No.12		
YTD PAID TO CONTRACTOR =	\$	864,902.39
As-Built Value =	\$	907,130.57
Balance =	\$	42,228.18



engineering | architecture | environmental | surveying
landscape architecture | planning | economic development

W61 N497 Washington Avenue
Cedarburg, WI 53012
262-204-2360
800-472-7372
FAX 262-375-2688
www.cedarcorp.com

March 15, 2021

Village of Jackson
N168 W20733 Main Street
PO Box 637
Jackson, WI 53037

Attn: Mr. Brian Kober, P.E., Director of Public Works

Re: Contractor's Application for Payment No. 4 (FINAL)
Chateau Drive and Hickory Lane Reconstruction
Project No. 05789-0009

Dear Mr. Kober:

We have reviewed the above referenced project and find it in order. Therefore, it is our recommendation that the Village of Jackson grant final acceptance of the Chateau Drive and Hickory Lane Reconstruction project.

Enclosed for your use in payment to Payne & Dolan, Inc. in the amount of \$42,228.18 is Contractor's Application for Payment No. 4 (FINAL). Also enclosed are the following documents:

- Lien Waivers
- Consent of Surety to Final Payment
- Contractor Certificate of Insurance

Following your review and approval, please complete the application for payment form within the areas reserved for the Owner. Thereafter, retain one copy for your records, provide the second copy to the Contractor with payment, and provide the third copy to our office.

Following your review and approval, please complete the application for payment form within the areas reserved for the Owner and process payment to the Contractor accordingly.

Should you have any questions, please feel free to contact me at our Cedarburg office.

Sincerely,

CEDAR CORPORATION

Douglas T. Kroes
Senior Construction Manager

Enclosed: As Noted

Cc: Parker Sovey, Project Manager – Payne & Dolan, Inc.

 ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE		Application Period:	4/9/20 - 11/30/20	Application Date:	1/28/2021
To (Owner): Village of Jackson		From (Contractor):	Payne & Dolan, Inc.	Via (Engineer):	Cedar Corporation
Project: Chateau Drive and Hickory Lane Reconstruction		Contract:			
Owner's Contract No:		Contractor's Project No:		Engineer's Project No:	05789-0009

Application For Payment Change Order Summary

Approved Change Orders		
Number	Additions	Deductions
1	\$19,910.00	
2	\$13,378.57	
TOTALS	\$33,288.57	
NET CHANGE BY CHANGE ORDERS		\$33,288.57

1. ORIGINAL CONTRACT PRICE.....	\$ 873,842.00
2. Net change by Change Orders.....	\$ 33,288.57
3. Current Contract Price (Line 1 ± 2).....	\$ 907,130.57
4. TOTAL COMPLETED AND STORED TO DATE (Column I total on Progress Estimates).....	\$ 907,130.57
5. RETAINAGE:	
a. X X \$907,130.57 Work Completed.....	\$ _____
b. 5% X _____ Stored Material.....	\$ _____
c. Total Retainage (Line 5.a + Line 5.b).....	\$ _____
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c).....	\$ 907,130.57
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....	\$ 864,902.39
8. AMOUNT DUE THIS APPLICATION.....	\$ 542,228.18

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

- (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
- (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and
- (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature

By: **Parker Sovey**

Date: _____

3/15/21

Approved by:

Funding or Financing Entity (if applicable)

(Date)

Payment of:

(Line 8 or other - attach explanation of the other amount) \$42,228.18

is recommended by:

(Engineer)

(Date)

Payment of:

(Line 8 or other - attach explanation of the other amount)

is approved by:

(Owner) (Date)

Unit Price Progress Estimate

Contractor's Application

Project: Chateau Drive and Hickory Lane Reconstruction			Application Number: 4 (FINAL)									
Application Period: 4/9/20 - 11/30/20			Application Date: January 28, 2021									
A			B	C	D	E	F	G	H	I	J	
Bid No.	Item	Estimated Bid Quantity	Unit Price	Previous Applications		Quantity Completed		Materials Stored		Total Completed & Stored to Date (C+E+G)		% Comp.
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	
A-1	COMMON EXCAVATION, INCLUDING ASPHALT PAVEMENT REMOVAL	1,100	\$8.00	965.28	\$55,986.24					965.28	\$55,986.24	87.8%
A-2	SAW CUTTING ASPHALT ROADWAY	155	\$3.00	155	\$465.00					155	\$465.00	100.0%
A-3	SANITARY MANHOLE RING AND CASTING REPLACEMENT	5	\$1,250.00	5	\$6,250.00					5	\$6,250.00	100.0%
A-4	8" PVC WATER MAIN	576	\$117.50	573	\$67,327.50					573	\$67,327.50	99.5%
A-5	VALVE ABANDONMENT	3	\$850.00	3	\$2,550.00					3	\$2,550.00	100.0%
A-6	SALVAGE HYDRANT	1	\$3,000.00	1	\$3,000.00					1	\$3,000.00	100.0%
A-7	1 1/4" HDPE WATER SERVICE RELAY	350	\$104.00	365.2	\$37,980.80					365.2	\$37,980.80	104.3%
A-8	HYDRANT ASSEMBLY	1	\$7,800.00	1	\$7,800.00					1	\$7,800.00	100.0%
A-9	8" GATE VALVE	3	\$4,100.00	3	\$12,300.00					3	\$12,300.00	100.0%
A-10	12" RCP STORM SEWER	448	\$94.00	445	\$41,830.00					445	\$41,830.00	99.3%
A-11	CATCH BASIN	3	\$2,750.00	3	\$8,250.00					3	\$8,250.00	100.0%
A-12	4" PVC STORM SEWER LATERAL (10 UNITS)	722	\$77.50	852.5	\$66,068.75					852.5	\$66,068.75	118.1%
A-13	REMOVE CONCRETE SIDEWALK	4,523	\$3.00	4023	\$12,069.00	316	\$948.00			4339	\$13,017.00	95.9%
A-14	4" CONCRETE SIDEWALK	5,030	\$8.37	4699.3	\$39,333.14					4699.3	\$39,333.14	93.4%
A-15	REMOVE CURB AND GUTTER	1,172	\$4.00	1007	\$4,028.00	105	\$420.00			1112	\$4,448.00	94.9%
A-16	30" CURB AND GUTTER TYPE D	1,172	\$20.00	1112	\$22,240.00					1112	\$22,240.00	94.9%
A-17	REMOVE CONCRETE DRIVEWAY APRON	1,404	\$3.50	3338.2	\$11,683.70					3338.2	\$11,683.70	237.8%
A-18	7" CONCRETE DRIVEWAY APRON	2,664	\$11.00	4338.04	\$47,938.44					4338.04	\$47,938.44	163.6%
A-19	EXCAVATION BELOW SUBGRADE (EBS)	150	\$20.00	61.3	\$1,226.00					61.3	\$1,226.00	40.9%
A-20	EBS BACKFILL 1 1/4" DENSE	150	\$19.00	122.6	\$2,329.40					122.6	\$2,329.40	81.7%
A-21	EBS BACKFILL 3" DENSE	150	\$18.00	1351.16	\$22,294.14					1351.16	\$22,294.14	98.3%
A-22	CRUSHED AGGREGATE BASE COURSE 1 1/4"	1,375	\$16.50	434.21	\$39,513.11					434.21	\$39,513.11	94.4%
A-23	LOWER LAYER HMA PAVEMENT	460	\$91.00	320.99	\$38,518.80					320.99	\$38,518.80	128.4%
A-24	UPPER LAYER HMA PAVEMENT	250	\$11,999.90	1	\$11,999.90					1	\$11,999.90	100.0%
A-25	TRAFFIC CONTROL	1	\$1,250.00	5	\$6,250.00					5	\$6,250.00	166.7%
A-26	TREE REMOVAL	3	\$11.75	862	\$10,128.50					862	\$10,128.50	100.0%
A-27	LAWN RESTORATION	9	\$125.00	10	\$1,250.00					10	\$1,250.00	111.1%
A-28	INLET PROTECTION	815	\$48.00	707	\$33,936.00					707	\$33,936.00	86.7%
B-1	COMMON EXCAVATION, INCLUDING ASPHALT PAVEMENT REMOVAL	175	\$3.00	198	\$594.00					198	\$594.00	113.1%
B-2	SAW CUTTING ASPHALT ROADWAY	2	\$1,250.00	2	\$2,500.00					2	\$2,500.00	100.0%
B-3	SANITARY MANHOLE RING AND CASTING REPLACEMENT	337	\$154.00	336	\$51,744.00					336	\$51,744.00	99.7%
B-4	12" PVC WATER MAIN	1	\$850.00	1	\$850.00					1	\$850.00	100.0%
B-5	VALVE ABANDONMENT	220	\$104.00	173	\$17,992.00					173	\$17,992.00	78.6%
B-6	1 1/4" HDPE WATER SERVICE RELAY	1	\$5,600.00	1	\$5,600.00					1	\$5,600.00	100.0%
B-7	12" GATE VALVE	1	\$4,100.00	1	\$4,100.00					1	\$4,100.00	100.0%
B-8	8" GATE VALVE	309	\$77.50	332	\$25,730.00					332	\$25,730.00	107.4%
B-9	4" PVC STORM SEWER LATERAL	2,511	\$3.00	2511	\$7,533.00	113	\$339.00			2624	\$7,872.00	104.5%
B-10	REMOVE CONCRETE SIDEWALK	3,197	\$9.50	3248.54	\$30,861.13					3248.54	\$30,861.13	101.6%
B-11	4" CONCRETE SIDEWALK	741	\$4.00	778	\$3,112.00					778	\$3,112.00	105.0%
B-12	REMOVE CURB AND GUTTER	741	\$20.50	776	\$15,908.00					776	\$15,908.00	104.7%
B-13	30" CURB AND GUTTER TYPE D	369	\$3.50	569	\$1,991.50					569	\$1,991.50	154.2%
B-14	REMOVE CONCRETE DRIVEWAY APRON	551	\$11.30	763.39	\$8,626.31					763.39	\$8,626.31	138.5%
B-15	7" CONCRETE DRIVEWAY APRON	125	\$20.00	91.62	\$1,832.40					91.62	\$1,832.40	73.3%
B-16	EXCAVATION BELOW SUBGRADE (EBS)	125	\$19.00	183.22	\$3,481.18					183.22	\$3,481.18	146.6%
B-17	EBS BACKFILL 1 1/4" DENSE	125	\$19.00	183.22	\$3,481.18					183.22	\$3,481.18	146.6%

Unit Price Progress Estimate

Contractor's Application

Project: Chateau Drive and Hickory Lane Reconstruction					Application Number: 4 (FINAL)								
Application Period: 4/9/20 - 11/30/20					Application Date: January 28, 2021								
A					B	C	D	E	F	G	H	I	J
Bid No.	Item	Description	Estimated Bid Quantity	Unit Price	Previous Applications		Quantity Applied		Materials Stored		Total Completed & Stored to Date (C+E+G)		% Comp.
					Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	
A-1		COMMON EXCAVATION, INCLUDING ASPHALT PAVEMENT REMOVAL.	1,100	\$58.00	965.28	\$55,986.24					965.28	\$55,986.24	87.8%
B-18		EBS BACKFILL 3" DENSE	125	\$18.00	814.13	\$13,433.15					814.13	\$13,433.15	79.4%
B-19		CRUSHED AGGREGATE BASE COURSE 1 1/4"	1,025	\$16.50	349.47	\$32,780.29					349.47	\$32,780.29	99.8%
B-20		LOWER LAYER HMA PAVEMENT	350	\$93.80	190	\$23,286.40					190	\$23,286.40	100.0%
B-21		UPPER LAYER HMA PAVEMENT	190	\$122.56	1	\$11,451.80					1	\$11,451.80	100.0%
B-22		TRAFFIC CONTROL	1	\$11,451.80	3	\$3,750.00					3	\$3,750.00	100.0%
B-23		TREE REMOVAL	3	\$1,250.00	920	\$10,810.00					920	\$10,810.00	100.0%
B-24		LAWN RESTORATION	920	\$11.75	6	\$750.00					6	\$750.00	100.0%
B-25		INLET PROTECTION	6	\$125.00	13	-\$390.00					13	-\$390.00	100.0%
CO1		CREDIT - Curb Box Material	13	-\$30.00	2	\$1,000.00					2	\$1,000.00	100.0%
CO1		Stump Grinding - Hickory	2	\$500.00	5	\$3,000.00					5	\$3,000.00	100.0%
CO1		Chimney Rebuild - Catch Basins (HDPE Rings provided by Owner)	5	\$600.00	4	\$2,600.00					4	\$2,600.00	100.0%
CO1		Chimney Rebuild - Storm Manholes (HDPE Rings provided by Owner)	4	\$650.00	1	\$2,950.00					1	\$2,950.00	100.0%
CO1		12" Yard Drain & Gate w/ Storm Lead - Chateau	1	\$2,950.00	2	\$9,200.00					2	\$9,200.00	100.0%
CO1		Relocating Sanitary Lateral Coms. To Outside of MH - Chateau	2	\$4,600.00	4	-\$1,200.00					4	-\$1,200.00	100.0%
CO1		CREDIT - Storm Sewer Lateral Clean-out	4	\$300.00									100.0%
CO2		DEDUCT: Lawn Restoration	1	\$5,000.00							1	-\$5,000.00	100.0%
TOTAL					\$910,423.57			-\$3,293.00				\$907,130.57	

FULL WAIVER OF CONSTRUCTION LIEN

§779.05, Wis. Stats.

Date: March 9, 2021

1. Claimant's Name: Payne & Dolan, Inc.
Claimant's Address: N173W21120 Northwest Passage Wy, Jackson, WI 53037

2. Property Improved by Contractor's Work (check one):
☒ Street address: Chateau Dr & Hickory Ln, Jackson, WI
☐ Legal description attached.

3. Contractor's Work furnished at the request of:

VILLAGE OF JACKSON

4. Waiver of lien rights is made for (select one):

☐ The following work: Asphalt paving & related work completed on the Village of Jackson
Chateau Drive & Hickory Lane Reconstruction project / P&D #205083

☒ All past Work, including labor, services, material, plans or specifications performed or furnished
at any time by the Contractor at the Property. This is a full waiver of all lien rights.

5. Title Companies, Lenders or others may require disclosure of the Contractor's subcontractors and
material suppliers before disbursement of funds related to the Contractor's above-described Work. If
so required, specify name(s) of Contractor's subcontractors and material suppliers furnishing any
portion of the Work being waived:

CONTRACTOR NAME: PAYNE & DOLAN, INC.

By: Jeffrey Batchelor
(signature)

Authorized Agent's Name: Jeffrey Batchelor
(print name of person signing above)

Title: Agent

Address: N173W21120 Northwest Passage Wy, Jackson, WI
53037

Telephone Number: 262-677-5520

§779.05 Waivers of Lien. Provides, in part "(1) Any document signed by a lien claimant or potential claimant and purporting to be a waiver of construction lien rights under this subchapter, is valid and binding as a waiver whether or not consideration was paid therefor and whether the document was signed before or after the labor or material was furnished or contracted for. Any ambiguity in such document shall be construed against the person signing it. Any waiver document shall be deemed to waive all lien rights of the signer for all labor, services, material, plans or specifications performed, furnished or procured, or to be performed, furnished or procured by the claimant at any time for the improvement to which the waiver relates, except to the extent that the document specifically and expressly limits the waiver to apply to a particular portion of such labor, services, material, plans or specifications. A lien claimant or potential lien claimant of whom a waiver is requested is entitled to refuse to furnish a waiver unless paid in full for the labor, services, material, plans or specifications to which the waiver relates. A waiver furnished is a waiver of lien rights only, and not of any contract rights of the claimant otherwise existing."

Contractor's failure to pay its subcontractors or material suppliers from monies received for its Work may result in civil or criminal liability under Wisconsin's theft by contractor statute, §779.02(5), Wis. Stats.

FULL WAIVER OF CONSTRUCTION LIEN

§779.05, Wis. Stats.

Date: **March 4, 2021**

1. Claimant's Name:
Claimant's Address:
2. Property Improved by Contractor's Work (check one):
☒ Street address: Chateau Dr & Hickory Ln, Jackson, WI
☐ Legal description attached.
3. Contractor's Work furnished at the request of:

VILLAGE OF JACKSON

4. Waiver of lien rights is made for (select one):
☐ The following work: Asphalt paving & related work completed on the Village of Jackson
Chateau Drive & Hickory Lane Reconstruction project / P&D #205083

☒ All past Work, including labor, services, material, plans or specifications performed or furnished
at any time by the Contractor at the Property. This is a full waiver of all lien rights.
5. Title Companies, Lenders or others may require disclosure of the Contractor's subcontractors and
material suppliers before disbursement of funds related to the Contractor's above-described Work. If
so required, specify name(s) of Contractor's subcontractors and material suppliers furnishing any
portion of the Work being waived:

CONTRACTOR NAME: DC Burbach, Inc.

By: _____

Authorized Agent's Name: Peter H. Burbach

Title: President

Address: 4228 N 2862 Duplainville Rd. - Waukesha WI

Telephone Number: (262) 547-4337 '53186

§779.05 Waivers of Lien. Provides, in part "(1) Any document signed by a lien claimant or potential claimant and purporting to be a waiver of construction lien rights under this subchapter, is valid and binding as a waiver whether or not consideration was paid therefor and whether the document was signed before or after the labor or material was furnished or contracted for. Any ambiguity in such document shall be construed against the person signing it. Any waiver document shall be deemed to waive all lien rights of the signer for all labor, services, material, plans or specifications performed, furnished or procured, or to be performed, furnished or procured by the claimant at any time for the improvement to which the waiver relates, except to the extent that the document specifically and expressly limits the waiver to apply to a particular portion of such labor, services, material, plans or specifications. A lien claimant or potential lien claimant of whom a waiver is requested is entitled to refuse to furnish a waiver unless paid in full for the labor, services, material, plans or specifications to which the waiver relates. A waiver furnished is a waiver of lien rights only, and not of any contract rights of the claimant otherwise existing."

Contractor's failure to pay its subcontractors or material suppliers from monies received for its Work may result in civil or criminal liability under Wisconsin's theft by contractor statute, §779.02(5), Wis. Stats.

FULL WAIVER OF CONSTRUCTION LIEN

§779.05, Wis. Stats.

Date: March 4, 2021

1. Claimant's Name:
Claimant's Address:

2. Property Improved by Contractor's Work (check one):

- ☒ Street address: Chateau Dr & Hickory Ln, Jackson, WI
☐ Legal description attached.

3. Contractor's Work furnished at the request of:

VILLAGE OF JACKSON

4. Waiver of lien rights is made for (select one):

- ☐ The following work: Asphalt paving & related work completed on the Village of Jackson
Chateau Drive & Hickory Lane Reconstruction project / P&D #205083
- ☒ All past Work, including labor, services, material, plans or specifications performed or furnished
at any time by the Contractor at the Property. This is a full waiver of all lien rights.

5. Title Companies, Lenders or others may require disclosure of the Contractor's subcontractors and material suppliers before disbursement of funds related to the Contractor's above-described Work. If so required, specify name(s) of Contractor's subcontractors and material suppliers furnishing any portion of the Work being waived:

CONTRACTOR NAME: Highway Landscapers, Inc.

By: Scott Skinkis
(signature)

Authorized Agent's Name: Scott Skinkis
(print name of person signing above)

Title: President

Address: 1900 Bohm Drive Little Chute, WI 54140

Telephone Number: 920-789-1701

§779.05 Waivers of Lien. Provides, in part "(1) Any document signed by a lien claimant or potential claimant and purporting to be a waiver of construction lien rights under this subchapter, is valid and binding as a waiver whether or not consideration was paid therefor and whether the document was signed before or after the labor or material was furnished or contracted for. Any ambiguity in such document shall be construed against the person signing it. Any waiver document shall be deemed to waive all lien rights of the signer for all labor, services, material, plans or specifications performed, furnished or procured, or to be performed, furnished or procured by the claimant at any time for the improvement to which the waiver relates, except to the extent that the document specifically and expressly limits the waiver to apply to a particular portion of such labor, services, material, plans or specifications. A lien claimant or potential lien claimant of whom a waiver is requested is entitled to refuse to furnish a waiver unless paid in full for the labor, services, material, plans or specifications to which the waiver relates. A waiver furnished is a waiver of lien rights only, and not of any contract rights of the claimant otherwise existing."

Contractor's failure to pay its subcontractors or material suppliers from monies received for its Work may result in civil or criminal liability under Wisconsin's theft by contractor statute, §779.02(5), Wis. Stats.

**CONSENT OF
SURETY COMPANY
TO FINAL PAYMENT**

Conforms with the American Institute of
Architects, AIA Document G707

OWNER ☐
ARCHITECT ☐
CONTRACTOR ☐
SURETY ☐
OTHER ☐

Bond No 30075650

PROJECT: Chateau Drive and Hickory Lane Reconstruction (Job #205083)
(name, address)

TO (Owner)

VILLAGE OF JACKSON
W194 N16660 Eagle Drive
Jackson WI 53037

ARCHITECT'S PROJECT NO:
CONTRACT FOR:
Chateau Drive and Hickory Lane Reconstruction (Job #205083)
CONTRACT DATE: 8/22/2019

CONTRACTOR: PAYNE & DOLAN, INC.

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above, the
(here insert name and address of Surety Company)

WESTERN SURETY COMPANY
151 N. Franklin Street
Chicago IL 60606

, SURETY COMPANY

on bond of (here insert name and address of Contractor)

PAYNE & DOLAN, INC.
N3 W23650 Badinger Road
Waukesha WI 53188

, CONTRACTOR,

hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall not relieve
the Surety Company of any of its obligations to (here insert name and address of Owner)

VILLAGE OF JACKSON
W194 N16660 Eagle Drive
Jackson WI 53037

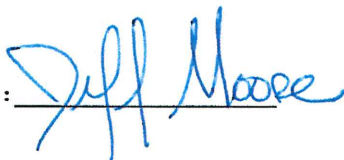
, OWNER,

as set forth in the said Surety Company's bond.

IN WITNESS, WHEREOF,
the Surety Company has hereunto set its hand this

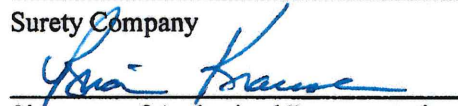
9th day of March, 2021

Attest: Witness:
(Seal):



WESTERN SURETY COMPANY

Surety Company


Signature of Authorized Representative

Brian Krause
Title

Attorney-in-Fact

NOTE: This form is to be used as a companion document to AIA DOCUMENT G706, CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS,
Current Edition

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

**Kelly Cody, Roxanne Jensen, Christopher Hovden, Individually of Green Bay, Wisconsin
Trudy A. Szalewski, Brian Krause, Individually of Milwaukee, Wisconsin**

of Green Bay, WI, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 8th day of November, 2019.



WESTERN SURETY COMPANY

Paul T. Bruflat

Paul T. Bruflat, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 8th day of November, 2019, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

June 23, 2021



J. Mohr

J. Mohr, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 9th day of March, 2021.



WESTERN SURETY COMPANY

L. Nelson

L. Nelson, Assistant Secretary



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
08/23/2019

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
Aon Risk Services Central, Inc.
Green Bay WI Office
111 N. Washington Street, Suite 300
P. O. Box 23004
Green Bay WI 54305-3004 USA

CONTACT NAME:
PHONE (A/C. No. Ext): (920) 437-7123 FAX (A/C. No.): (920) 431-6345
E-MAIL ADDRESS:

INSURER(S) AFFORDING COVERAGE

NAIC #

INSURED
Payne & Dolan Inc.
c/o Jason Garcia
PO Box 781
Waukesha WI 53187 USA

INSURER A: The Travelers Indemnity Co. 25658
INSURER B: Travelers Property Cas Co of America 25674
INSURER C: The Travelers Indemnity Co of CT 25682
INSURER D: Allied World Assurance Company (US) Inc 19489
INSURER E:
INSURER F:

COVERAGES

CERTIFICATE NUMBER: 570077925360

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. Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☐ LOC ☐ OTHER:			VTC2K-CO-72118454-IND-19 General Liability	03/01/2019	03/01/2020	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000
A	AUTOMOBILE LIABILITY ☒ ANY AUTO OWNED AUTOS ONLY ☒ HIRED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ NON-OWNED AUTOS ONLY			VTC2K-CAP-3049P020-IND-19 Automobile	03/01/2019	03/01/2020	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
B	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED ☒ RETENTION \$10,000			VTSMJ-CUP-6J773169-TIL-19 Umbrella	03/01/2019	03/01/2020	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	Y/N		UB-3L596342-19-25-R Workers Compensation - WI	03/01/2019	03/01/2020	☒ PER STATUTE ☐ OTHER
C	ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N	N/A	UB-4L04638A-19-25-K Workers Compensation - oth	03/01/2019	03/01/2020	E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE-EA EMPLOYEE \$1,000,000 E.L. DISEASE-POLICY LIMIT \$1,000,000
D	Env Contr Poll			0310-1869 CONTRACTOR'S POLLUTION LI	06/22/2019	06/22/2022	Pollution Limit \$1,000,000

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

RE: 205083 - V/O JACKSON 2019 CHATEAU DR. VILLAGE OF JACKSON IS AN ADDITIONAL INSURED ON THE COMMERCIAL GENERAL LIABILITY POLICY PER THE TRAVELERS ADDITIONAL INSURED ENDORSEMENT #CG D3 61 03 05 AND CG 20 37 07 04 AND ON THE AUTOMOBILE, UMBRELLA AND POLLUTION LIABILITY POLICIES ON A PRIMARY AND NON-CONTRIBUTORY BASIS, IF REQUIRED BY CONTRACT, AND TO THE EXTENT CAUSED BY THE NEGLIGENT ACTS OR OMISSIONS OF THE NAMED INSURED. THE LIMIT OF LIABILITY COVERAGE WILL BE PER CONTRACT OR AS SHOWN ON THE COI, WHICHEVER IS LESS. ENDORSED POLICIES WILL INCLUDE A 30 DAY NOTICE OF CANCELLATION/NONRENEWAL FOR ANY REASON OTHER THAN NONPAYMENT OF PREMIUM, PROVIDED TO THOSE PARTIES INDICATED IN THE WRITTEN CONTRACT.

CERTIFICATE HOLDER

CANCELLATION

VILLAGE OF JACKSON
W194N16660 EAGLE DRIVE
JACKSON WI 53037 USA

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

Aon Risk Services Central Inc.

Holder Identifier :

Certificate No : 570077925360

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – OWNERS, LESSEES OR
CONTRACTORS – SCHEDULED PERSON OR
ORGANIZATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Names of Additional Insured Person(s) or Organization(s):

VILLAGE OF JACKSON

Location of Covered Operations:

RE: 205083 - V/O JACKSON 2019 CHATEAU DR

(Information required to complete this Schedule, if not shown above, will be shown in the Declarations.)

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage", "personal injury" or "advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring, or "personal injury" or "advertising injury" arising out of an offense committed, after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – OWNERS, LESSEES OR
CONTRACTORS – COMPLETED OPERATIONS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location And Description Of Completed Operations
VILLAGE OF JACKSON	RE: 205083 - V/O JACKSON 2019 CHATEAU DR
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

Memo

To: Brian Kober
From: Jeff Kreutzinger
CC: Jeff Deitsch
Date: 4/13/2021
Re: Well #4 inspection

I have received 3 bids to remove and inspect well #4

<u>Contactor</u>	<u>Quote</u>	<u>Supplementary item – video survey</u>
Water Well Solutions	\$16850.00	\$850.00
CTW Corporation	\$18700.00	\$1200.00
Municipal Well and Pump	\$17830.00	\$1125.00

I would like to propose that we except the low bid of \$16850.00 from Water Well Solutions. I have been working with WWS for over 20+ years and they have always done very acceptable work for me. I know that CTW and Municipal Well and Pump are both reparable company's and would do fine work, I'd just be more comfortable working with people I'm comfortable with.

Jeff Kreutzinger

Water Utility Supervisor



April 13, 2021

Jackson Water Department
N168 W20733 Main Street
Jackson, WI 53037
Attn: Jeff Kreutzinger

Re: Well #4 Pump removal / inspection

Dear Jeff,

Per your request, we are providing a proposal for the removal & inspection of the deep well pumping equipment at your Well #4 municipal pump station. The information you have provided indicates that the pump is an open line-shaft turbine set to 320ft depth on 10" x 1 11/16" column.

Requested procedure along with the associated costs:

- Mobilize to site and perform brief performance test for baseline info.
- Removal of the vertical turbine pumping equipment.
- Load components onto our trailer and transport them back to our facility for teardown and inspection.
- Rebuild stuffing box
- Remove and replace all rubber line shaft bearings
- Disassemble, clean and inspect bowl assembly. Measure and verify proper tolerances
- Return to site and brush well casing / bail fill
- Chlorinate per applicable codes
- Perform complete re-installation of pump assembly w/ new airline assy
- Collect bacti sample
- Clean up and demobilize from site
- Provide updated installation report

Lump Sum \$16,850.00

Upon completion of our initial inspection a secondary proposal will be provided to the village outlining any additional recommended repairs along with associated costs. Approved repairs to be performed at our standard labor rates.

During our on-site meeting, we had discussed rig setup and the ability for our crew to safely remove/install the pump. It is our understanding that your crews will provide any temporary lane closure required for us to set up and work safely in front of the building.

Should questions or comments arise regarding our proposal, please feel free to contact our office at your convenience. We greatly appreciate this opportunity to submit a proposal and we look forward to hearing from you soon.

Most Sincerely,
Water Well Solutions

Peter Bennin

Peter Bennin
Senior Project Manager

N87W36051 Mapleton Street, Oconomowoc, WI 53066
Cell: (262) 269-8755 | **Office:** (920) 474-4777 | **Fax:** (920) 474-4771
Email: peter.bennin@wwssg.com | **Web:** www.wwssg.com



March 29, 2021

Jeff Kreutzinger- via email
Village of Jackson

RE: Well #4 Routine Maintenance

Dear Mr. Kreutzinger:

Thank you for the opportunity to provide a quote for performing routine maintenance on the well pump at Well #4. Based on our records, the pump is an American Turbine 12H150, 6 stage, set on 10" column pipe to a depth of 320 feet.

CTW proposes to complete the following work:

- Obtain WDNR approval to complete brushing and bailing of the well
- Mobilize to the site and remove the motor and pump
- Provide a written summary of the condition of the pumping system components including any recommended work
- Brush the well casing and bail any removed sediment from the bottom of the well
- Rebuild the existing pump bowl assembly
- Install new lineshaft bearings
- Rebuild the stuffing box and install a new polyethylene airline
- Return to the site, install the pump and new airline, disinfect the well, start up and flush to waste, take bacteriological sample, and conduct start-up testing

The cost to perform the above work is \$18,700.

Additional items that you may want/need to have completed as part of the project that are being provided for budgeting purposes:

- While the pump is out of the well, televising can be completed for an additional \$1,200. We would provide the Village with a copy of the televising on USB for your use after completion of the work.
- If any of the 10" column pipe is found to be in poor condition and can't be reused, the cost per 10' length is \$685 and the cost per 5' length is \$510.
- If any of the 1-11/16" stainless steel lineshaft is found to be in poor condition and can't be reused, the cost per 10' length is \$405 and the cost per 5' length is \$285.
- We recommend that motors be evaluated at least once every 20,000 hours of runtime by the motor shop. To have it evaluated, the cost is \$750. We can provide a quote for any recommended work after the evaluation is completed.

If you have any questions regarding this proposal or would like us to get the work on our schedule, please contact me at sarah.nunn@ctwcorporation.com or (414)308-0024.

Sincerely,

Sarah J. Nunn, PE

Sarah Nunn, PE
Operations Manager



April 12, 2021

Village of Jackson
Attn: Jeff Kreutzinger
Water Utility, Supt
Jackson, WI. 53037

Re: Well #4 Inspection

Jeff,

We're writing to provide our proposal to remove and inspect the subject pumping unit. The work scope is detailed as follows:

Well #4 Inspection:

- Mobilize service crew and equipment
- Set up pump service equipment, disconnect pumping unit following a short pre-pull performance test for base-line record
- Remove the 320' set turbine pumping unit
- Disassemble pump bowls for inspection, provide report of all pump equipment & recommendation
- Remove and replace shaft bearings, replace airlines(dual)
- Rebuild stuffing box, including bearing replacement, re-pack/grease
- Return well to service following any applicable authorized repairs(TBD), disinfection, sampling, vibration testing, clean-up, demob of crew and equipment, update pump records, file reports

Total removal/inspection and re-install services above\$ 17,830

Supplementary Item(s):

- Provide video well survey, if applicable.....\$ 1125

Service crews are readily available for service scheduling to meet your needs. If after your review you should have any questions, please feel free to contact our office for discussion. We appreciate the opportunity in presenting this proposal and trust it meets your request.

Respectfully,

Municipal Well and Pump

Tracy Greenfield

Tracy Greenfield
Sr Project Mgr/VP

RESOLUTION #21-09

FINAL RESOLUTION AUTHORIZING THE LEVY OF SPECIAL ASSESSMENTS AGAINST BENEFITED PROPERTY ASSOCIATED WITH HUNTERS ROAD AND CHATEAU DRIVE PROJECT 2020

WHEREAS, the Village Board of the Village of Jackson, Washington County, Wisconsin, on the 14th day of July, 2020, adopted a Preliminary Resolution declaring its intention to levy special assessments pursuant to Section 66.0703, Wisconsin Statutes upon the property benefited by the construction and reconstruction of public improvements consisting of water and sanitary sewer mains; storm sewers; pavement; curb and gutter; and sidewalks.

WHEREAS, the governing body held a public hearing at the Jackson Village Hall, located at N168 W20733 Main Street at 7:30 p.m. on the 8th day of May 2021 for the purpose of hearing all interested persons who desired to speak concerning the project's improvements and assessments, and

WHEREAS, the governing body has examined the report relating to the improvements and assessments (contained therein) and has considered the statements of those persons appearing at the public hearing,

NOW, THEREFORE, BE IT RESOLVED, by the Village Board of the Village of Jackson, Washington County, Wisconsin, as follows:

1. The report pertaining to the construction of the above-described public improvements, including plans and specifications, therefore, is adopted and approved.
2. The improvements were carried out in accordance with such report, and payment for assessing the cost to the property shall make the improvements, benefited those properties as indicated in the report.
3. The assessments shown on the report represent an exercise of police power, have been determined and completed on a reasonable basis, and are hereby confirmed. The total amount assessed is \$56,916.13. The amount assessed against each of the affected properties is enumerated in the Assessment Report contained herein.
4. The assessments for all projects included in the report, are hereby combined as a single assessment, but any interested property owner may object to each assessment separately or to all of the assessments jointly, for any purpose.
5. The property owners may, at their option, pay the assessment to the Treasurer of the Village of Jackson, in one single total payment, or have the amount added as a Special Assessment to their annual property tax statement for the tax year

2021.

6. The Village Clerk shall publish this Resolution as a Class 1 notice, an Installment Assessment Notice, in accordance with Section 66.0703, Wisconsin Statutes.
7. The Village Treasurer shall mail to every interested person whose post office address is known or can with reasonable diligence be ascertained, including each property owner whose name appears on the property tax roll, a copy of this resolution, an invoice for the final assessment against the benefited property, and a contract agreement form in which the interested party shall elect their option of payment for such assessment, sign, and return to the Village Treasurer.

Introduced by: _____

Seconded by: _____

Vote: _____ ayes _____ nays

Passed and Approved: _____

Michael E. Schwab – Village President

Attest: _____
Jilline S. Dobratz – Village Clerk

Proof of Posting:

I the undersigned, certify that I posted this Resolution on bulletin boards at the Village Hall, Post Office, and one other location in the Village.

Village Official

Date



Taking the lead in Washington County.

Assessment Report for Hunters Road Reconstruction Project 2020

Attached is the following information regarding the Hunters Road Reconstruction Project 2020:

1. Plans and Specifications used to bid the project and construct.
2. The cost of the project was \$468,731.15, the base bid was \$476,158.12 and the amount being special assessed for the project is \$56,916.13. The Engineer's Estimate amount was \$762,000.00 of the project.
3. Schedule of the proposed assessment.

Staff takes the position that the schedule of proposed assessment is a fair and equitable allocation of cost and that each property list in the report is benefiting. All other properties have been reviewed and the allocation has been deemed fair and benefiting. The project consisted of the following items:

- Replacement of existing sanitary sewer and laterals
- Replacement of existing water main and service
- Installation of new storm sewer
- Provide storm sewer laterals for sump pump discharge, per Village Code
- Replacement and installation of new curb and gutter
- Replacement and installation of new sidewalk
- Resurface roadway

The Village Board has approved to special assess properties along Chateau Drive & Hickory Lane, which benefit from the project. The Village along the Jackson Sewer and Water Utilities will be paying for the majority of the project, although, the Village has determined the following parts of the project will be assessed to the benefiting properties: **Sidewalk, and Storm Laterals.**

This report was compiled by Brian W. Kober, P.E., Village Engineer.

Date: April 22, 2021

WI94N16660
Eagle Drive
Jackson, WI 53037
Phone: 262-677-0707
Fax: 262-677-8770

Mailing Address:
P.O. Box 637

www.villageofjackson.com

Village of Jackson
Hunters Road Reconstruction Project 2020
Reconstruction of Hunters Road from Jackson Drive to Chateau Drive
Reconstruction of Chateau Drive from Hunters Road to Willow Ridge Drive

Preliminary Property Assessment
June 19, 2020

Title	First Name	Last Name	City	State	ZIP Code	Physical Address	Mailing Address	Tax Key No	Phone Number	Email Address	Onsite Inspection Completed	Linear Frontage	Estimated Sidewalk Installed (S.F.)	Sidewalk Installation Unit Price (\$/S.F.)	Estimated Sidewalk Cost (S.F.)	Storm Sewer Lateral Cost	Total Assessment Amount	
Mr. & Mrs.	George & Andrea	Baumann	Jackson	WI	53037	N170 W20374 Hunters Road	N170 W20374 Hunters Road	V3 0467 000	262-923-6009		7/21/2020 '5:30 PM	140.03	140.03	\$5.00	\$700.15		\$700.15	lateral next year
Mr. & Mrs.	Adam & Danielle	Klimas	Jackson	WI	53037	N170 W20310 Hunters Road	N170 W20310 Hunters Road	V3 0467 045	262-844-4355	adam.klimas@prudential.com	7/21/2020 '4:30 PM	90.00	90.00	\$5.00	\$450.00	\$0.00	\$450.00	lateral next year
Mr. & Mrs.	Charles & Marcia	Lange	Jackson	WI	53037	N170 W20294 Hunters Road	N170 W20294 Hunters Road	V3 0467 044	262-707-2438	maricalange@sbcglobal.net	7/21/2020 '3:30:00 PM	75.00	75.00	\$5.00	\$375.00	\$2,261.68	\$2,636.68	
Mr. & Mrs.	Raymond & Denise	Terrell	Jackson	WI	53037	N170 W20278 Hunters Road	N170 W20278 Hunters Road	V3 0467 043	262-357-1661	dolphinterrell@gmail.com	8/18/2020 '3:00:00 PM	75.00	75.00	\$5.00	\$375.00	\$2,261.68	\$2,636.68	
Ms.	Tina	Erlicher	Jackson	WI	53037	N170 W20252 Hunters Road	N170 W20252 Hunters Road	V3 0467 042				80.00	80.00	\$5.00	\$400.00	\$2,261.68	\$2,661.68	
Mr. & Mrs.	Maxwell & Heather	Oster	Jackson	WI	53037	N170 W20224 Hunters Road	N170 W20224 Hunters Road	V3 0467 041				82.00	82.00	\$5.00	\$410.00	\$2,261.68	\$2,671.68	
Mr. & Mrs.	Randy & Deborah	Gromowski	Jackson	WI	53037	N170 W20206 Hunters Road	N170 W20206 Hunters Road	V3 0467 040	262-707-0386	dlgromowski@hotmail.com	8/18/2020 '2:00 PM	80.00	80.00	\$5.00	\$400.00	\$2,261.68	\$2,661.68	
Ms.	Susan	Beekman	Jackson	WI	53037	N170 W20182 Hunters Road	N170 W20182 Hunters Road	V3 0467 039		8/18/2020 10:00	2/27/20 69 ft Good	80.00	80.00	\$5.00	\$400.00	\$2,261.68	\$2,661.68	
Mr. & Mrs.	Mark & Tammy	Martell	Jackson	WI	53037	N170 W20158 Hunters Road	N170 W20158 Hunters Road	V3 0467 038			3/3/20 69 ft Good	76.11	76.11	\$5.00	\$380.55	\$2,261.68	\$2,642.23	
Mr. & Mrs.	Joshua & Jennifer	Brockman	Jackson	WI	53037	N170 W20128 Hunters Road	N170 W20128 Hunters Road	V3 0467 037				75.00	75.00	\$5.00	\$375.00	\$2,261.68	\$2,636.68	
	Zimmermann	Trust	Jackson	WI	53037	N170 W20010 Hunters Road	N170 W20010 Hunters Road	V3 0467 036				42.75	42.75	\$5.00	\$213.75	\$2,261.68	\$2,475.43	50% sidewalk
	Zimmermann	Trust	Jackson	WI	53037	N170 W20010 Hunters Road	N170 W20010 Hunters Road	V3 0467 036				134.40	134.40	\$5.00	\$672.00	\$0.00	\$672.00	
Mr. & Mrs.	William & Suzanne	Lee	Jackson	WI	53037	N170 W20109 Willow Ridge Drive	N170 W20109 Willow Ridge Drive	V3 0467 055			Sewer on Willow Ridge DR	134.41	134.41	\$5.00	\$672.05	\$0.00	\$672.05	
Mr. & Mrs.	James & Nancy	Edyvean	Jackson	WI	53037	N170 W20061 Willow Ridge Drive	N170 W20061 Willow Ridge Drive	V3 0467 019			7/21/2020 '5:00 PM	139.49	139.49	\$5.00	\$697.45	\$2,261.68	\$2,959.13	
Mr. & Mrs.	Guy & Trisha	Fox	Jackson	WI	53037	W201 N17040 Chateau Drive	W201 N17040 Chateau Drive	V3 0467 020		7/21/2020 '4:00 PM	2/7/20 54 ft Good	80.23	80.23	\$5.00	\$401.15	\$2,261.68	\$2,662.83	
Mr. & Mrs.	Michael & Roberta	Paquette	Jackson	WI	53037	W200 N17034 Chateau Drive	W200 N17034 Chateau Drive	V3 0467 021			10/22/19 74 ft Good	33.22	33.22	\$5.00	\$166.10	\$0.00	\$166.10	Minus 47 ft
Mr. & Mrs.	Ryan & Connie	Hansen	Jackson	WI	53037	W200 N17020 Chateau Drive	W200 N17020 Chateau Drive	V3 0467 022			10/22/19 77.3 ft Good	80.23			\$0.00	\$0.00	\$0.00	
Mr. & Mrs.	Robin & Dorothy	Kendler	Jackson	WI	53037	W200 N17010 Chateau Drive	W200 N17010 Chateau Drive	V3 0467 023			10/22/19 102.7 ft Good	80.23			\$0.00	\$0.00	\$0.00	
Mr. & Mrs.	Joshua & Marissa	Loomis	Jackson	WI	53037	N170 W20015 Hunters Road	N170 W20015 Hunters Road	V3 0467 024	414-305-6081	Would like to plant their own grass seed	10/22/19 136 ft Good	46.64	46.64	\$5.00	\$233.20	\$0.00	\$233.20	50% sidewalk
Ms.	Lori	Lossie	Jackson	WI	53037	N170 W20137 Hunters Road	N170 W20137 Hunters Road	V3 0467 025				83.00	83.00	\$5.00	\$415.00	\$2,261.68	\$2,676.68	
Mr. & Mrs.	Zachary & Jennifer	Schmidt	Jackson	WI	53037	N170 W20165 Hunters Road	N170 W20165 Hunters Road	V3 0467 026			2/27/20 98 ft Good	80.00	80.00	\$5.00	\$400.00	\$2,261.68	\$2,661.68	
Mr. & Mrs.	Randall & Marjean	Hardy	Jackson	WI	53037	N170 W20189 Hunters Road	N170 W20189 Hunters Road	V3 0467 027			2/21/20 97.5 ft Good	80.00	80.00	\$5.00	\$400.00	\$2,261.68	\$2,661.68	
Mr. & Mrs.	Benjamin & Ashley	Ade	Jackson	WI	53037	N170 W20225 Hunters Road	N170 W20225 Hunters Road	V3 0467 028				83.00	83.00	\$5.00	\$415.00	\$2,261.68	\$2,676.68	
Mr. & Mrs.	Bryon & Gwen	Johnson	Jackson	WI	53037	N170 W20239 Hunters Road	N170 W20239 Hunters Road	V3 0467 029			7/21/2020 '3:00 PM	83.00	83.00	\$5.00	\$415.00	\$2,261.68	\$2,676.68	
Mr. & Mrs.	Mark & Deborah	Vanderkinter	Jackson	WI	53037	N170 W20265 Hunters Road	N170 W20265 Hunters Road	V3 0467 030				83.00	83.00	\$5.00	\$415.00	\$2,261.68	\$2,676.68	
Mr. & Mrs.	Jeffery & Jovan	Serrano	Jackson	WI	53037	N170 W20283 Hunters Road	N170 W20283 Hunters Road	V3 0467 031			7/1/20 55 ft Good	80.00	80.00	\$5.00	\$400.00	\$2,261.68	\$2,661.68	
	James Steinmetz	Kim Kolbow	Jackson	WI	53037	N170 W20309 Hunters Road	N170 W20309 Hunters Road	V3 0467 032	262-408-3971	jlstein38@att.net	7/21/2020 '2:30 PM	83.00	83.00	\$5.00	\$415.00	\$2,261.68	\$2,676.68	
Mr. & Mrs.	Brian & Sara	Galovits	Jackson	WI	53037	N170 W20335 Hunters Road	N170 W20335 Hunters Road	V3 0467 033	262-844-6223	galovits@hotmail.com	8/18/2020 '2:30 PM	80.00	80.00	\$5.00	\$400.00	\$2,261.68	\$2,661.68	
Mr. & Mrs.	Bradford & Jill	Roney	Jackson	WI	53037	N170 W20351 Hunters Road	N170 W20351 Hunters Road	V3 0467 034	262-707-5863		8/11/2020 '1:00 PM	80.00	80.00	\$5.00	\$400.00	\$2,261.68	\$2,661.68	
Mr. & Mrs.	Mark & Susan	Brodesser	Jackson	WI	53037	W204 N17010 Jackson Drive	W204 N17010 Jackson Drive	V3 0467 035			7/21/2020 '5:30 PM	89.88	89.88	\$5.00	\$449.40	\$0.00	\$449.40	
Totals												2389.59			\$11,845.80	\$47,495.25	\$59,341.05	

Storm Sewer Lateral Pipe

Feet
1,515

Unit Price
\$31.35

Total
\$47,495.25

Number of
Laterals
21

Cost per
lateral
\$2,261.68

Village of Jackson
Hunters Road Reconstruction Project 2020
Reconstruction of Hunters Road from Jackson Drive to Chateau Drive
Reconstruction of Chateau Drive from Hunters Road to Willow Ridge Drive

FINAL Property Assessment
April 22, 2021

Title	First Name	Last Name	City	State	ZIP Code	Physical Address	Mailing Address	Tax Key No	Phone Number	Email Address	Onsite Inspection Completed	Linear Frontage	Estimated Sidewalk Installed (S.F.)	Sidewalk Installation Unit Price (\$/S.F.)	Estimated Sidewalk Cost (S.F.)	Storm Sewer Lateral Cost	Total Assessment Amount	
Mr. & Mrs.	George & Andrea	Baumann	Jackson	WI	53037	N170 W20374 Hunters Road	N170 W20374 Hunters Road	V3 0467 000	262-923-6009		7/21/2020 '5:30 PM	140.03	140.03	\$5.00	\$700.15		\$700.15	lateral next year
Mr. & Mrs.	Adam & Danielle	Klimas	Jackson	WI	53037	N170 W20310 Hunters Road	N170 W20310 Hunters Road	V3 0467 045	262-844-4355	adam.klimas@prudential.com	7/21/2020 '4:30 PM	90.00	90.00	\$5.00	\$450.00	\$0.00	\$450.00	lateral next year
Mr. & Mrs.	Charles & Marcia	Lange	Jackson	WI	53037	N170 W20294 Hunters Road	N170 W20294 Hunters Road	V3 0467 044	262-707-2438	maricalange@sbcglobal.net	7/21/2020 '3:30:00 PM	75.00	75.00	\$5.00	\$375.00	\$2,146.21	\$2,521.21	
Mr. & Mrs.	Raymond & Denise	Terrell	Jackson	WI	53037	N170 W20278 Hunters Road	N170 W20278 Hunters Road	V3 0467 043	262-357-1661	dolphinterrell@gmail.com	8/18/2020 '3:00:00 PM	75.00	75.00	\$5.00	\$375.00	\$2,146.21	\$2,521.21	
Ms.	Tina	Erlicher	Jackson	WI	53037	N170 W20252 Hunters Road	N170 W20252 Hunters Road	V3 0467 042				80.00	80.00	\$5.00	\$400.00	\$2,146.21	\$2,546.21	
Mr. & Mrs.	Maxwell & Heather	Oster	Jackson	WI	53037	N170 W20224 Hunters Road	N170 W20224 Hunters Road	V3 0467 041				82.00	82.00	\$5.00	\$410.00	\$2,146.21	\$2,556.21	
Mr. & Mrs.	Randy & Deborah	Gromowski	Jackson	WI	53037	N170 W20206 Hunters Road	N170 W20206 Hunters Road	V3 0467 040	262-707-0386	dlgromowski@hotmail.com	8/18/2020 '2:00 PM	80.00	80.00	\$5.00	\$400.00	\$2,146.21	\$2,546.21	
Ms.	Susan	Beekman	Jackson	WI	53037	N170 W20182 Hunters Road	N170 W20182 Hunters Road	V3 0467 039		8/18/2020 10:00	2/27/20 69 ft Good	80.00	80.00	\$5.00	\$400.00	\$2,146.21	\$2,546.21	
Mr. & Mrs.	Mark & Tammy	Martell	Jackson	WI	53037	N170 W20158 Hunters Road	N170 W20158 Hunters Road	V3 0467 038			3/3/20 69 ft Good	76.11	76.11	\$5.00	\$380.55	\$2,146.21	\$2,526.76	
Mr. & Mrs.	Joshua & Jennifer	Brockman	Jackson	WI	53037	N170 W20128 Hunters Road	N170 W20128 Hunters Road	V3 0467 037				75.00	75.00	\$5.00	\$375.00	\$2,146.21	\$2,521.21	
	Zimmermann	Trust	Jackson	WI	53037	N170 W20010 Hunters Road	N170 W20010 Hunters Road	V3 0467 036				42.75	42.75	\$5.00	\$213.75	\$2,146.21	\$2,359.96	50% sidewalk
	Zimmermann	Trust	Jackson	WI	53037	N170 W20010 Hunters Road	N170 W20010 Hunters Road	V3 0467 036				134.40	134.40	\$5.00	\$672.00	\$0.00	\$672.00	
Mr. & Mrs.	William & Suzanne	Lee	Jackson	WI	53037	N170 W20109 Willow Ridge Drive	N170 W20109 Willow Ridge Drive	V3 0467 055			Sewer on Willow Ridge DR	134.41	134.41	\$5.00	\$672.05	\$0.00	\$672.05	
Mr. & Mrs.	James & Nancy	Edyvean	Jackson	WI	53037	N170 W20061 Willow Ridge Drive	N170 W20061 Willow Ridge Drive	V3 0467 019			7/21/2020 '5:00 PM	139.49	139.49	\$5.00	\$697.45	\$2,146.21	\$2,843.66	
Mr. & Mrs.	Guy & Trisha	Fox	Jackson	WI	53037	W201 N17040 Chateau Drive	W201 N17040 Chateau Drive	V3 0467 020		7/21/2020 '4:00 PM	2/7/20 54 ft Good	80.23	80.23	\$5.00	\$401.15	\$2,146.21	\$2,547.36	
Mr. & Mrs.	Michael & Roberta	Paquette	Jackson	WI	53037	W200 N17034 Chateau Drive	W200 N17034 Chateau Drive	V3 0467 021			10/22/19 74 ft Good	33.22	33.22	\$5.00	\$166.10	\$0.00	\$166.10	Minus 47 ft
Mr. & Mrs.	Ryan & Connie	Hansen	Jackson	WI	53037	W200 N17020 Chateau Drive	W200 N17020 Chateau Drive	V3 0467 022			10/22/19 77.3 ft Good	80.23			\$0.00	\$0.00	\$0.00	
Mr. & Mrs.	Robin & Dorothy	Kendler	Jackson	WI	53037	W200 N17010 Chateau Drive	W200 N17010 Chateau Drive	V3 0467 023			10/22/19 102.7 ft Good	80.23			\$0.00	\$0.00	\$0.00	
Mr. & Mrs.	Joshua & Marissa	Loomis	Jackson	WI	53037	N170 W20015 Hunters Road	N170 W20015 Hunters Road	V3 0467 024	414-305-6081	Would like to plant their own grass seed	10/22/19 136 ft Good	46.64	46.64	\$5.00	\$233.20	\$0.00	\$233.20	50% sidewalk
Ms.	Lori	Lossie	Jackson	WI	53037	N170 W20137 Hunters Road	N170 W20137 Hunters Road	V3 0467 025				83.00	83.00	\$5.00	\$415.00	\$2,146.21	\$2,561.21	
Mr. & Mrs.	Zachary & Jennifer	Schmidt	Jackson	WI	53037	N170 W20165 Hunters Road	N170 W20165 Hunters Road	V3 0467 026			2/27/20 98 ft Good	80.00	80.00	\$5.00	\$400.00	\$2,146.21	\$2,546.21	
Mr. & Mrs.	Randall & Marjean	Hardy	Jackson	WI	53037	N170 W20189 Hunters Road	N170 W20189 Hunters Road	V3 0467 027			2/21/20 97.5 ft Good	80.00	80.00	\$5.00	\$400.00	\$2,146.21	\$2,546.21	
Mr. & Mrs.	Benjamin & Ashley	Ade	Jackson	WI	53037	N170 W20225 Hunters Road	N170 W20225 Hunters Road	V3 0467 028				83.00	83.00	\$5.00	\$415.00	\$2,146.21	\$2,561.21	
Mr. & Mrs.	Bryon & Gwen	Johnson	Jackson	WI	53037	N170 W20239 Hunters Road	N170 W20239 Hunters Road	V3 0467 029			7/21/2020 '3:00 PM	83.00	83.00	\$5.00	\$415.00	\$2,146.21	\$2,561.21	
Mr. & Mrs.	Mark & Deborah	Vanderkinter	Jackson	WI	53037	N170 W20265 Hunters Road	N170 W20265 Hunters Road	V3 0467 030				83.00	83.00	\$5.00	\$415.00	\$2,146.21	\$2,561.21	
Mr. & Mrs.	Jeffery & Jovan	Serrano	Jackson	WI	53037	N170 W20283 Hunters Road	N170 W20283 Hunters Road	V3 0467 031			7/1/20 55 ft Good	80.00	80.00	\$5.00	\$400.00	\$2,146.21	\$2,546.21	
	James Steinmetz	Kim Kolbow	Jackson	WI	53037	N170 W20309 Hunters Road	N170 W20309 Hunters Road	V3 0467 032	262-408-3971	jlstein38@att.net	7/21/2020 '2:30 PM	83.00	83.00	\$5.00	\$415.00	\$2,146.21	\$2,561.21	
Mr. & Mrs.	Brian & Sara	Galovits	Jackson	WI	53037	N170 W20335 Hunters Road	N170 W20335 Hunters Road	V3 0467 033	262-844-6223	galovits@hotmail.com	8/18/2020 '2:30 PM	80.00	80.00	\$5.00	\$400.00	\$2,146.21	\$2,546.21	
Mr. & Mrs.	Bradford & Jill	Roney	Jackson	WI	53037	N170 W20351 Hunters Road	N170 W20351 Hunters Road	V3 0467 034	262-707-5863		8/11/2020 '1:00 PM	80.00	80.00	\$5.00	\$400.00	\$2,146.21	\$2,546.21	
Mr. & Mrs.	Mark & Susan	Brodesser	Jackson	WI	53037	W204 N17010 Jackson Drive	W204 N17010 Jackson Drive	V3 0467 035			7/21/2020 '5:30 PM	89.88	89.88	\$5.00	\$449.40	\$0.00	\$449.40	
Totals												2389.59			\$11,845.80	\$45,070.33	\$56,916.13	

Storm Sewer Lateral Pipe	Feet 1,438	Unit Price \$31.35	Total \$45,070.33	Number of Laterals 21	Cost per lateral \$2,146.21
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RESOLUTION #21-10

PRELIMINARY RESOLUTION DECLARING INTENT TO EXERCISE SPECIAL ASSESSMENT POLICE POWERS, UNDER SECTION 66.0703 OF THE WISCONSIN STATUTES

WHEREAS, the Village Board of the Village of Jackson, Washington County, Wisconsin is pursuing the construction and reconstruction of public improvements consisting of water and sanitary sewer mains; storm sewers; pavement; curb and gutter; and sidewalks and the related improvements and expenses for the benefit of the properties described on Exhibit A hereto.

BE IT RESOLVED, by the Village Board of the Village of Jackson, Washington County, Wisconsin:

1. The Village Board hereby declares its intention to exercise its police power under Section 66.0703 of the Wisconsin Statutes to levy special assessments upon the properties described in Exhibit A hereto, for special benefits conferred upon such property by the construction of public improvements consisting of water and sanitary sewer mains; storm sewers; pavement; curb and gutter; and sidewalks and the related improvements and expenses.
2. The Village Board hereby determines that the construction of such improvements is in the best interest of, and for the health and welfare of the municipality and the property benefited by the improvements, and therefore constitutes an exercise of the police power.
3. The amount of such assessments shall be determined and levied upon completion of the construction of public improvements consisting of water and sanitary sewer mains; storm sewers; pavement; curb and gutter; and sidewalks and the related improvements and expenses.
4. The number of installments, rate of interest, and the terms of payment will be included in the Final Resolution after the Public Hearing; which will be held upon completion of the project, when final costs have been determined.
5. Every Special Assessment levied under this Resolution, shall be a lien against the property assessed, from the date of the Final Resolution of the Village Board determining the levy.
6. The Village Engineer shall prepare a report consisting of the following:
 - a. Preliminary of the final plans and specifications for the Public Works.

- b. An estimate of the entire cost of the proposed improvements.
 - c. A schedule of the proposed properties against which the assessments are to benefit.
 - d. A statement that each property against which the assessments are proposed, has been inspected and is benefited, setting forth the basis of such benefit.
 - e. Upon completion of the report, the Village Engineer shall file a copy with the Village Clerk, and with the Village Treasurer.
7. The Village Clerk shall make a copy of the report available for public inspection.

Introduced by: _____ Seconded by: _____

Vote: ____ ayes ____ nays Passed and Approved: _____

Michael E. Schwab - Village President

Attest: _____
Jilline S. Dobratz - Village Clerk

Proof of Posting:

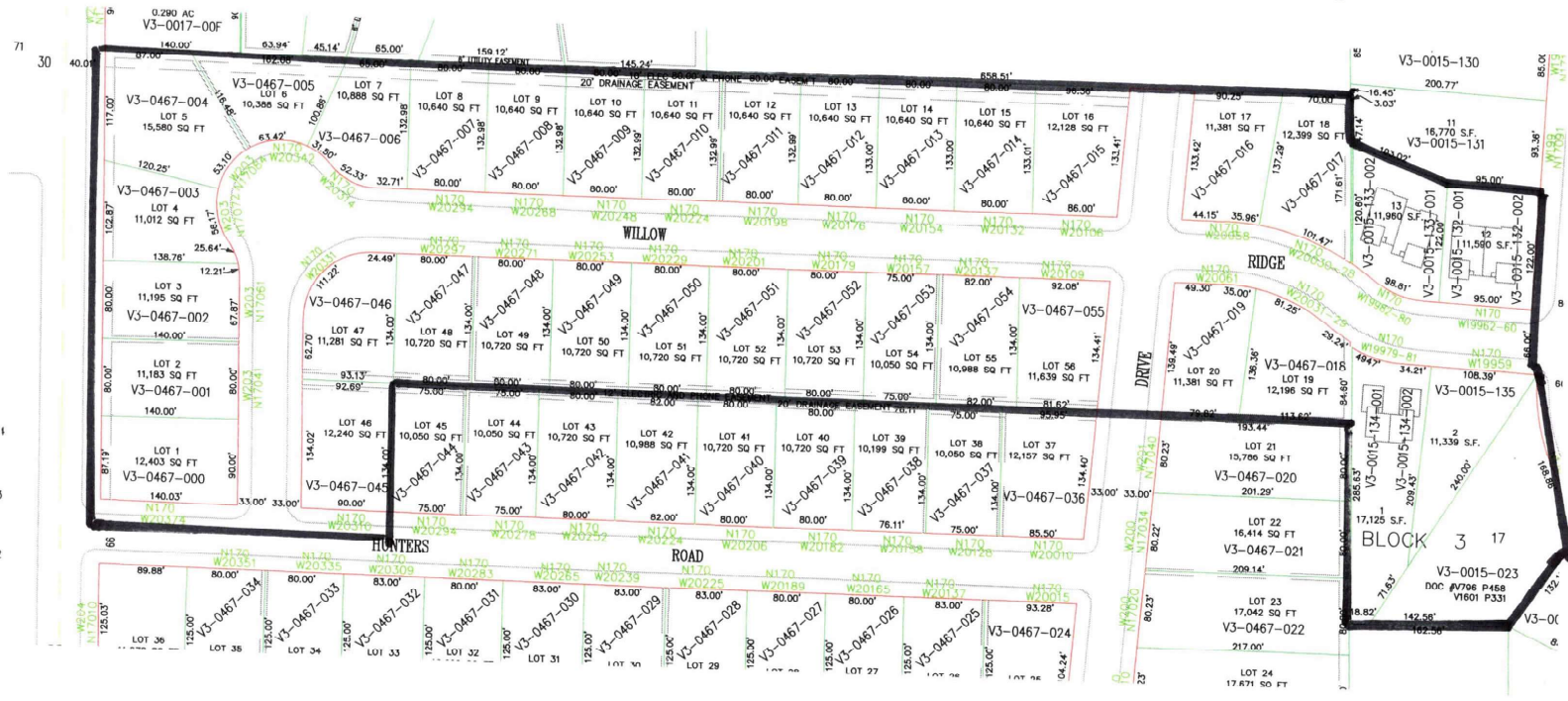
I the undersigned, certify that I posted this Resolution on bulletin boards at the Village Hall, Post Office and one other location in the Village.

Village Official

Date

EXHIBIT A

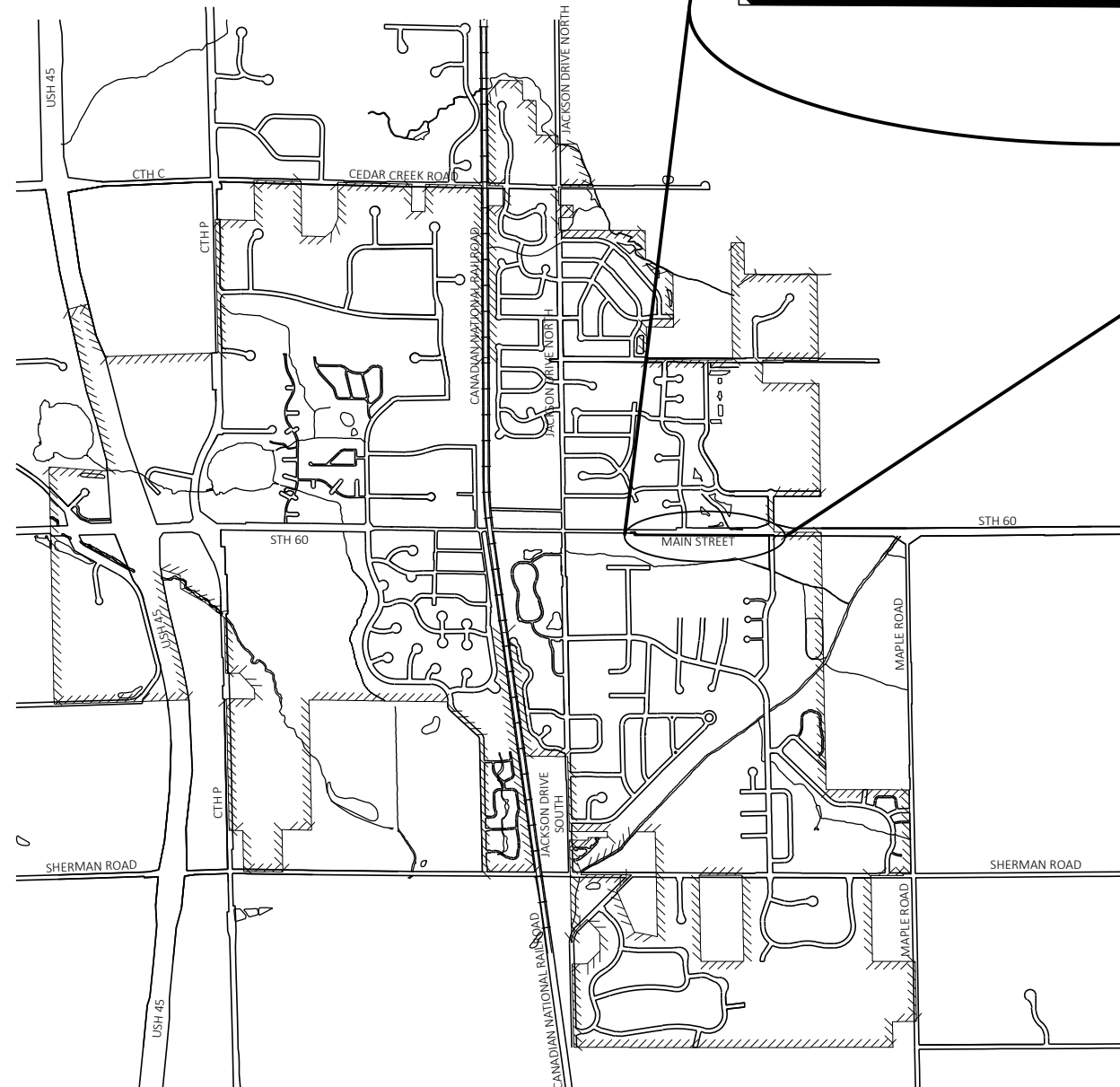
N
A





BEGIN PROJECT
STA 1+33.13
Y=147898.826
X=368859.571

END PROJECT
STA 24+15.12
Y=147806.503
X=371137.018



Village of Jackson, WI
Coffee Connection Trail
Jackson Drive - Eagle Drive
Project: VOJ 21-01

PRELIMINARY
03/25/2021

INDEX OF SHEETS

- 1 TITLE SHEET
- 2 GENERAL NOTES
- 3 PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- INTERSECTION DETAILS
- UTILITY PLANS
- STORM SEWER SCHEDULE
- ALIGNMENT DIAGRAM
- PLAN & PROFILE
- WISDOT STANDARD DETAIL DRAWINGS
- COMPUTER EARTHWORK DATA
- CROSS SECTIONS

ORIGINAL PLANS PREPARED BY

GREMMER
& ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac
93 South Pioneer Road, Suite 300 • Fond du Lac, WI 54805
(920) 924-5720 • fax (920) 924-5725



Village of Jackson
N168 W20733 Main Street
Jackson, WI 53037
(262) 677-9001
e-mail: dirpubwks@villageofjackson.com
Director of Public Works
Brian Kober, P.E.

(Date) JEFFREY A. CHVOSTA, PE

DATE: 03/25/2021

SHEET

1

52

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

A VERTICAL SAW CUT SHALL BE MADE THROUGH EXISTING DRIVEWAYS, SIDEWALKS AND PAVEMENTS AT THE REMOVAL LIMITS.

SAWCUT LOCATIONS SHOWN ON THE PLANS ARE SUBJECT TO ADJUSTMENT BY THE ENGINEER IN THE FIELD.

THE EXACT LOCATION AND LAYOUT OF PRIVATE ENTRANCES IS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

TOPSOIL, FERTILIZER, SEED, AND MULCH OR EROSION MAT AS SHOWN IN PLANS OR AS DIRECTED BY THE ENGINEER SHALL BE PLACED ON ALL DISTURBED AREAS, EXCLUSIVE OF THE AREA OCCUPIED BY THE NEW PAVEMENTS, SIDEWALKS, ENTRANCES, AND RELATED STRUCTURES.

SECTIONS AS SHOWN ON THE CROSS-SECTIONS INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED.

ALL CURB RAMPS SHALL BE 6-INCH THICK AND PAID FOR AS CONCRETE SIDEWALK 6-INCH.

PLACE ___" ASPHALTIC SURFACE IN ___ LAYERS OF THE FOLLOWING THICKNESSES:
LOWER LAYER THICKNESS = ___" NOMINAL GRADATION SIZE = ___ MM
UPPER LAYER THICKNESS = ___" NOMINAL GRADATION SIZE = ___ MM

ABBREVIATIONS

ADJ	ADJUST
CB	CATCH BASIN
CBX	CONTROL BOX
COR	CORNER
D.I.	DUCTILE IRON
F/C	FACE OF CURB
G	GAS
GL	GAS LATERAL
GV	GAS VALVE
GP	GUY POLE
GUY	GUY WIRE ANCHOR
HYD	HYDRANT
MH	MANHOLE
MAX.	MAXIMUM
MIN.	MINIMUM
NOR.	NORMAL
LP	LIGHT POLE
PED	PEDESTAL
PVI	POINT OF VERTICAL INTERSECTION
PP	POWER POLE
PBX	PULL BOX
RCP	REINFORCED CONCRETE PIPE
RWALL	RETAINING WALL
SS OR ST	STORM SEWER
SA	SANITARY SEWER LATERAL
SP	SPECIAL
TEL	TELEPHONE
TOC	TOP OF CURB
TFS	TRAFFIC SIGNAL
WL	WATER LATERAL
W	WATER MAIN
WSO	WATER SHUT OFF
WV	WATER VALVE

ORDER OF NOTES & DETAIL SHEETS

- GENERAL NOTES
- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- PAVING DETAILS
- EROSION CONTROL PLAN
- TRAFFIC CONTROL PLAN

CONVENTIONAL SYMBOLS

PLAN

CORPORATE LIMITS



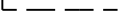
PROPERTY LINE



LOT LINE



LIMITED HIGHWAY EASEMENT



EXISTING RIGHT OF WAY



PROPOSED OR NEW R/W LINE



SLOPE INTERCEPT



REFERENCE LINE



EXISTING CULVERT



PROPOSED CULVERT
(Box or Pipe)



COMBUSTIBLE FLUIDS



WOODED OR SHRUB AREA



PROFILE

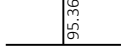
GRADE LINE



ORIGINAL GROUND



GRADE ELEVATION



CULVERT (Profile View)



UTILITIES

ELECTRIC (UNDERGROUND)



FIBER OPTIC (UNDERGROUND)



GAS (UNDERGROUND)



OVERHEAD UTILITY



SANITARY SEWER (UNDERGROUND)



STORM SEWER (UNDERGROUND)



TELEPHONE (UNDERGROUND)



WATER (UNDERGROUND)



UTILITY PEDESTAL



POWER POLE



TELEPHONE POLE



EROSION CONTROL NOTES

EROSION CONTROL MEASURE SHALL BE IN ACCORDANCE WITH LOCAL ORDINANCES AND THE WDNR CONSERVATION PRACTICE TECHNICAL STANDARDS.

EROSION CONTROL ITEMS SHALL BE FIELD LOCATED AS NEEDED.

SILT FENCE SHALL BE INSTALLED IN AREAS WHERE ON-SITE SOILS AND STORMWATER MAY EXIT THE CONSTRUCTION SITE.

ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION WORK OR A STORM EVENT SHALL BE CLEANED UP BY THE END OF EACH DAY. FLUSHING SHALL NOT BE ALLOWED.

FOR ANY DISTURBED AREA THAT REMAINS INACTIVE FOR MORE THAN 7 WORKING DAYS, OR WHERE GRADING EXTENDS BEYOND THE PERMANENT SEEDING DEADLINES, THE SITE MUST BE TREATED WITH TEMPORARY STABILIZATION MEASURES SUCH AS SOIL TREATMENT, TEMPORARY SEEDING, AND/OR MULCHING.

ALL DISTURBED AREAS SHALL BE TREATED WITH STABILIZATION MEASURES AS SPECIFIED WITHIN 3 WORKING DAYS OF FINAL GRADING.

ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR THE APPLICATION OF STABILIZATION MEASURES MUST BE REPAIRED AND THE STABILIZATION WORK REDONE.

ALL EXISTING AND PROPOSED INLETS WITHIN THE PROJECT LIMITS SHALL RECEIVE INLET PROTECTION TYPE C.

THE FIRST SET OF EXISTING INLETS DOWNSTREAM OF THE PROJECT LIMITS SHALL RECEIVE INLET PROTECTION TYPE C,

CONSTRUCTION SEQUENCE

- COMPLETE SLOPE STAKING TO AVOID EXCESSIVE CONSTRUCTION DISTURBANCE
- INSTALL TEMPORARY EROSION CONTROL MEASURES (INLET PROTECTION). ADD TEMPORARY EROSION CONTROL MEASURES AS GRADING WORK PROGRESSES. TOPSOIL STRIPPING SHALL NOT BEGIN UNTIL EROSION CONTROL MEASURES ARE IN PLACE.
- COMPLETE UTILITY TRENCH WORK PRIOR TO STRIPPING TOPSOIL
- STRIP TOPSOIL AND CLEAR & GRUB IN A PROGRESSIVE MANNER THROUGHOUT THE PROJECT, AS NEEDED FOR GRADING WORK. CONSTRUCT PERIMETER CONTROL AROUND ANY STOCKPILES AND PLACE TEMPORARY SEEDING AS REQUIRED. LIMIT THE SIZE OF DISTURBED AREAS TO THAT WHICH CAN BE READILY STABILIZED.
- COMPLETE GRADING WORK, PLACING PERMANENT EROSION CONTROL MEASURES AS PRACTICAL.
- CONSTRUCT ROADWAY AND ADJUST INLET PROTECTION AS NECESSARY.
- COMPLETE REMAINING TOPSOIL, LANDSCAPING, AND PERMANENT EROSION CONTROL MEASURES THROUGHOUT THE PROJECT. REMOVE ACCUMULATED SEDIMENT FROM TEMPORARY EROSION CONTROL MEASURES AND REMOVE AND DISPOSE OF USED EROSION CONTROL DEVICES AFTER 70% VEGETATIVE STABILIZATION HAS OCCURRED.

UTILITIES

SANITARY SEWER & WATER MAIN

VILLAGE OF JACKSON
W194 N16660 EAGLE DRIVE
JACKSON, WI 53037
ATTN: BRIAN KOBER
PHONE: (262) 677-0707
EMAIL: dirpubwks@villageofjackson.com

COMMUNICATIONS

CHARTER COMMUNICATIONS
3315 LINCOLN AVENUE
TWO RIVERS, WI 54241
ATTN: NICK FRASE
PHONE: (920) 793-2216
MOBILE: (920) 304-6797
EMAIL: nick.frase@charter.com

ELECTRIC

WE ENERGIES
500 SOUTH 116TH STREET
WEST ALLIS, WI 53214
ATTN: CODY SCHUSTER
PHONE: (414) 944-5663
MOBILE: (414) 550-7182
EMAIL: cody.schuster@we-energies.com

COMMUNICATIONS

AT&T - WISCONSIN
2005 PEWAUKEE ROAD
WAUKESHA, WI 53188
ATTN: JEFF OLDENBURG
PHONE: (262) 896-7522
MOBILE: (414) 412-7047
EMAIL: j02376@att.com

GAS

WE ENERGIES
500 SOUTH 116TH STREET
WEST ALLIS, WI 53214
ATTN: PATRICK FRITZ
PHONE: (414) 944-5558
MOBILE: (414) 810-9715
EMAIL: patrick.fritz@we-energies.com

DNR AREA LIAISON

WISCONSIN DEPT. OF NATURAL RESOURCES
SOUTHEAST REGION HEADQUARTERS
2300 N. DR. MARTIN LUTHER KING JR. DR.
MILWAUKEE, WI. 53212
ATTN: KRISTINA BETZOLD
PHONE: (414) 263-8517
EMAIL: kristina.betzold@wisconsin.gov

VILLAGE OF JACKSON CONTACT

W194 N16660 EAGLE DRIVE
JACKSON, WI 53037
ATTN: BRIAN KOBER
PHONE: (262) 677-0707
EMAIL: DIRPUBWKS@VILLAGEOFJACKSON.COM

DESIGN CONTACT

GREMMER & ASSOCIATES, INC.
93 SOUTH PIONEER ROAD, SUITE 300
FOND DU LAC, WI 54935
ATTN: JEFFREY A. CHVOSTA, PE
PHONE: (920) 924-5720
EMAIL: j.chvosta@gremmerassociates.com

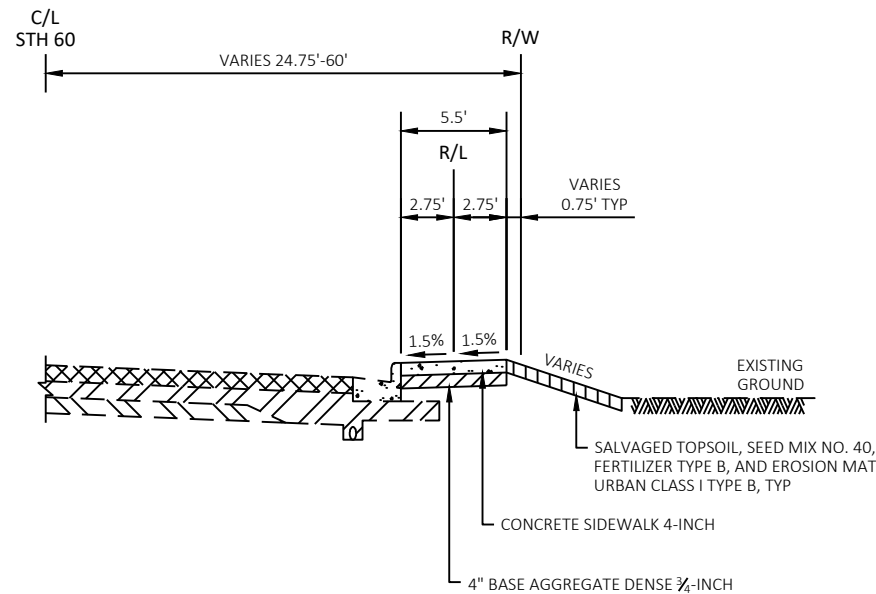


Dial **811** or (800)242-8511
www.DiggersHotline.com

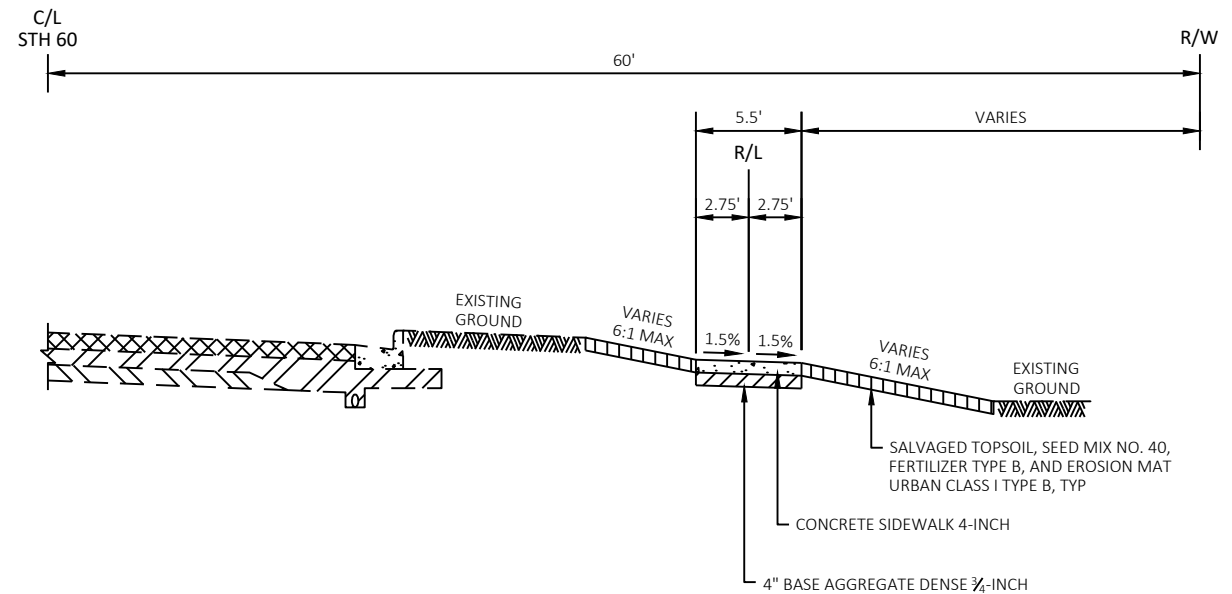
Revisions:	Job No: VOJ 21-01	Designed: JAC		93 South Pioneer Road, Suite 300 Fond du Lac, WI 54935 (920) 924-5720 Fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	GENERAL NOTES	SHEET
	Drawn: AJS	Checked: TLL					2
Date: 03/25/2021							52



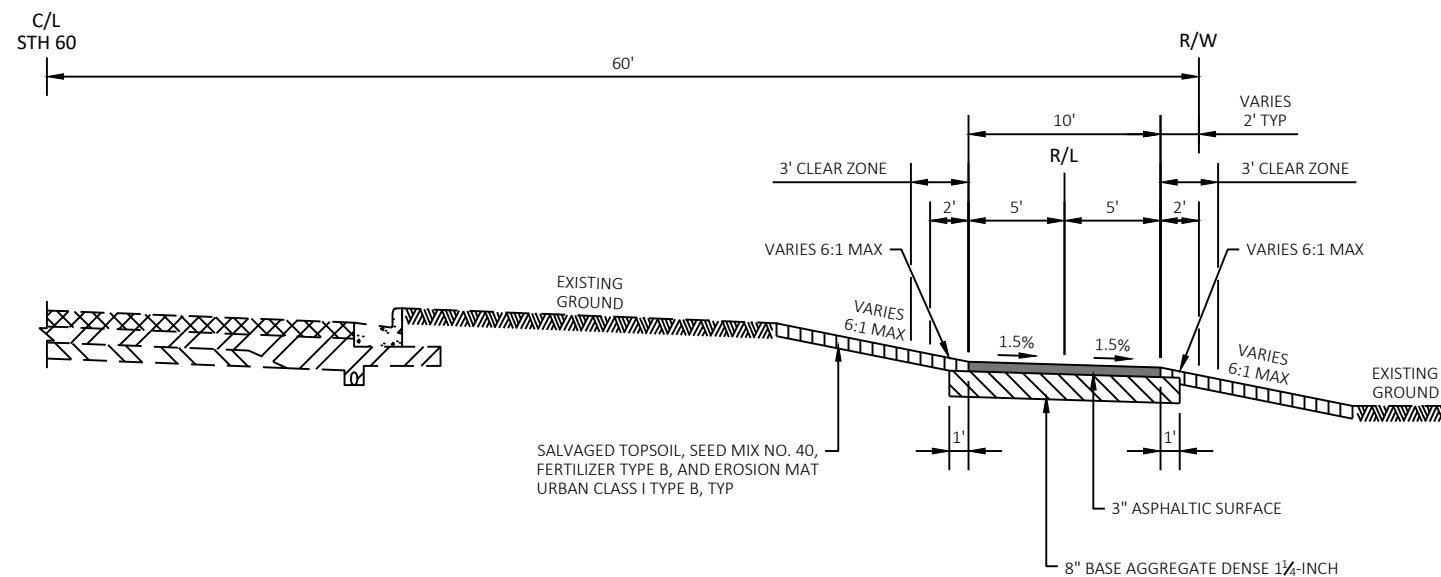
Revisions:	Job No: VOJ 21-01	Designed: JAC	 GREMMER & ASSOCIATES, INC. CONSULTING ENGINEERS Sturgeon Point • Fond du Lac	95 South Pioneer Road, Suite 300 Fond du Lac, WI 54806 (920) 924-5720 fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	PROJECT OVERVIEW	SHEET 3 52
	Drawn: AIS	Checked: TLL					
	Date: 03/25/2021						



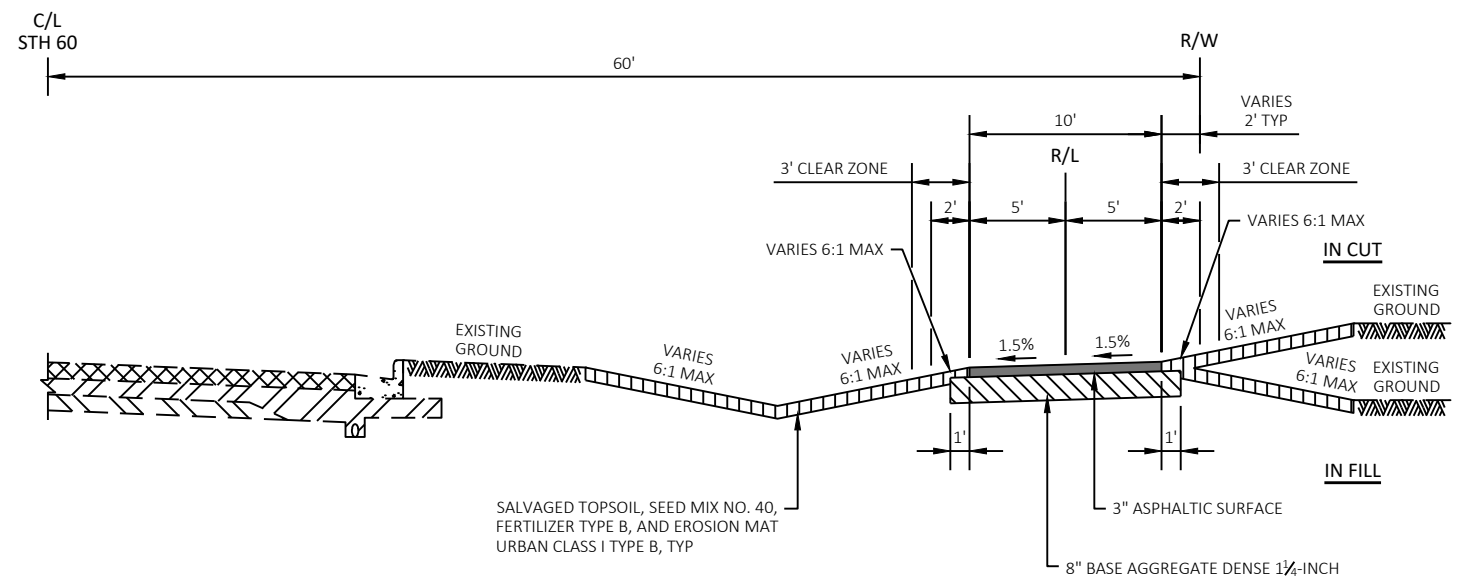
TYPICAL FINISHED SECTION
COFFEE CONNECTION
STA 1+33.13 - STA 2+86.67



TYPICAL FINISHED SECTION
COFFEE CONNECTION
STA 2+86.67 - STA 3+55.16

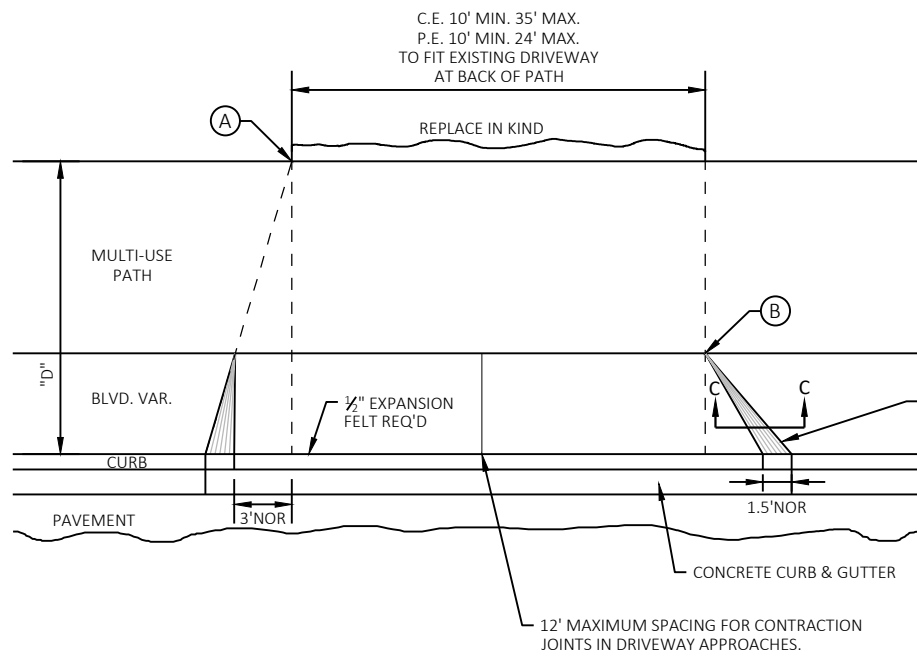


TYPICAL FINISHED SECTION
COFFEE CONNECTION
STA 3+55.16 - STA 10+69.01



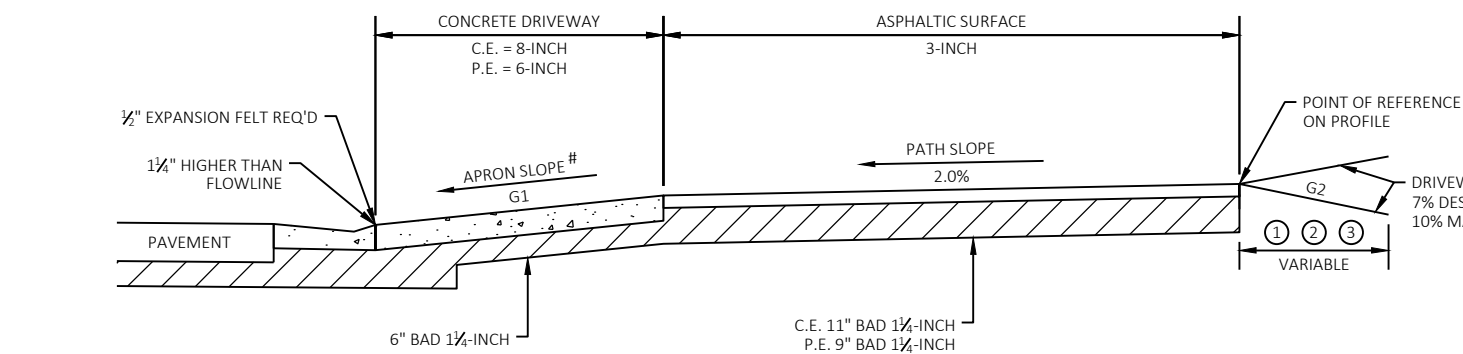
TYPICAL FINISHED SECTION
COFFEE CONNECTION
STA 10+69.01 - STA 23+21.37

Revisions:	Job No: VOJ 21-01	Designed: JAC	 GREMMER & ASSOCIATES, INC. CONSULTING ENGINEERS Sturgeon Point • Fond du Lac	95 South Pioneer Road, Suite 300 Fond du Lac, WI 54805 (920) 924-5720 fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	TYPICAL SECTIONS	SHEET 4 52
	Drawn: AIS	Checked: TLL					
	Date: 03/25/2021						



PLAN VIEW

- (A) WHEN "D" IS 13' OR LESS, ALIGN TAPER WITH BACK OF SIDEWALK
- (B) WHEN "D" IS GREATER THAN 13', ALIGN TAPER WITH FRONT OF SIDEWALK



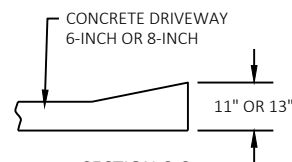
TYPICAL PATH SECTION

- ① - C.E. 8" CONC DWY OVER 6" BAD 1 1/4-INCH
P.E. 6" CONC DWY OVER 6" BAD 1 1/4-INCH
- ② - 6" BASE AGG. DENSE 3/4-INCH
- ③ - C.E. 4" ASPH SURFACE OVER 6" BAD 1 1/4-INCH
P.E. 3" ASPH SURFACE OVER 6" BAD 1 1/4-INCH

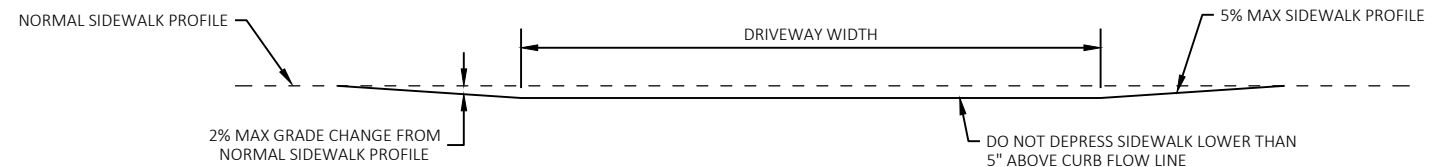
#	TERRACE WIDTH	APRON SLOPE (G1)		
		MIN %	DESIRABLE %	MAX %
	3 FT	7.0	8.5	9.0
	4 FT	5.0	7.0	9.0
	5 FT	4.0	7.0	9.0
	6 FT	4.0	7.0	9.0
	7 FT	3.5	7.0	9.0
	8 FT	3.0	7.0	9.0

NOTE: ALGEBRAIC DIFFERENCE BETWEEN TANGENT GRADES G1 & G2 TO NOT EXCEED 15%

DEPRESS SIDEWALK PROFILE IF DRIVEWAY APRON EXCEEDS MAX SLOPE

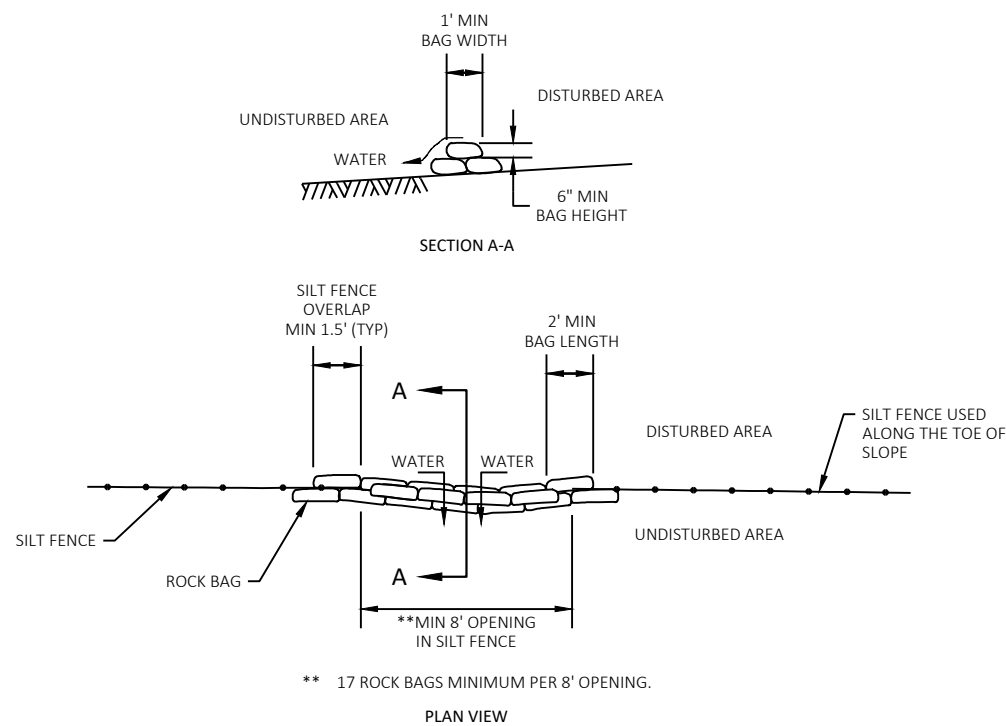


SECTION C-C

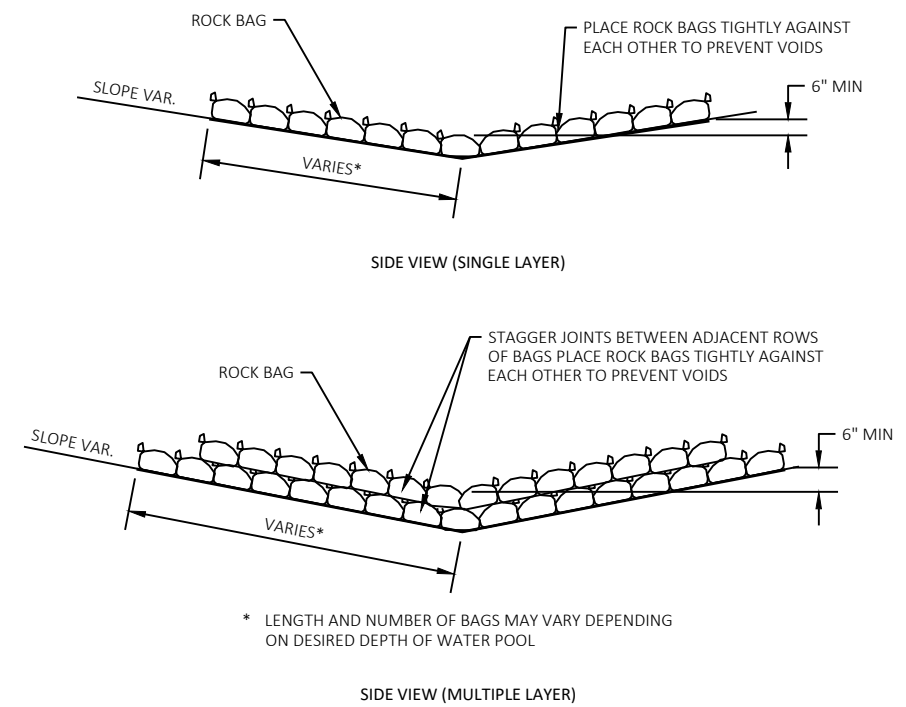


DEPRESSED SIDEWALK PROFILE DETAIL

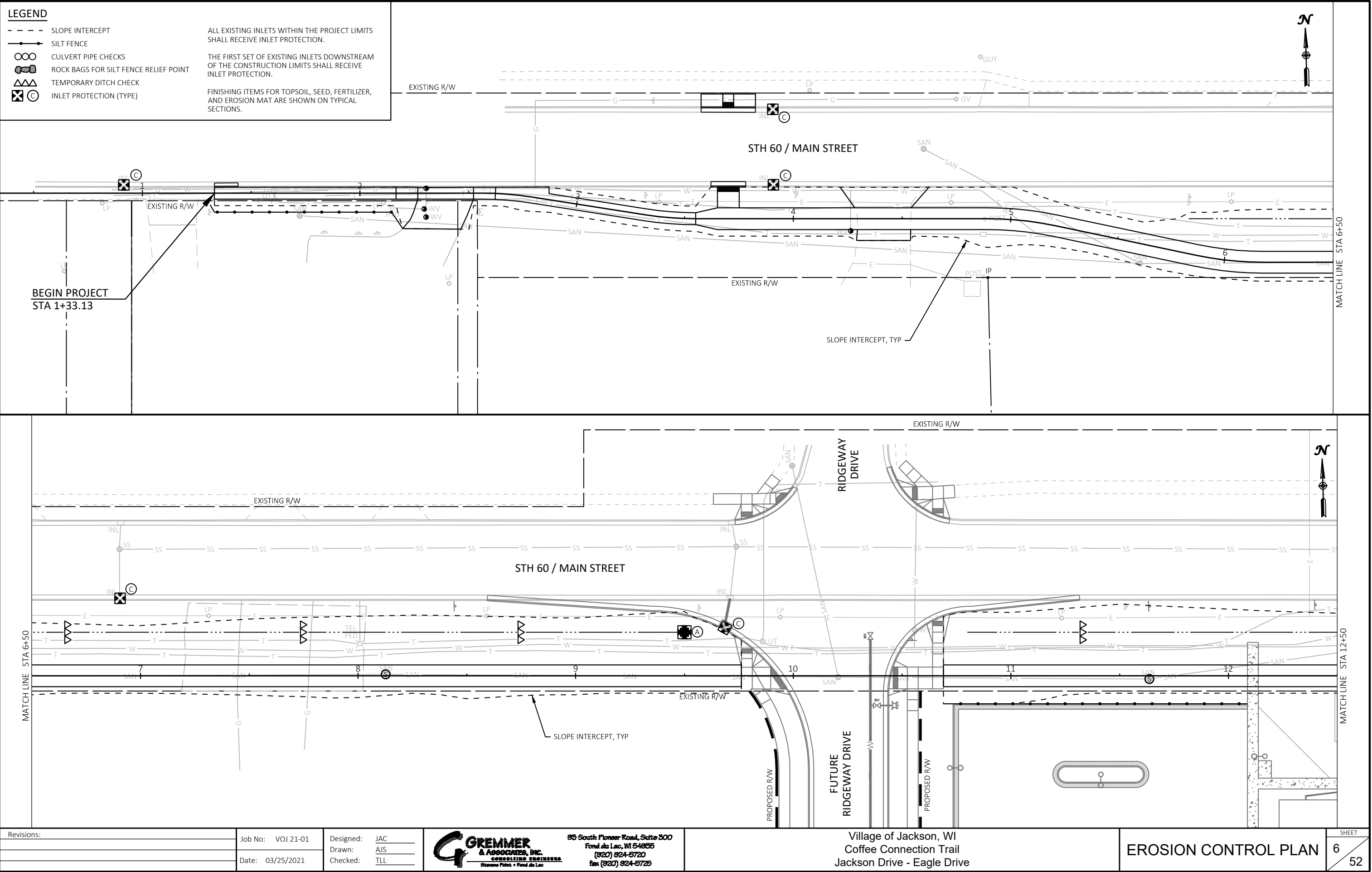
URBAN ENTRANCE DETAIL WITH MULTI-USE PATH AND CURB & GUTTER



ROCK BAGS USED FOR SILT FENCE RELIEF POINT DETAIL



ROCK BAGS USED FOR DITCH CHECKS DETAIL

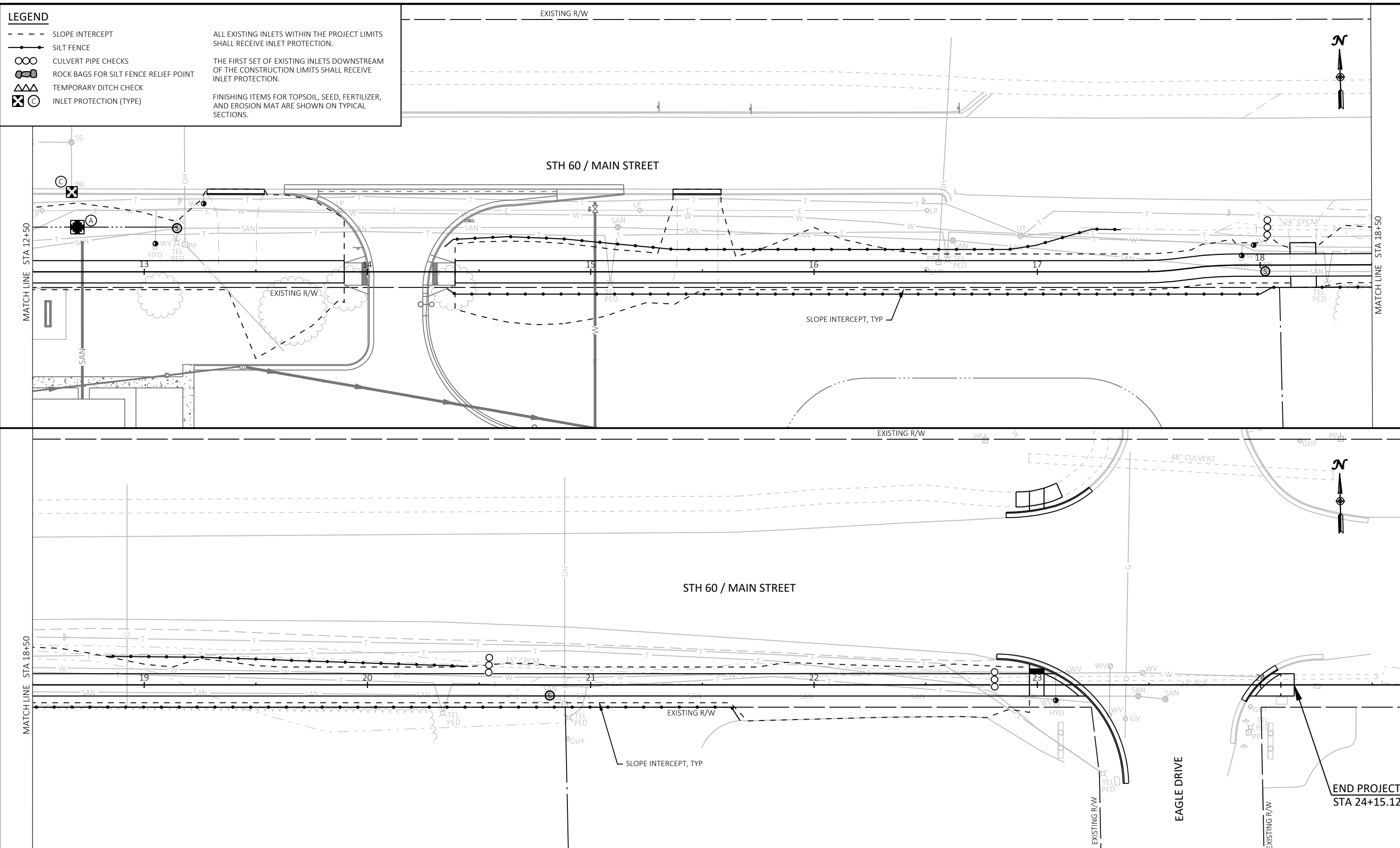


Revisions:	Job No: VOJ 21-01	Designed: JAC	 GREMMER & ASSOCIATES, INC. CONSULTING ENGINEERS Sturgeon Point • Fond du Lac	93 South Pioneer Road, Suite 300 Fond du Lac, WI 54805 (920) 924-5720 fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	EROSION CONTROL PLAN	SHEET 6 52
	Drawn: AIS	Checked: TLL					
	Date: 03/25/2021						

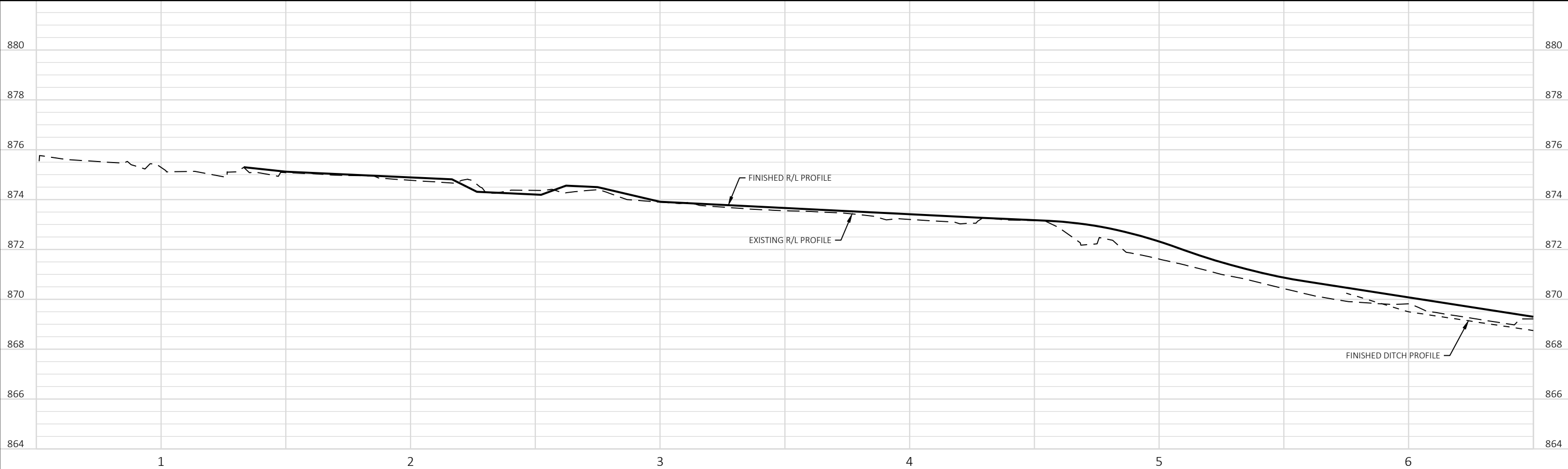
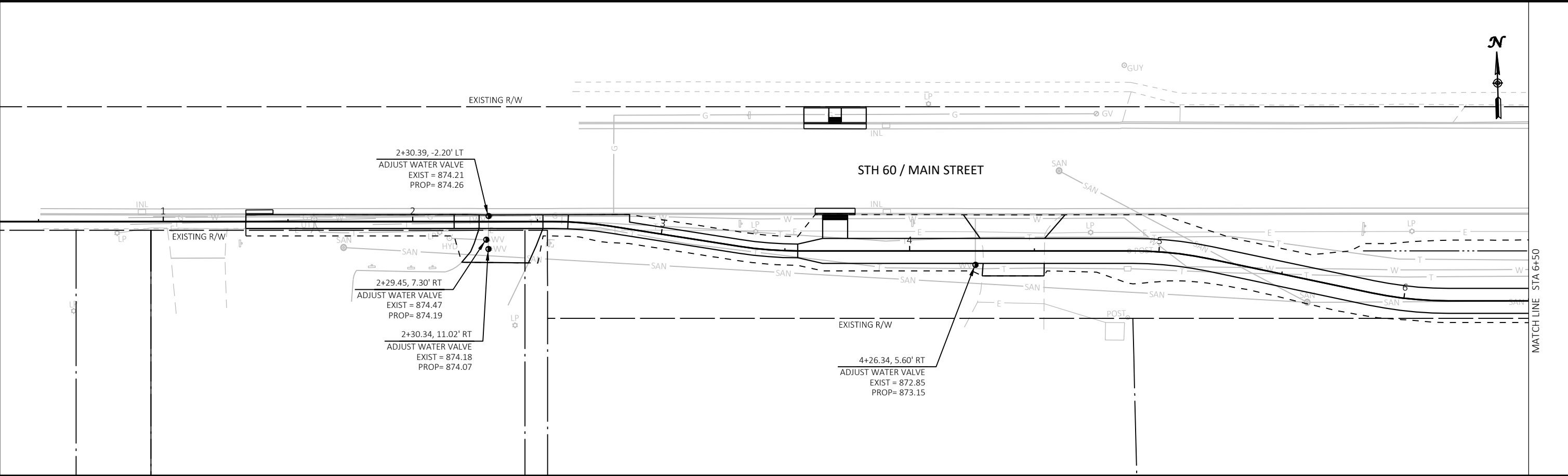
---	SLOPE INTERCEPT
—●—	SILT FENCE
○○○	CULVERT PIPE CHECKS
⊕	ROCK BAGS FOR SILT FENCE RELIEF POINT
△△△	TEMPORARY DITCH CHECK
⊗ ⊙	INLET PROTECTION (TYPE)

THE FIRST SET OF EXISTING INLETS DOWNSTREAM OF THE CONSTRUCTION LIMITS SHALL RECEIVE INLET PROTECTION.

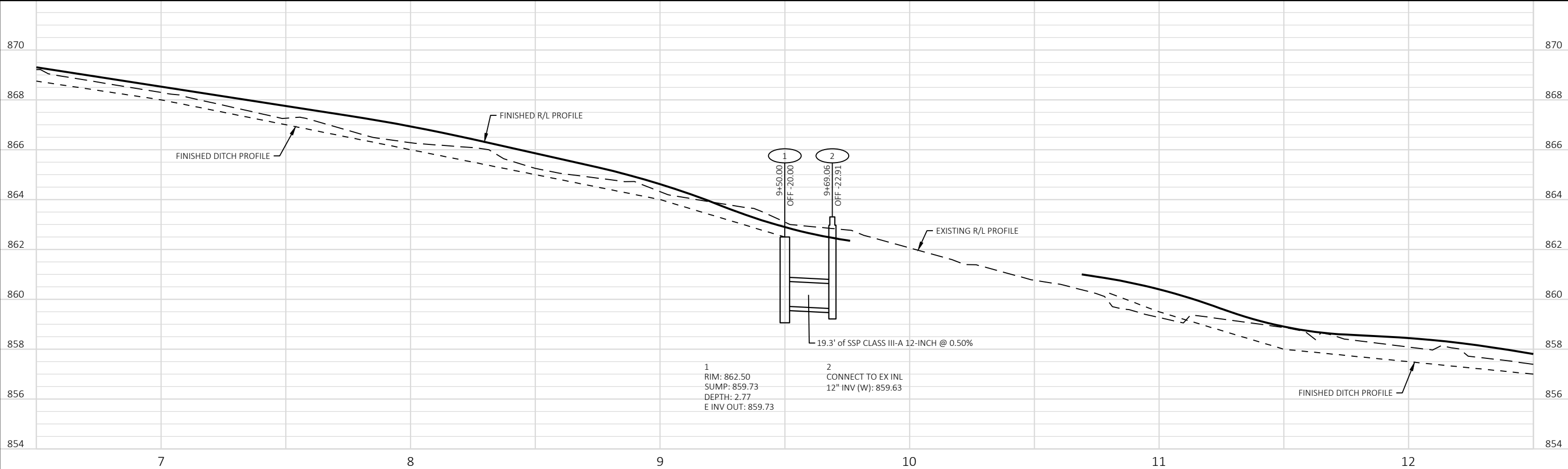
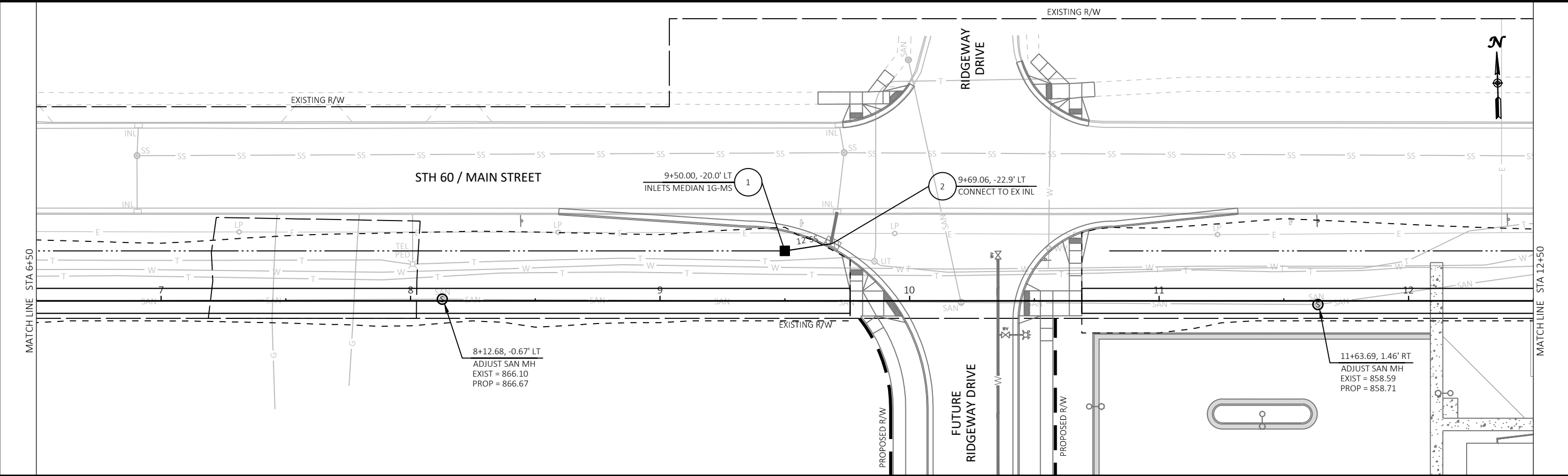
FINISHING ITEMS FOR TOPSOIL, SEED, FERTILIZER,
AND EROSION MAT ARE SHOWN ON TYPICAL
SECTIONS.



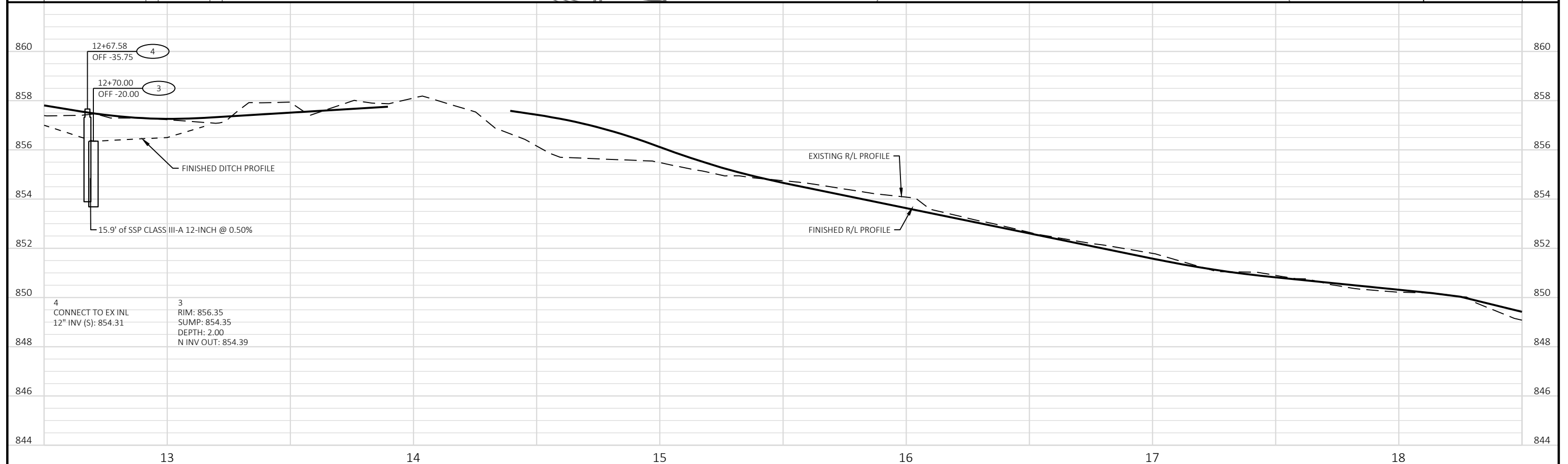
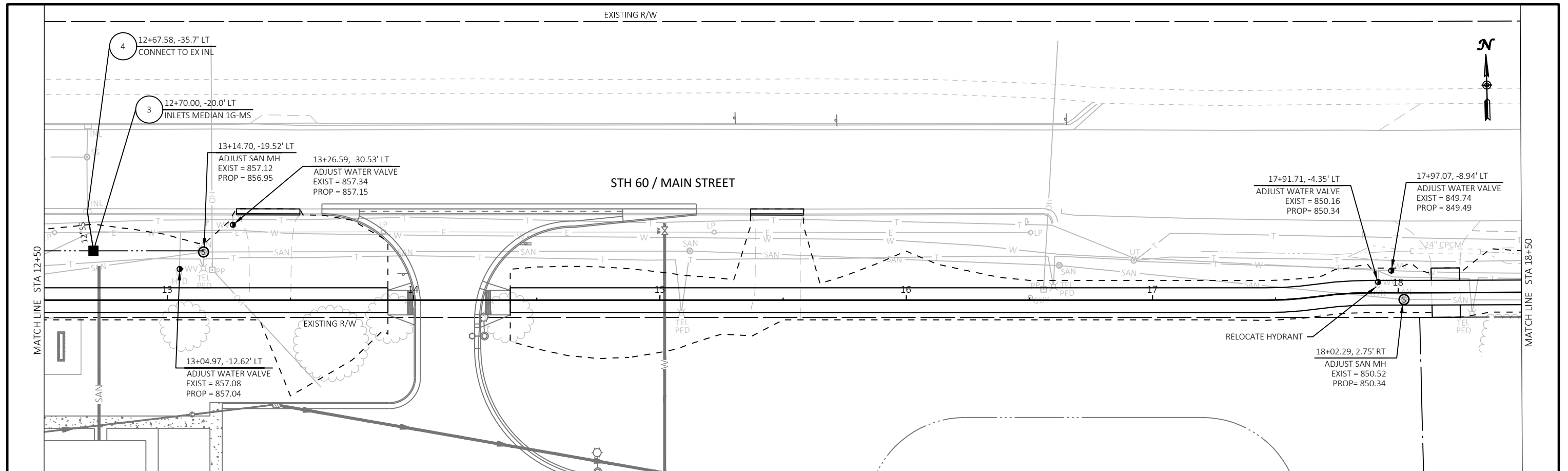
Revisions:	Job No: VOJ 21-01	Designed: JAC	 GREMMER & ASSOCIATES, INC. CONSULTING ENGINEERS Stevens Point • Fond du Lac	95 South Pioneer Road, Suite 300 Fond du Lac, WI 54605 (920) 924-5720 fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	EROSION CONTROL PLAN	SHEET
		Drawn: AJS					7
	Date: 03/25/2021	Checked: TLL					52



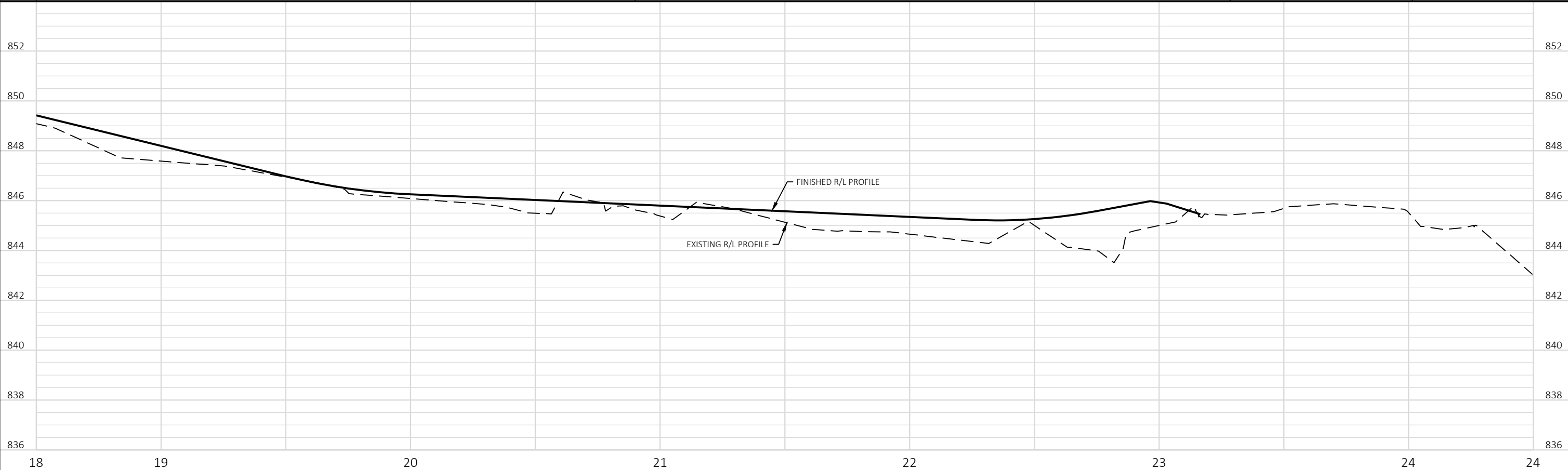
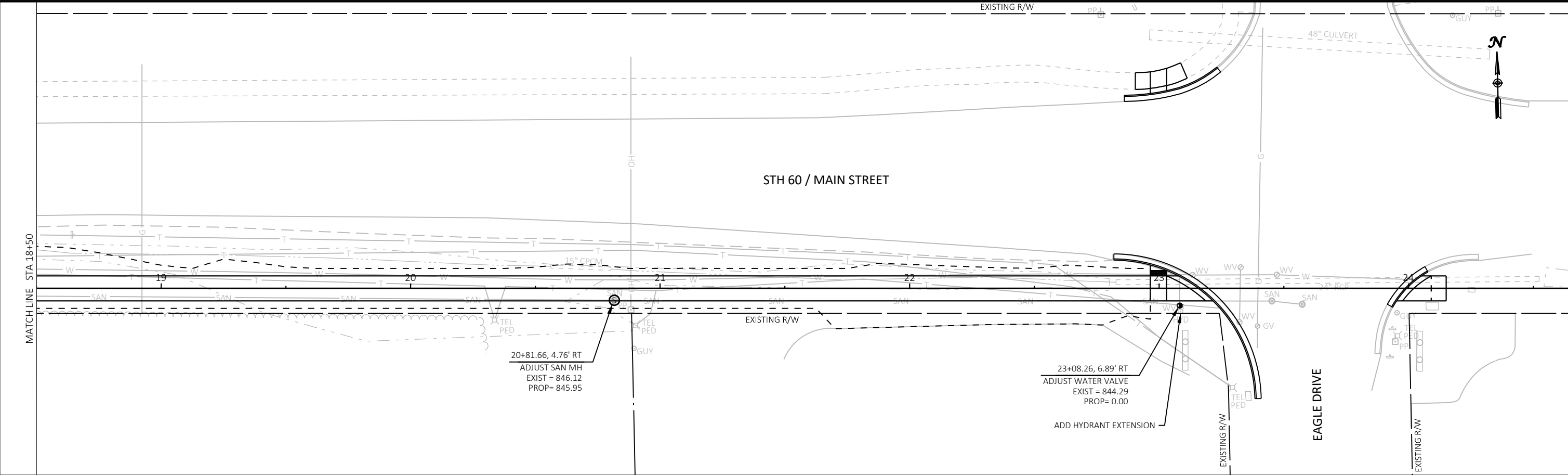
Revisions:	Job No: VOJ 21-01	Designed: JAC	 GREMMER & ASSOCIATES, INC. CONSULTING ENGINEERS Sturgeon Point • Fond du Lac	95 South Pioneer Road, Suite 300 Fond du Lac, WI 54935 (920) 924-5720 fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	UTILITY PLANS COFFEE CONNECTION	SHEET 8 52
	Drawn: AIS	Checked: TLL					
	Date: 03/25/2021						



Revisions:	Job No: VOJ 21-01	Designed: JAC	 GREMMER & ASSOCIATES, INC. CONSULTING ENGINEERS Sturgeon Point • Fond du Lac	95 South Pioneer Road, Suite 300 Fond du Lac, WI 54805 (920) 924-5720 fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	UTILITY PLANS COFFEE CONNECTION	SHEET 9 52
	Drawn: AIS	Checked: TLL					
	Date: 03/25/2021						

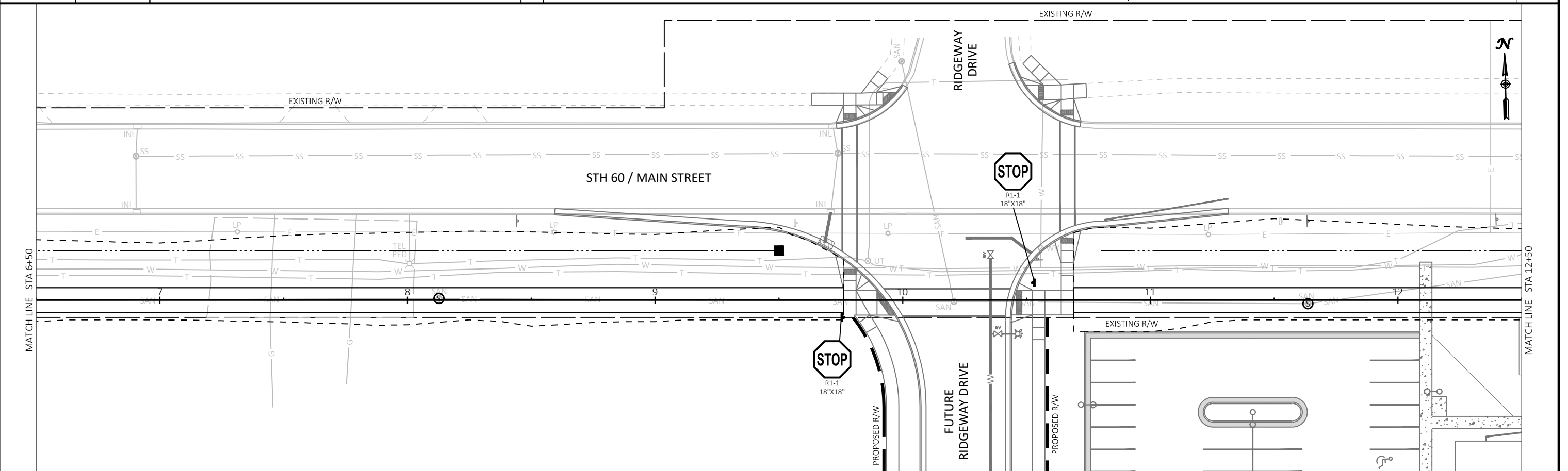
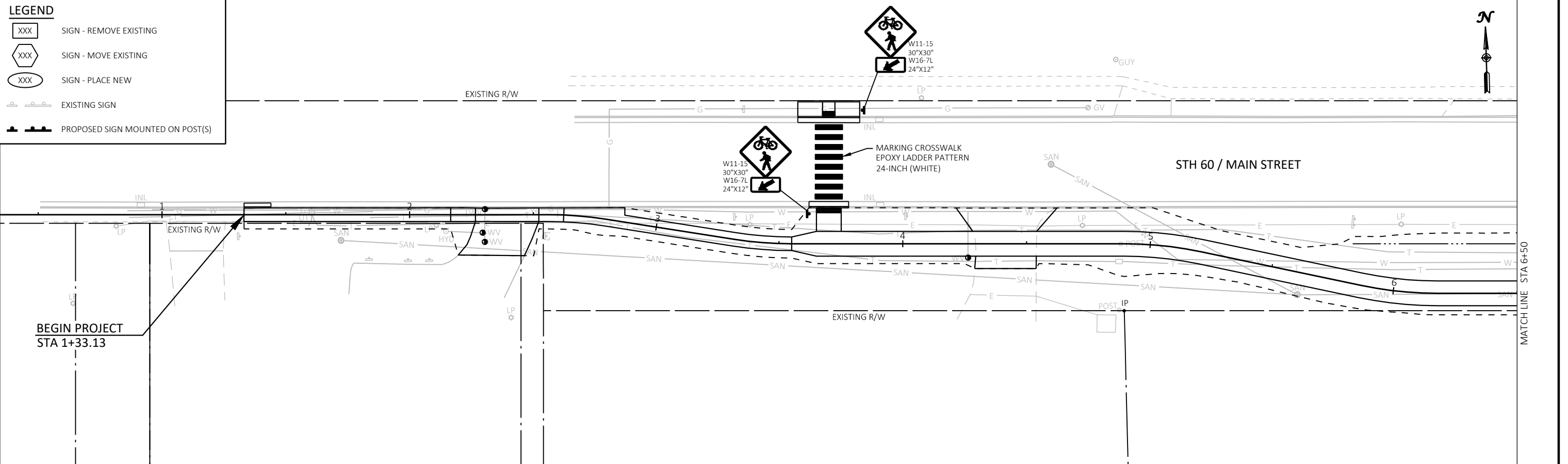


Revisions:	Job No: VOJ 21-01	Designed: JAC	 GREMMER & ASSOCIATES, INC. CONSULTING ENGINEERS Sturgeon Point • Fond du Lac	93 South Pioneer Road, Suite 300 Fond du Lac, WI 54935 (920) 924-5720 Fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	UTILITY PLANS COFFEE CONNECTION	SHEET
	Date: 03/25/2021	Drawn: AIS					10
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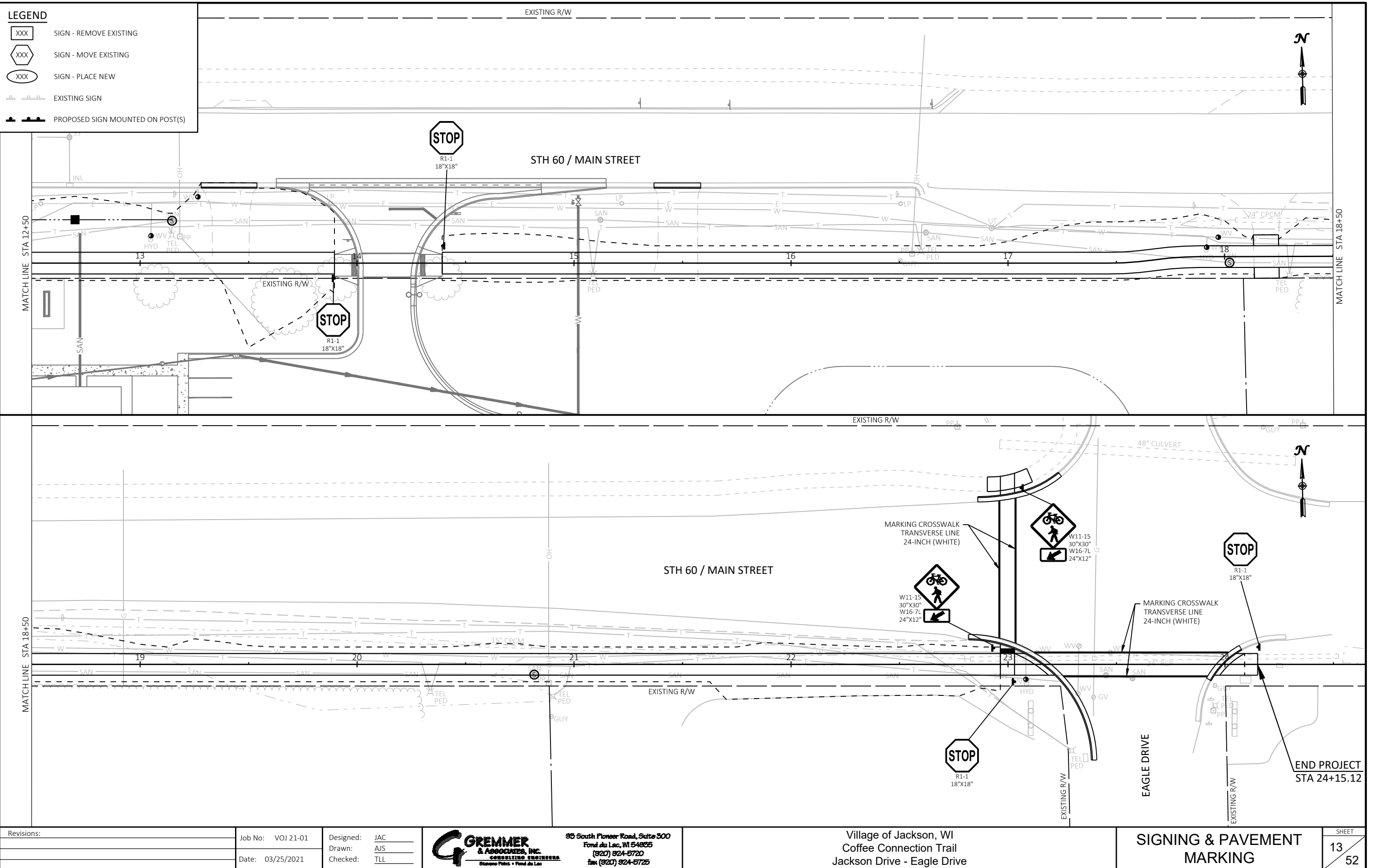
Revisions:	Job No: VOJ 21-01	Designed: JAC	 GREMMER & ASSOCIATES, INC. CONSULTING ENGINEERS Sturgeon Point • Fond du Lac	95 South Pioneer Road, Suite 300 Fond du Lac, WI 54806 (920) 924-5720 fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	UTILITY PLANS COFFEE CONNECTION	SHEET 11 52
	Drawn: AIS	Checked: TLL					
	Date: 03/25/2021						

	SIGN - REMOVE EXISTING
	SIGN - MOVE EXISTING
	SIGN - PLACE NEW
	EXISTING SIGN
	PROPOSED SIGN MOUNTED ON POST(S)



Revisions:	Job No: VOJ 21-01	Designed: JAC	 95 South Pioneer Road, Suite 300 Fond du Lac, WI 54605 (920) 924-5720 Fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	SIGNING & PAVEMENT MARKING	SHEET
	Drawn: AJS	12				
Date: 03/25/2021	Checked: TLL	52				

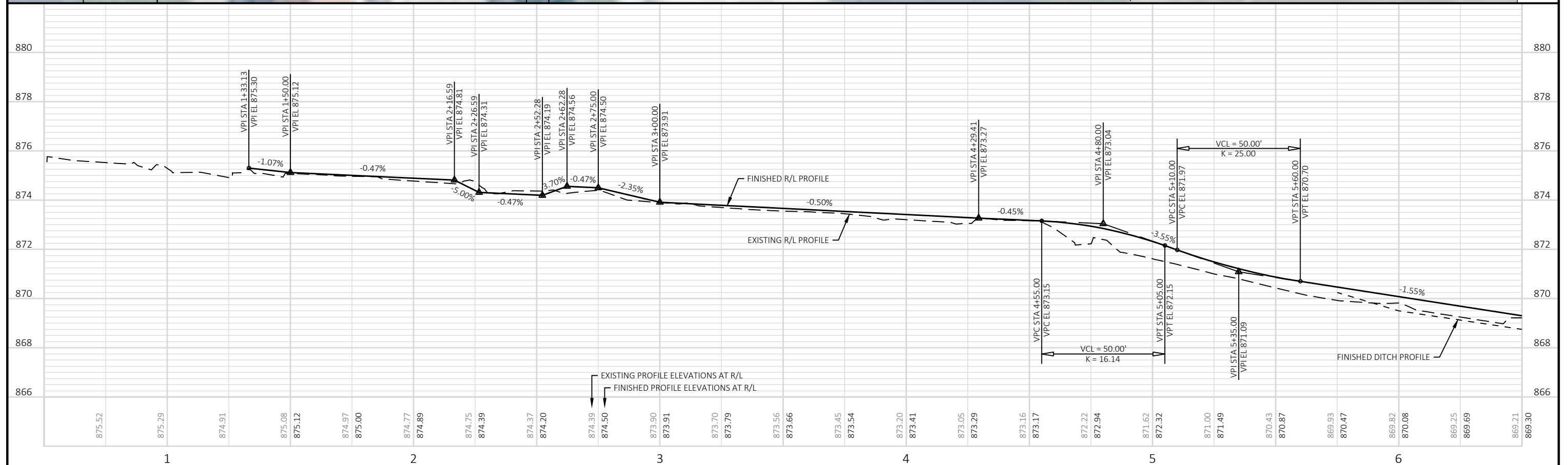
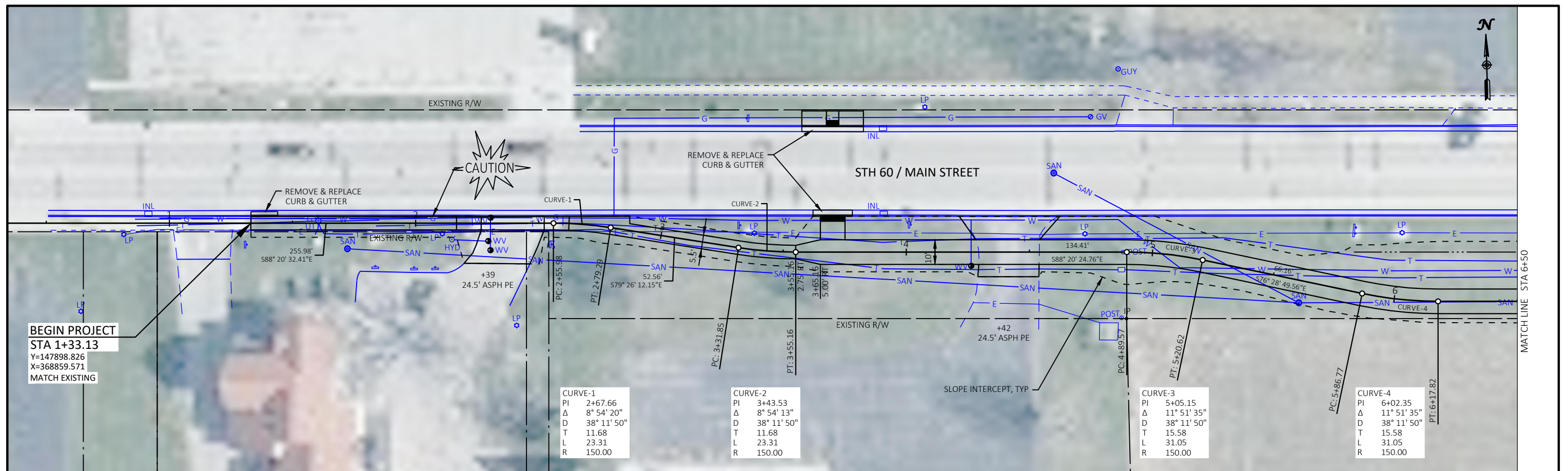
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	PROPOSED SIGN MOUNTED ON POST(S)



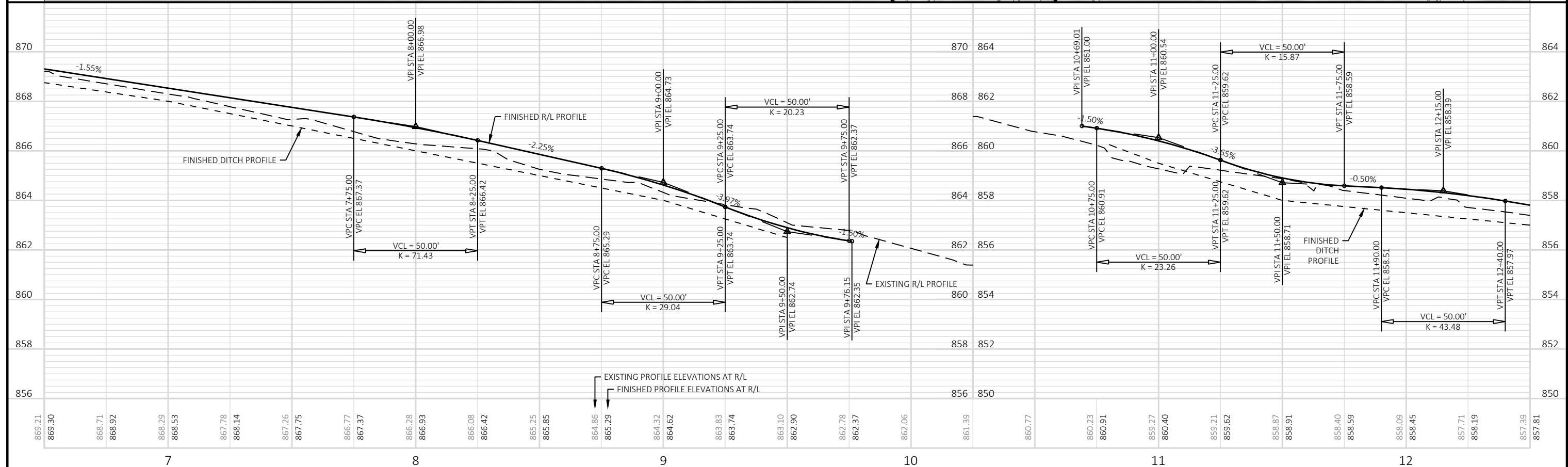
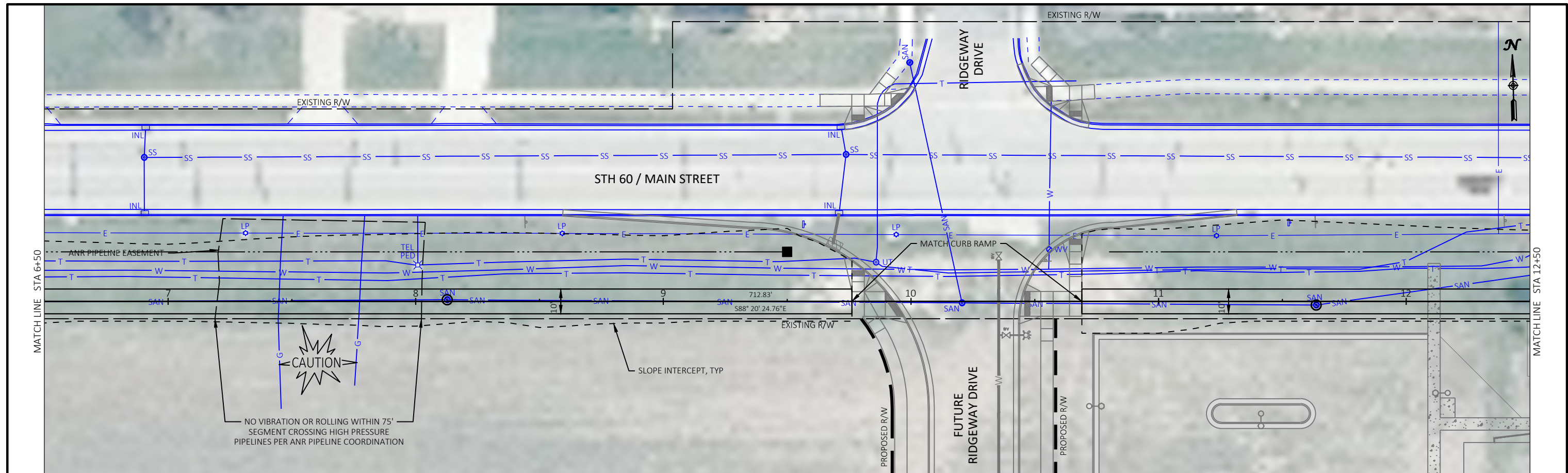


- NOTES
- PROVIDE SHOULDER CLOSURE ADJACENT TO ALL WORK AREAS.
 - TRAFFIC CONTROL SHALL BE INSTALLED PER SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY."

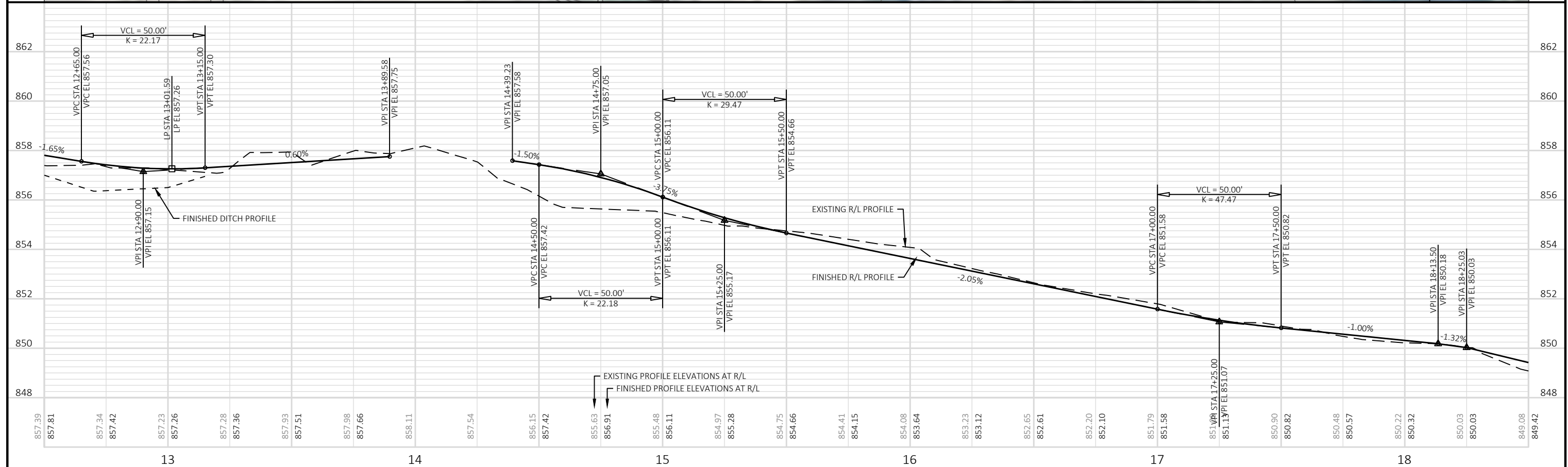
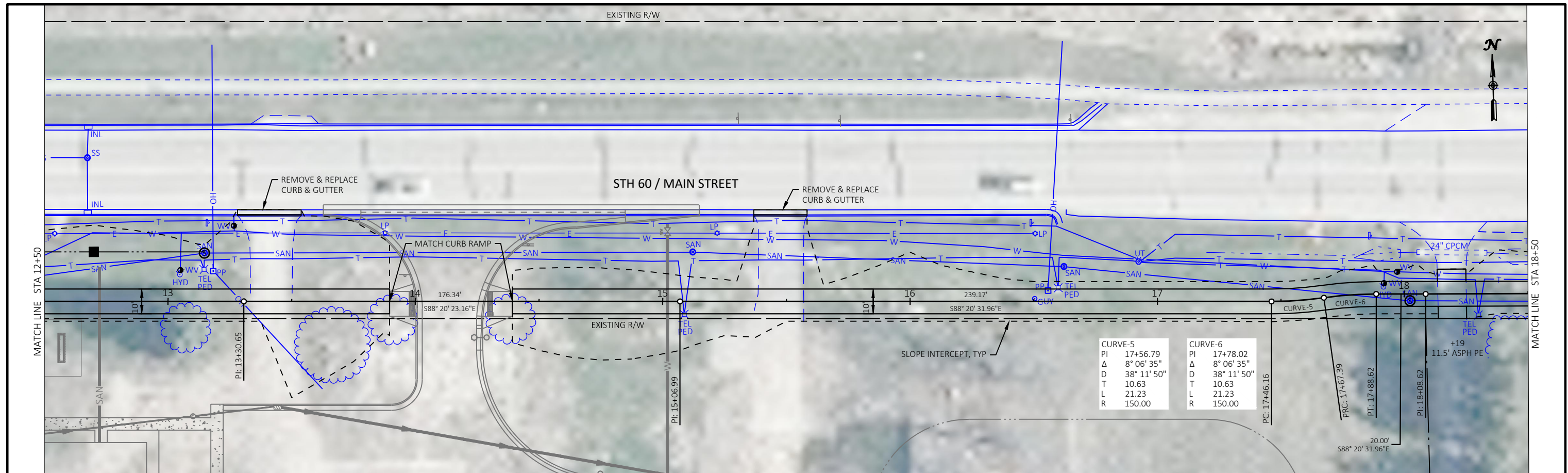
Revisions:	Job No: VOJ 21-01	Designed: JAC	 93 South Pioneer Road, Suite 300 Fond du Lac, WI 54935 (920) 924-5720 fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	TRAFFIC CONTROL	SHEET
	Date: 03/25/2021	Drawn: AIS Checked: TLL				14 / 52



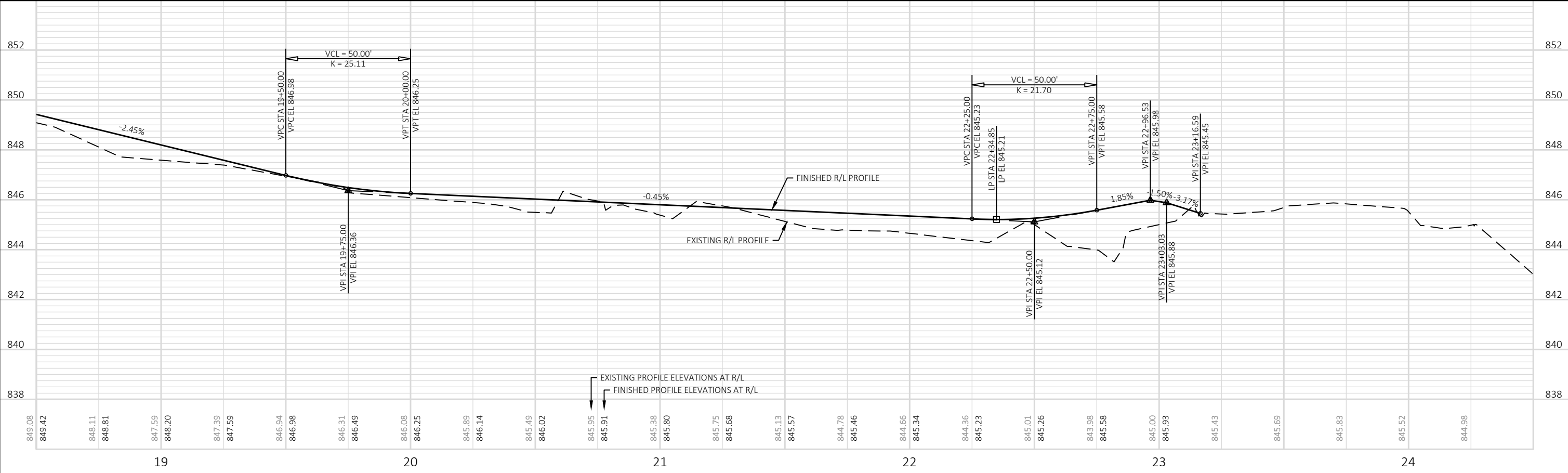
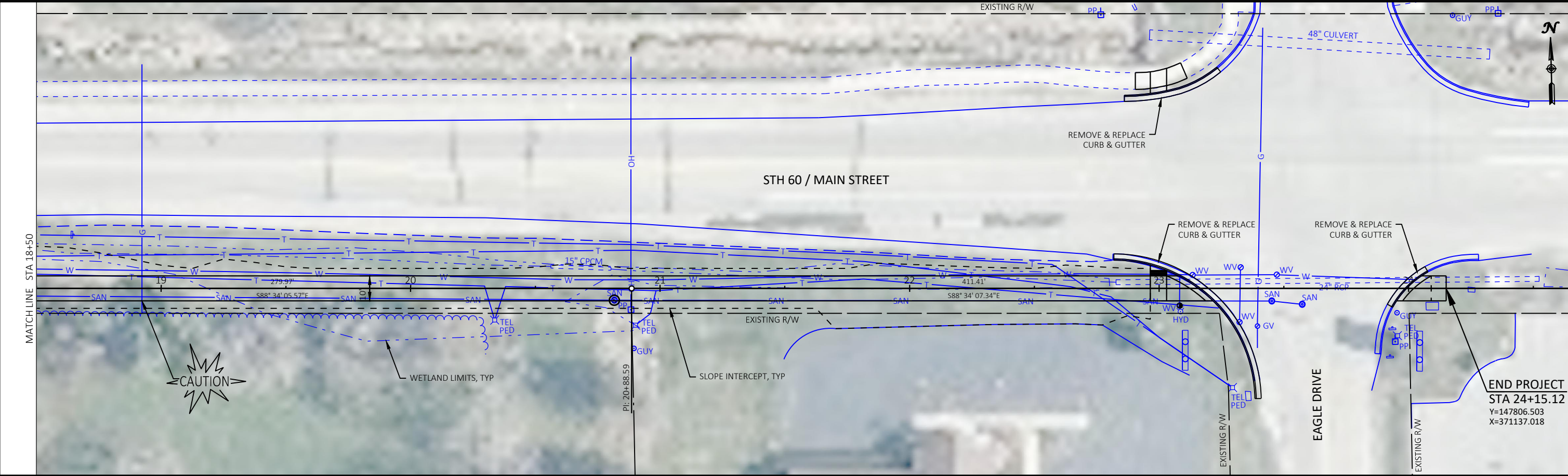
Revisions:	Job No: VOJ 21-01	Designed: JAC	 GREMMER & ASSOCIATES, INC. 95 South Pioneer Road, Suite 300 Fond du Lac, WI 54935 (920) 924-5720 Fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	PLAN & PROFILE COFFEE CONNECTION	SHEET
		Drawn: AJS				15
	Date: 03/25/2021	Checked: TLL				



Revisions:	Job No: VOJ 21-01	Designed: JAC	 GREMMER & ASSOCIATES, INC. CONSULTING ENGINEERS Sturgeon Point • Fond du Lac	93 South Pioneer Road, Suite 300 Fond du Lac, WI 54805 (920) 924-5720 fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	PLAN & PROFILE COFFEE CONNECTION	SHEET
	Date: 03/25/2021	Drawn: AIS					16
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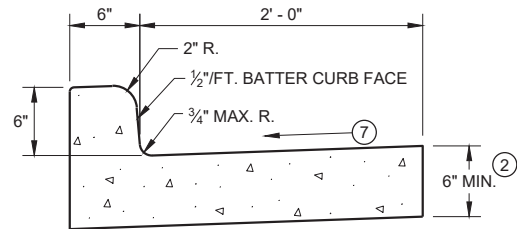
Revisions:	Job No: VOJ 21-01	Designed: JAC		93 South Pioneer Road, Suite 300 Fond du Lac, WI 54806 (920) 924-5720 Fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	PLAN & PROFILE COFFEE CONNECTION	SHEET
	Date: 03/25/2021	Drawn: AIS					17
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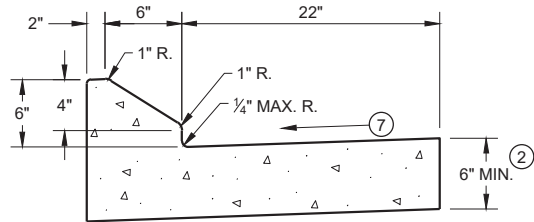
Revisions:	Job No: VOJ 21-01	Designed: JAC	 93 South Pioneer Road, Suite 300 Fond du Lac, WI 54806 (920) 924-5720 Fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	PLAN & PROFILE COFFEE CONNECTION	SHEET
	Date: 03/25/2021	Drawn: AJS				18
		Checked: TLL				52



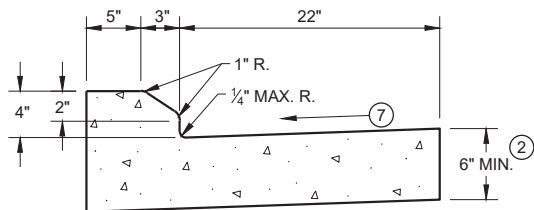
SDD 08D01-a Concrete Curb and Gutter



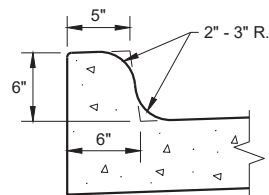
TYPES A^① & D



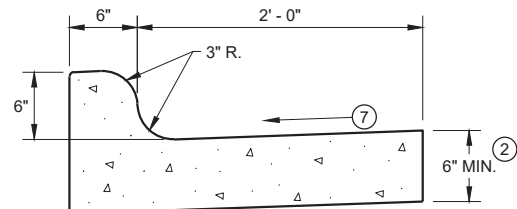
6" SLOPED CURB TYPES G^① & J



4" SLOPED CURB TYPES G^① & J

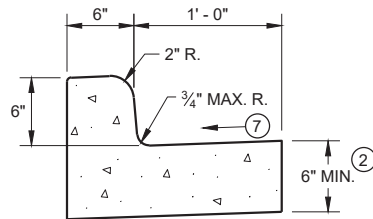


TYPES K^① & L
(OPTIONAL CURB SHAPE)



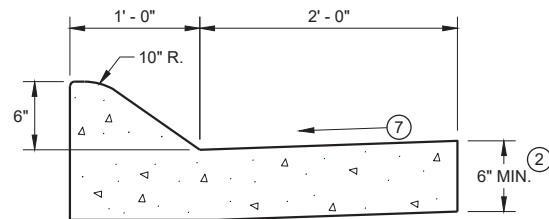
TYPES K^① & L

CONCRETE CURB AND GUTTER 30"

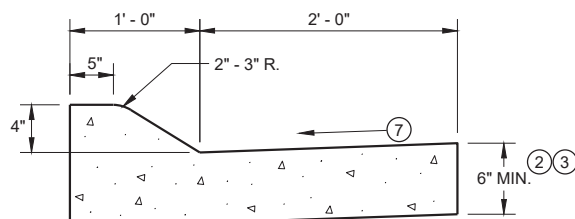


TYPES A^① & D

CONCRETE CURB AND GUTTER 18"

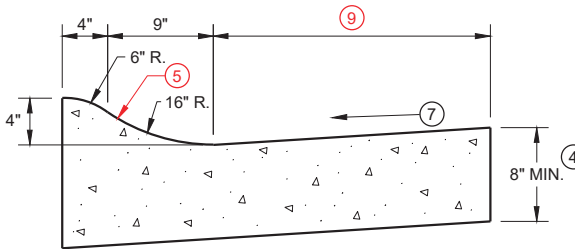


6" SLOPED CURB TYPES A^① & D



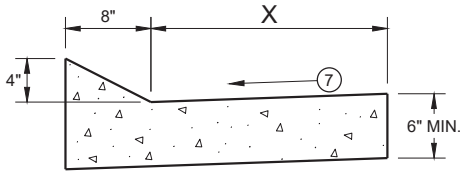
4" SLOPED CURB TYPES A^① & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R^① & T

TBT & TBTT	X
30"	22"
36"	28"

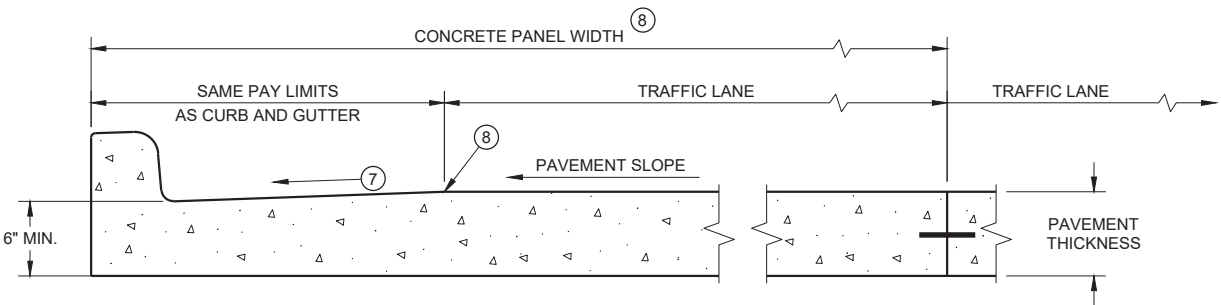


TYPES TBT & TBTT^①

CONCRETE CURB AND GUTTER

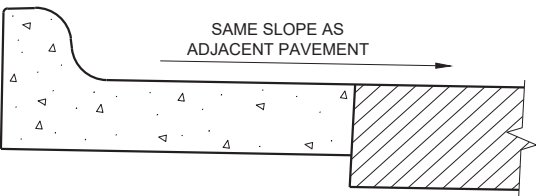
PAVEMENT THICKNESS
AND MAXIMUM CONCRETE
PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT *
WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER^⑥
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

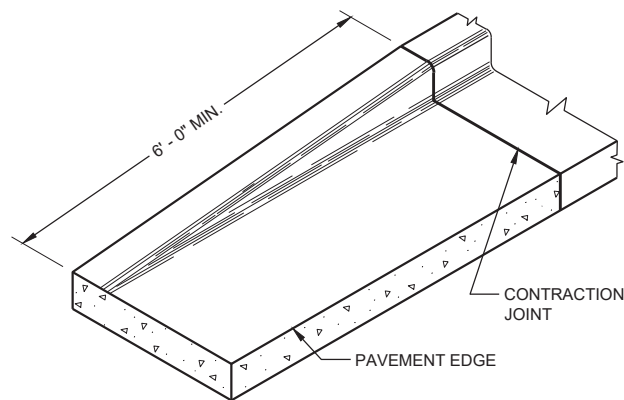
- ① TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.
- ② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- ③ USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.
- ④ THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- ⑤ UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.
- ⑥ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.
- ⑦ USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.
- ⑧ INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.
- ⑨ CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE "R" AND "T" = 17 INCHES
CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE "R" AND "T" = 23 INCHES

CONCRETE CURB AND GUTTER

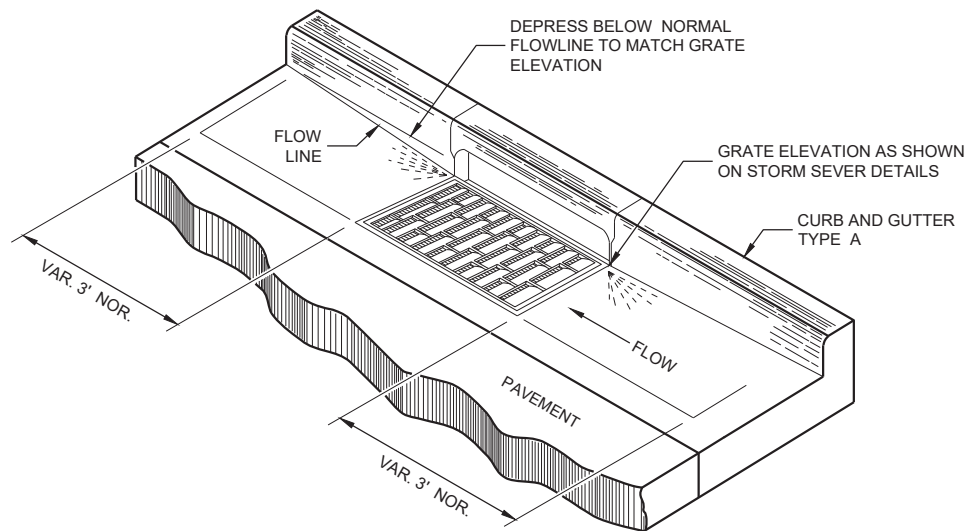
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



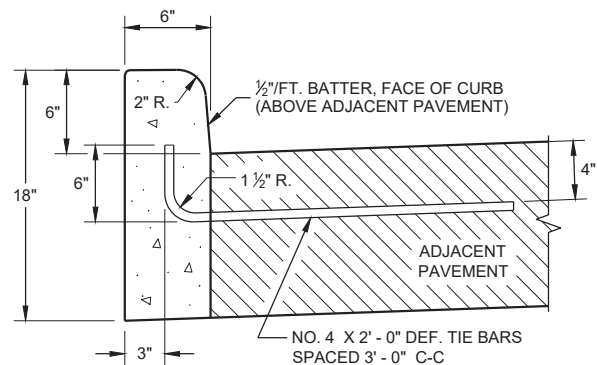
SDD 08D01-b Concrete Gutter, Ties, and Curb and Gutter Applications



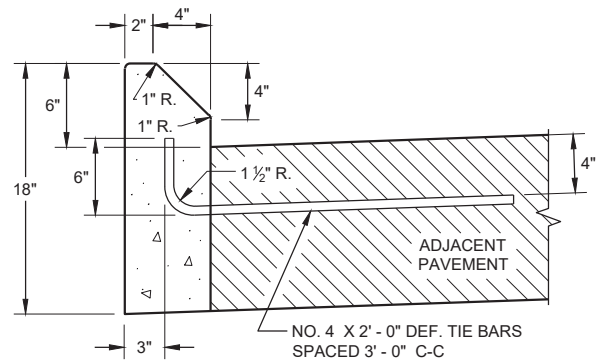
END SECTION CURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS
(TYPICAL H INLET COVER SHOWN)

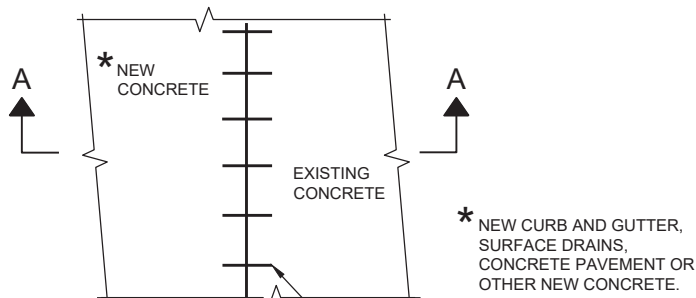


TYPES A^① & D

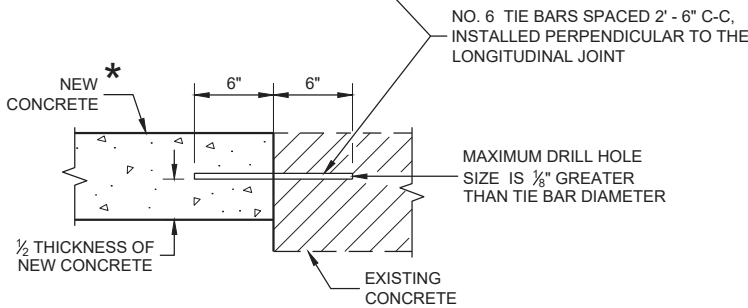


TYPES G^① & J

CONCRETE CURB



PLAN VIEW



SECTION A - A

TIE BARS DRILLED
INTO EXISTING PAVEMENT

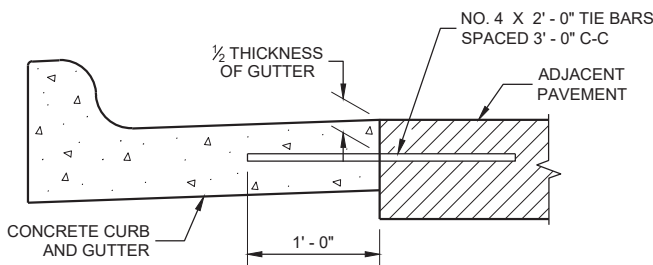
GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

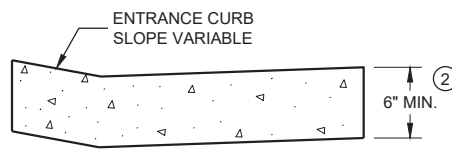
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

- ① TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.
- ② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- ③ REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.



TYPICAL TIE BAR LOCATION^①



DRIVEWAY ENTRANCE CURB^⑨
(WHEN DIRECTED BY THE ENGINEER)

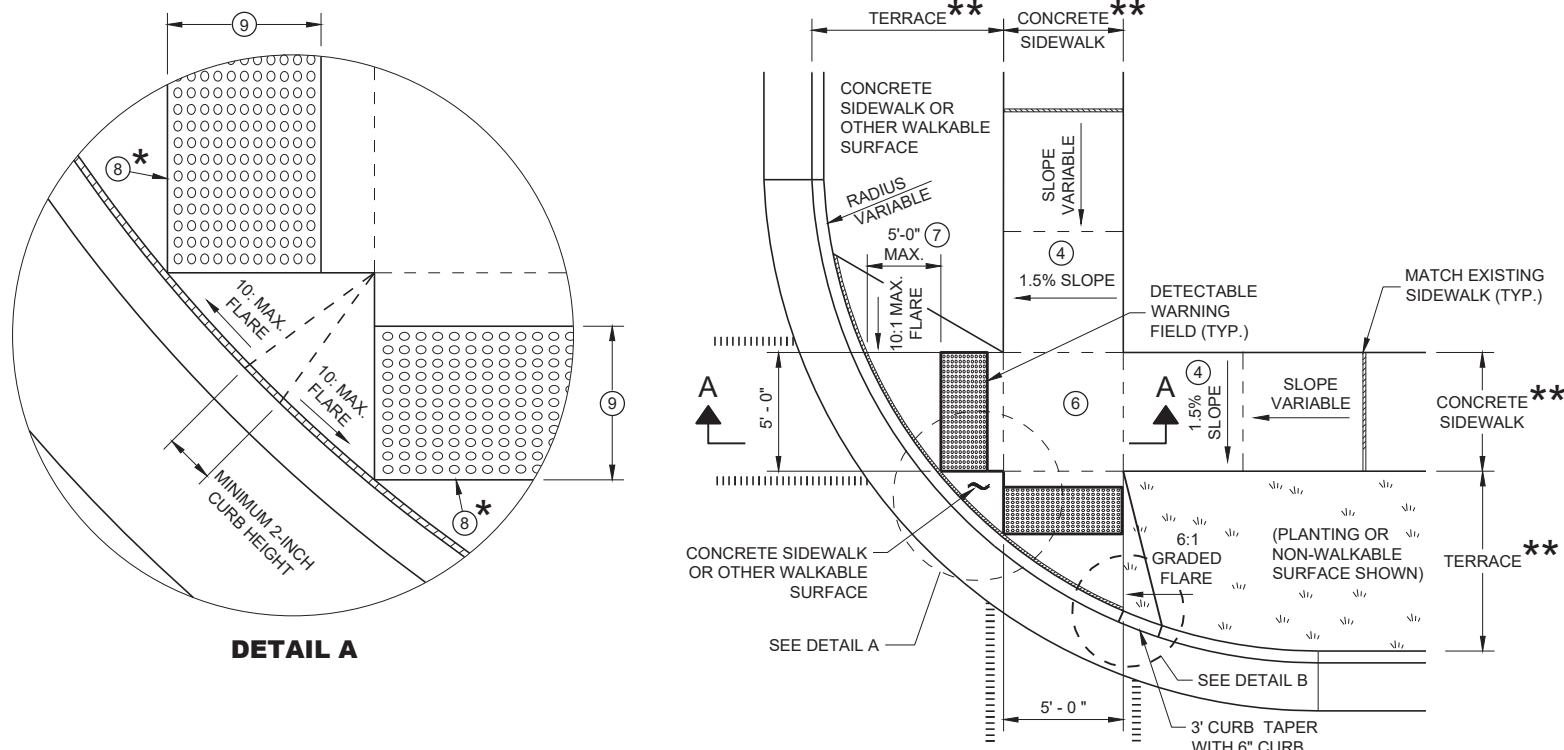
CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

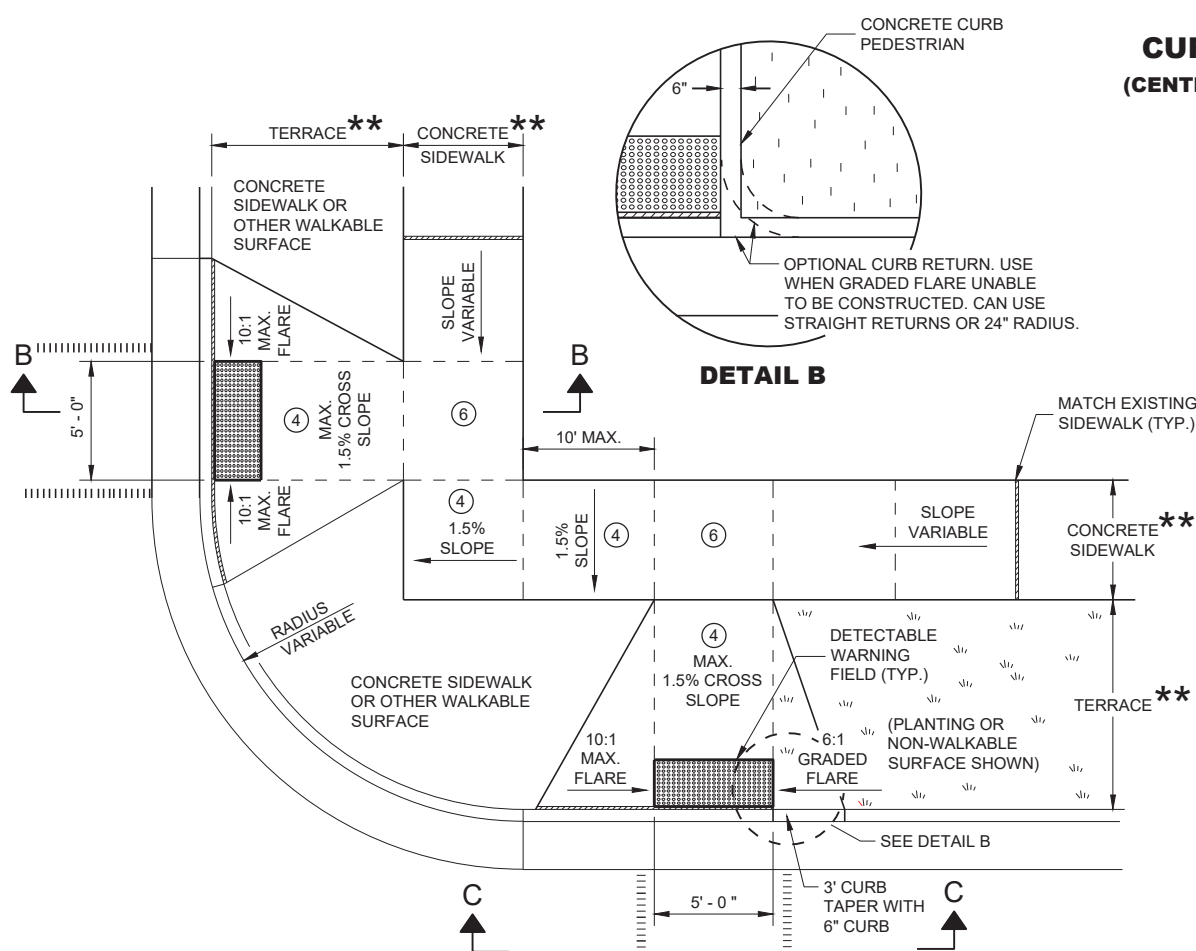
APPROVED
February 2021 /S/ Rodney Taylor
DATE ROADWAY STANDARDS DEVELOPMENT
ENGINEER



SDD 08D05-b Curb Ramps Types 2 and 3



**PLAN VIEW
CURB RAMP TYPE 2
(CENTER OF CORNER RADIUS)**



**PLAN VIEW
CURB RAMP TYPE 3
(OUTSIDE OF CROSSWALK AREA)**

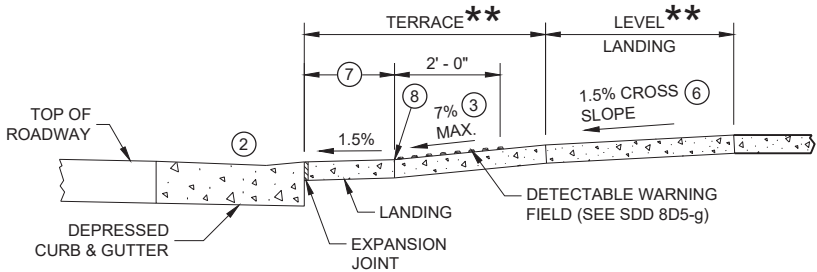
GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

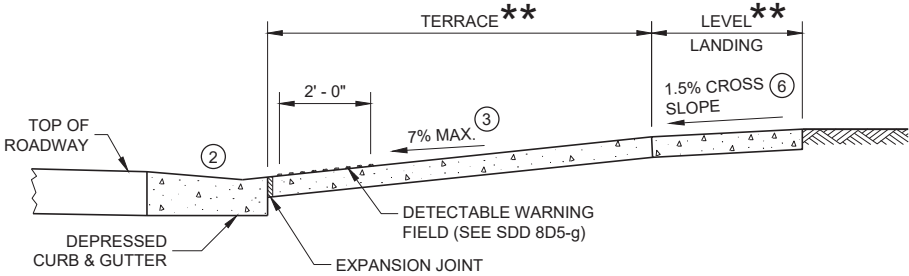
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

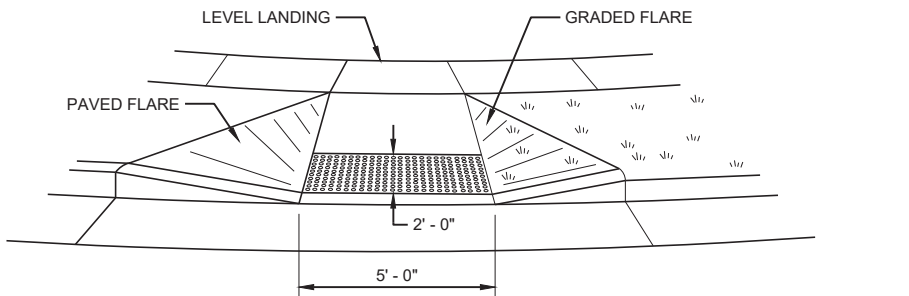
- GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4 - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE (2.67% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE.
- ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET X 5 FEET.
- WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.
- PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
- WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.



SECTION A - A FOR TYPE 2



SECTION B - B FOR TYPE 3



VIEW C - C FOR TYPE 3

LEGEND

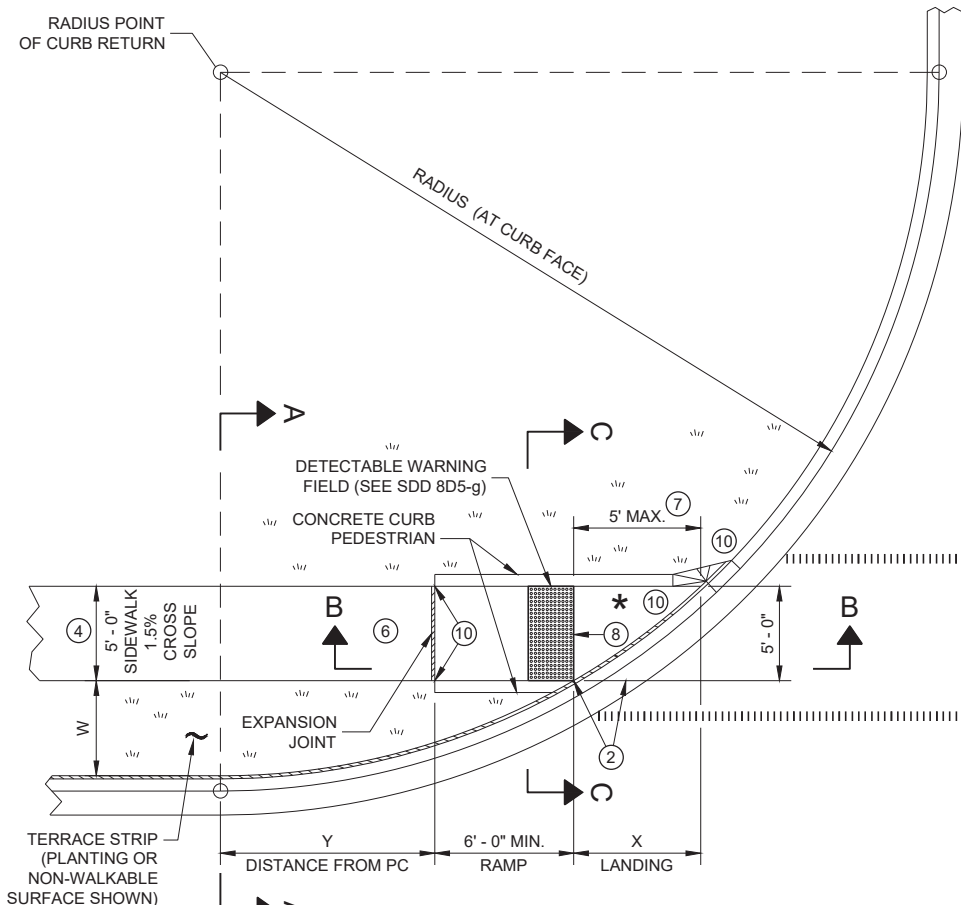
- 1/2" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPE 2 AND 3

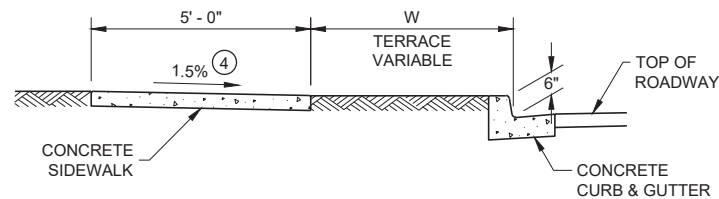
STATE OF WISCONSIN
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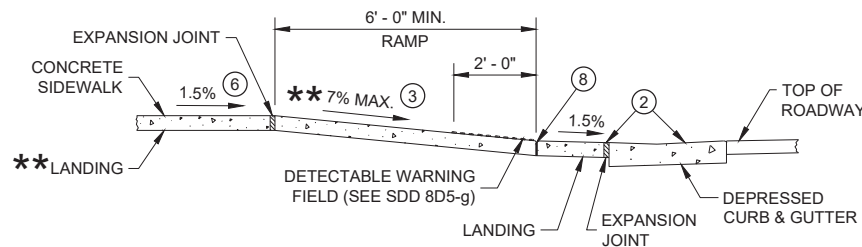
SDD 08D05-d: Curb Ramps Types 4B and 4B1



PLAN VIEW
CURB RAMP TYPE 4B



SECTION A - A FOR TYPE 4B



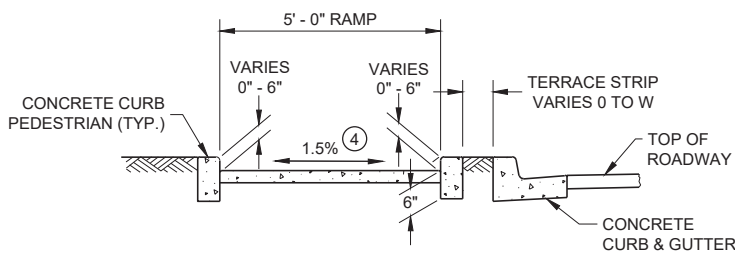
SECTION B - B FOR
TYPE 4B AND TYPE 4B1

** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

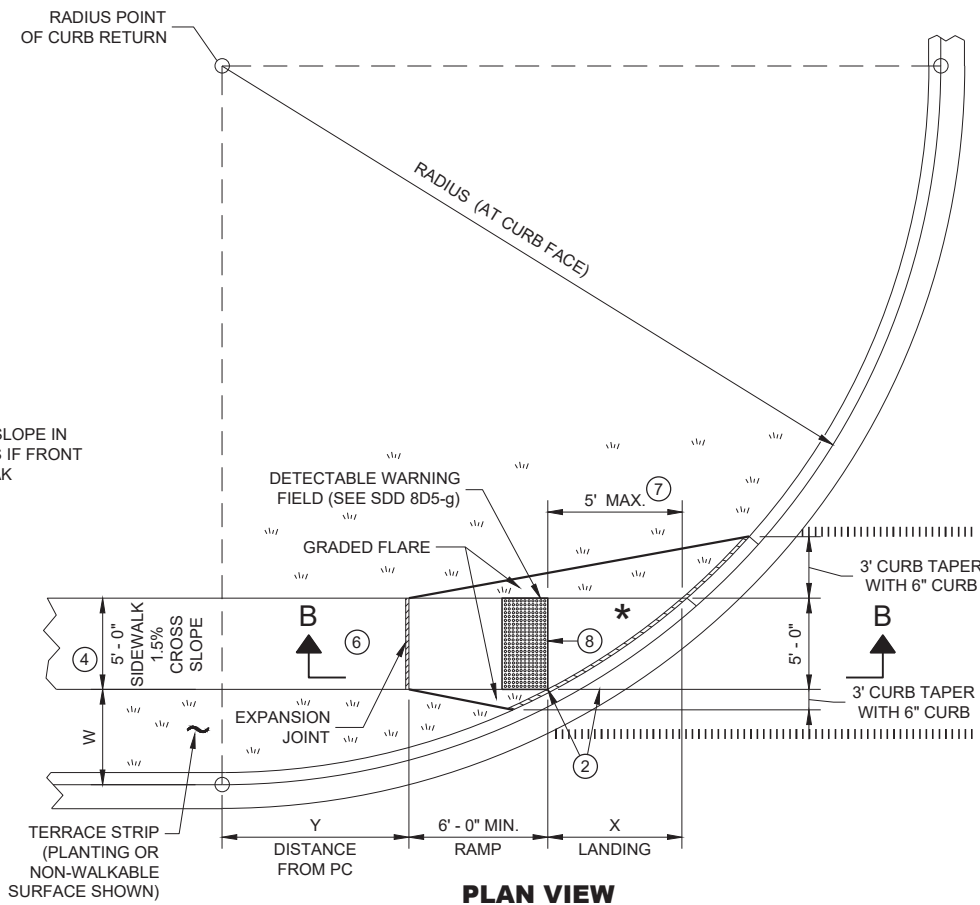
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

RADIUS (AT CURB FACE)	W = 3' - 0"		W = 4' - 0"		W = 5' - 0"		W = 6' - 0"		W = 7' - 0"		W = 8' - 0"		W = 9' - 0"		W = 10' - 0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2' - 10 1/4"	0' - 5"	2' - 1"	1' - 4 1/2"	1' - 5"	2' - 1"	0' - 10"	2' - 7 1/2"	0' - 3 3/4"	3' - 0 1/4"						
15 FEET	4' - 6 3/4"	2' - 1 3/4"	3' - 9"	3' - 5 3/4"	3' - 1 1/4"	4' - 6"	2' - 6 3/4"	5' - 4 1/2"	2' - 1"	6' - 1"	1' - 8"	6' - 8 1/2"	1' - 3 1/4"	7' - 2 1/2"	0' - 10 3/4"	7' - 7 1/4"
20 FEET	5' - 9 3/4"	3' - 6 1/2"	4' - 11 1/2"	5' - 1 3/4"	4' - 3 1/4"	6' - 5 1/2"	3' - 8 3/4"	7' - 7"	3' - 3"	8' - 6 1/2"	2' - 10"	9' - 4 1/2"	2' - 5 1/2"	10' - 1 1/4"	2' - 1 1/4"	10' - 9"
30 FEET			6' - 9 1/2"	7' - 11 1/2"	6' - 0 1/4"	9' - 8"	5' - 5"	11' - 1 3/4"	4' - 10 3/4"	12' - 5 3/4"	4' - 5 1/2"	13' - 7 3/4"	4' - 0 3/4"	14' - 8 1/2"	3' - 8 1/2"	15' - 8 1/4"
40 FEET									6' - 1 3/4"	15' - 8 1/2"	5' - 8"	17' - 2"	5' - 3"	18' - 5 3/4"	4' - 10 3/4"	19' - 8 1/4"
50 FEET															5' - 10 1/4"	23' - 2"

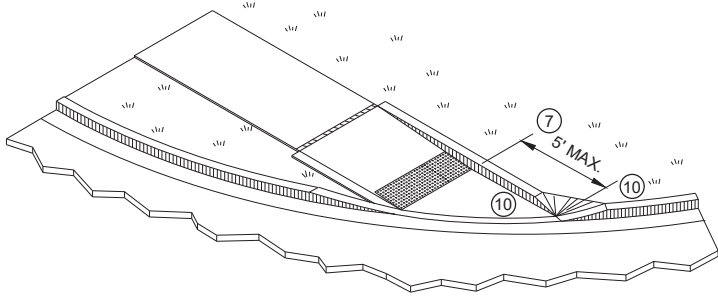
INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH



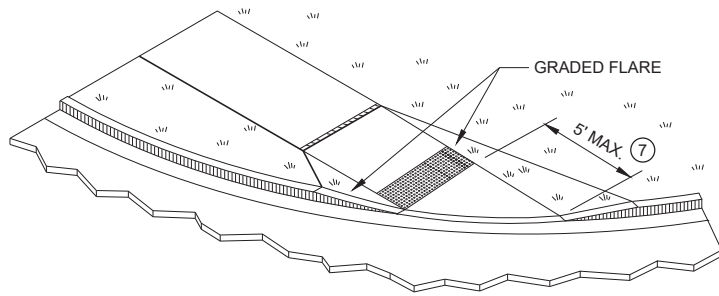
SECTION C - C FOR TYPE 4B



PLAN VIEW
CURB RAMP TYPE 4B1



ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

LEGEND

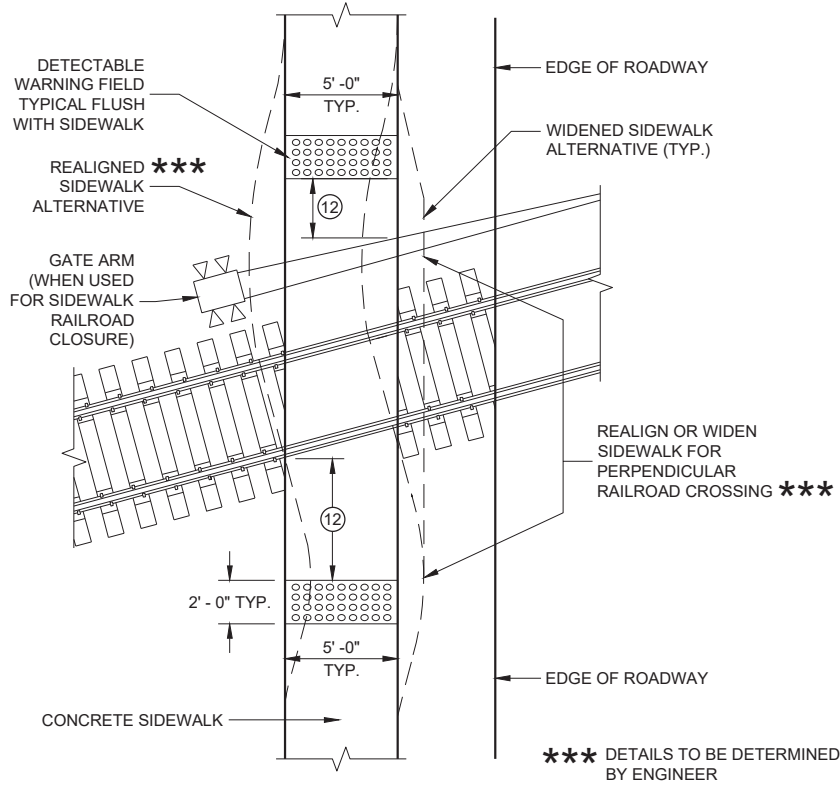
- 1/2" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

- AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
- DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
- DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.
- GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4" INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.
- WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.
- PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
- INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

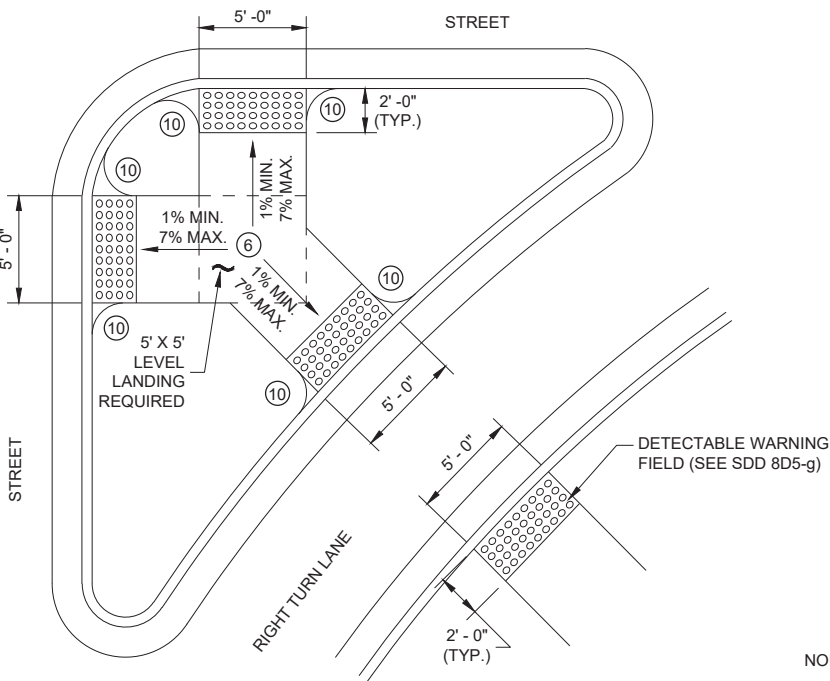
CURB RAMPS TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



CURB RAMP TYPE 8

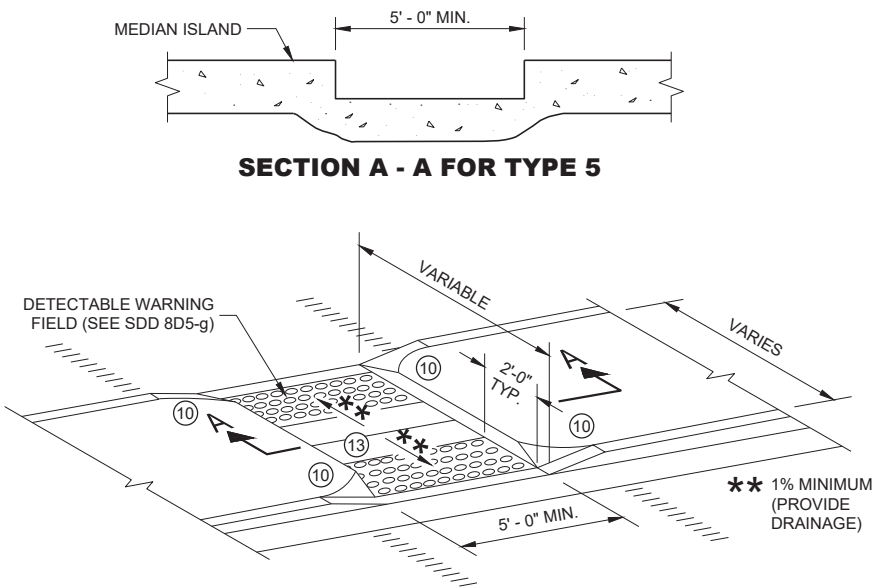
DETECTABLE WARNINGS AT RAILROAD CROSSING



CURB RAMP TYPE 6

DETECTABLE WARNING AT ISLANDS

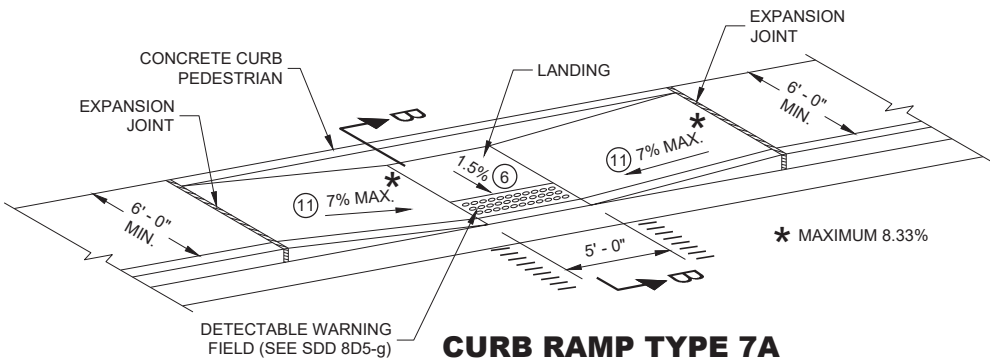
REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



SECTION A - A FOR TYPE 5

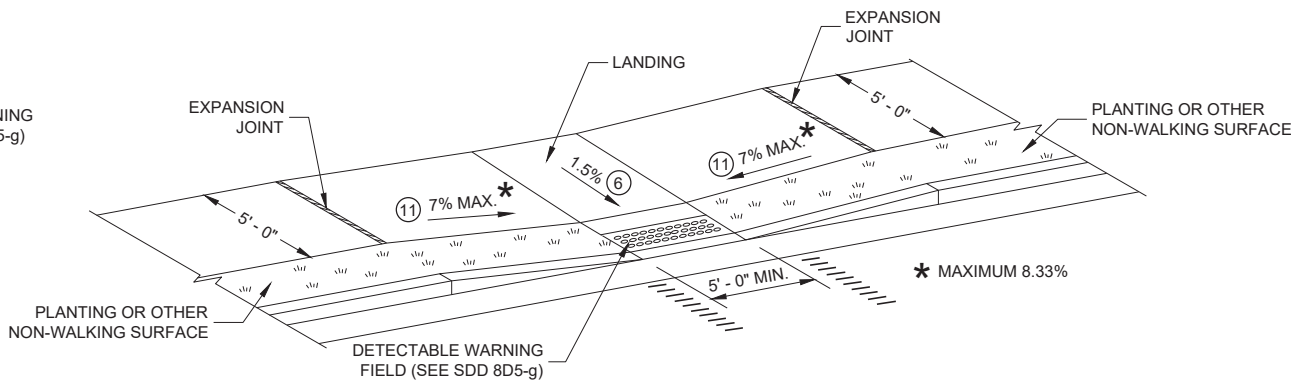
CURB RAMP TYPE 5

**MEDIAN ISLAND
NON-ELEVATED PEDESTRIAN CROSSING**



CURB RAMP TYPE 7A

MID BLOCK CROSSING



CURB RAMP TYPE 7B

MID BLOCK CROSSING

NOTE: THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS.

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

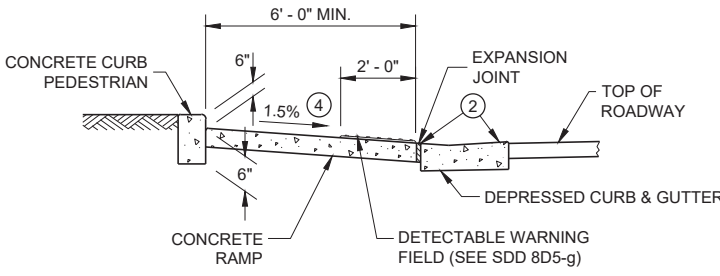
SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

- (2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4 - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- (3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- (4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- (6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.
- (10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.
- (11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.
- (12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL.
- (13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

LEGEND

- 1/2" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



SECTION B - B FOR TYPE 7A

**CURB RAMPS
TYPE 5, 6, 7A, 7B & 8**

FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED

SEE DETAIL A

EXPANSION JOINT

DETECTABLE WARNING FIELD RADIAL

GRADED FLARE

6'-0" SIDEWALK (4)
1.5% CROSS SLOPE

2'-0"

3' CURB TAPER WITH 6" CURB

5'-0" (17)

6'-0" MIN. RAMP

LANDING 'XR'

MIN. 2'-0" DWF COVERAGE (16)

* MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

Diagram illustrating the cross-section of a ramp structure, showing various components and dimensions:

- EXPANSION JOINT**: Located at the top left and top right of the ramp structure.
- CONCRETE SIDEWALK**: Located on the left side of the ramp.
- 6' - 0" MIN. RAMP**: Dimension indicating the minimum length of the ramp section.
- LANDING 'XR' (GRADE BREAK DIST.)**: Dimension indicating the distance between the ramp and the landing.
- 1.5%**: Slope percentage indicated on the ramp and landing sections.
- 7% TYP.**: Typical slope percentage indicated on the ramp section.
- *****: Three asterisks indicating a specific condition or note.
- ******: Four asterisks indicating a specific condition or note.
- LANDING**: The flat area at the bottom of the ramp.
- RADIAL DETECTABLE WARNING FIELD (SEE SDD 8D5-g)**: A field of detectable warning material located on the landing.
- DEPRESSED CURB & GUTTER**: Located at the bottom right of the ramp structure.
- TOP OF ROADWAY**: Located at the top right of the ramp structure.
- ***** IF RAMP SLOPE IS LESS**: A note indicating a condition for the ramp slope.
- *** MAXIMUM 8.33%**: A note indicating the maximum slope percentage.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED

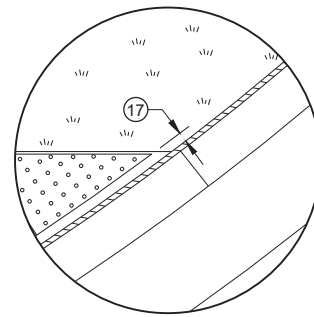
The diagram illustrates the plan view of a ramp and landing area. Key features and dimensions include:

- EXPANSION JOINT:** Located at the start of the ramp, with a 5'-0" sidewalk and 1.5% cross slope to the left.
- GRADED FLARE:** A curved area on the ramp with a 2'-0" width, marked with a 15' radius and a 15' diameter.
- DETECTABLE WARNING FIELD:** A rectangular area on the ramp, marked with a 15' radius and a 15' diameter.
- LANDING 'XR':** A rectangular area at the end of the ramp, marked with a 15' radius and a 15' diameter.
- 3" CURB TAPER WITH 6" CURB:** Located on the right side of the ramp and landing.
- TERRACE STRIP (PLANTING OR NON-WALKABLE SURFACE SHOWN):** A strip of land adjacent to the ramp.
- 6'-0" MIN. RAMP:** The minimum length of the ramp.
- 5'-0" WALKWAY:** The width of the walkway on the right side.
- SEE DETAIL B:** A reference to a detail view of the ramp.
- * MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK:** A note indicating the slope requirement for the landing area.

Diagram illustrating the cross-section of a ramp for Type 4B1, showing various components and dimensions:

- EXPANSION JOINT**: Located at the top of the ramp and at the top of the roadway.
- CONCRETE SIDEWALK**: Located on the left side of the ramp.
- LANDING**: Located at the bottom of the ramp.
- RAMP**: The main sloped section of the ramp.
- LANDING 'XR' (GRADE BREAK DIST.)**: The horizontal distance between the two expansion joints.
- TOP OF ROADWAY**: The top edge of the roadway.
- DEPRESSED CURB & GUTTER**: Located at the bottom of the ramp.
- RADIAL DETECTABLE WARNING FIELD (SEE SDD 8D5-g)**: Located at the bottom of the ramp.
- Dimensions and Slopes**:
 - 6' - 0" MIN.**: Minimum length of the ramp.
 - 7% TYP.**: Typical slope of the ramp.
 - 1.5%**: Slope of the landing.
 - 1.5%**: Slope of the depressed curb & gutter.
 - 8.33% MAXIMUM**: Maximum slope of the depressed curb & gutter.
- Section Label**: **SECTION B - B FOR TYPE 4B1**

 1/2" EXPANSION JOINT SIDEWALK
 CONTRACTION JOINT SIDEWALK
 PAVEMENT MARKING
 CROSSWALK (WHITE)



- ② GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN $\frac{1}{4}$ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- ③ AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- ④ $\pm 0.5\%$ CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- ⑥ PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.
- ⑧ PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
- ⑭ CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.
- ⑮ FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN $\frac{1}{8}$ " DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.
- ⑯ USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.
- ⑰ A MAXIMUM 3 INCH CONCRETE BORDER WITH IS ALLOWABLE IN FROM OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

NOTE: SECOND TYPE 2

CONCRETE SIDEWALK **

EXPANSION JOINT

TOP OF ROADWAY

DEPRESSED CURB & GUTTER

TERRACE **

LANDING "XR" (14)
(GRADE BREAK DIST.)

1.5%*

7% TYP. (4)

1.5% CROSS SLOPE (6)

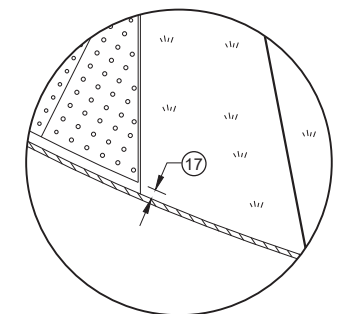
SIDEWALK **

RADIAL DETECTABLE WARNING FIELD (SEE SDD 8D5-g)

* MAXIMUM 2% SLOPE
IN ALL DIRECTIONS IN
FRONT OF GRADE
BREAK

** WIDTH SHOWN ELSEWHERE
IN THE PLANS

*** MAXIMUM 8.33%



DETAIL C

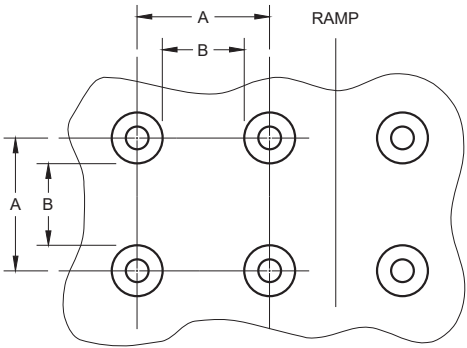
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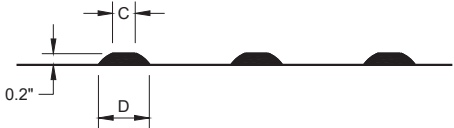
SDD 08D05-g: Curb Ramps Rectangular and Radial Detectable Warning Plates

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.

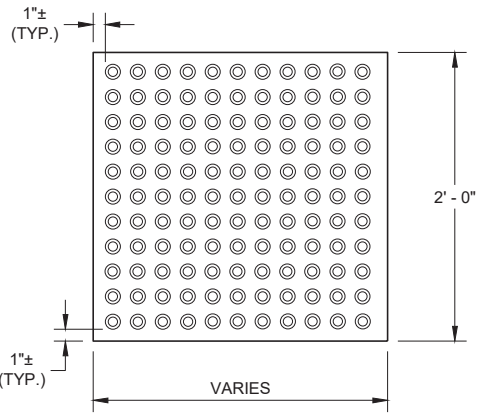


PLAN VIEW

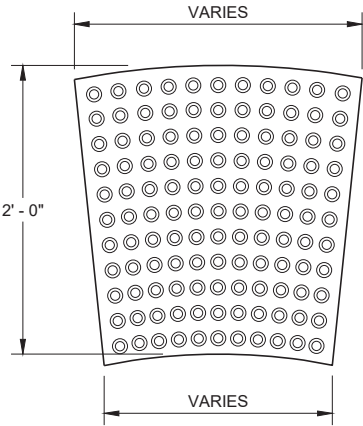


ELEVATION VIEW

TRUNCATED DOMES DETECTABLE WARNING PATTERN DETAIL

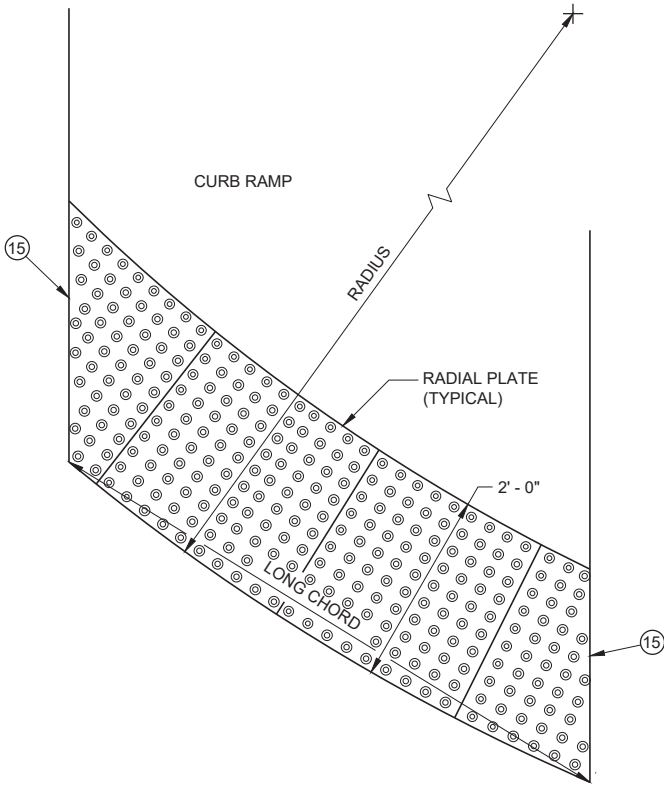


RECTANGULAR
PLATES



RADIAL
PLATES

PLAN VIEW DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW RADIAL DETECTABLE WARNING FIELD ATTRIBUTES

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

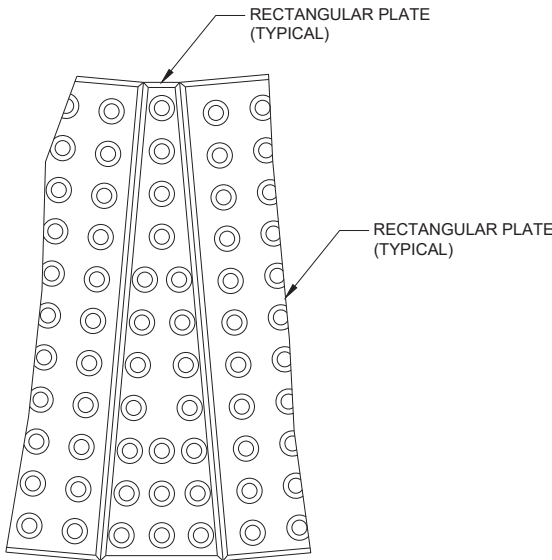
DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

15 FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN 1/8" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.



PLAN VIEW RADIAL WEDGE PLATE CONNECTION DETAIL

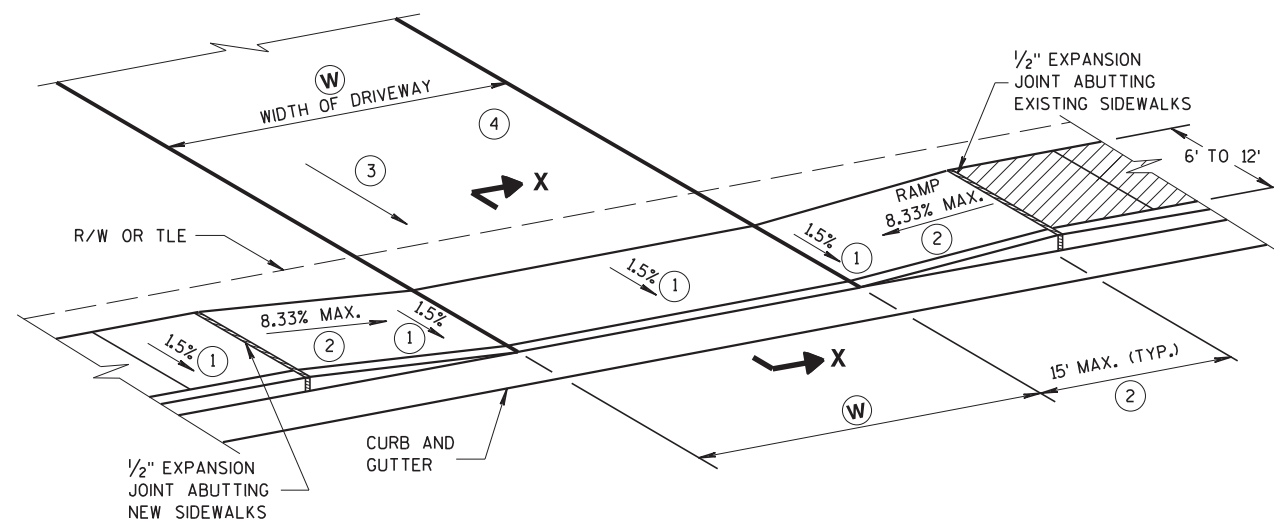
CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

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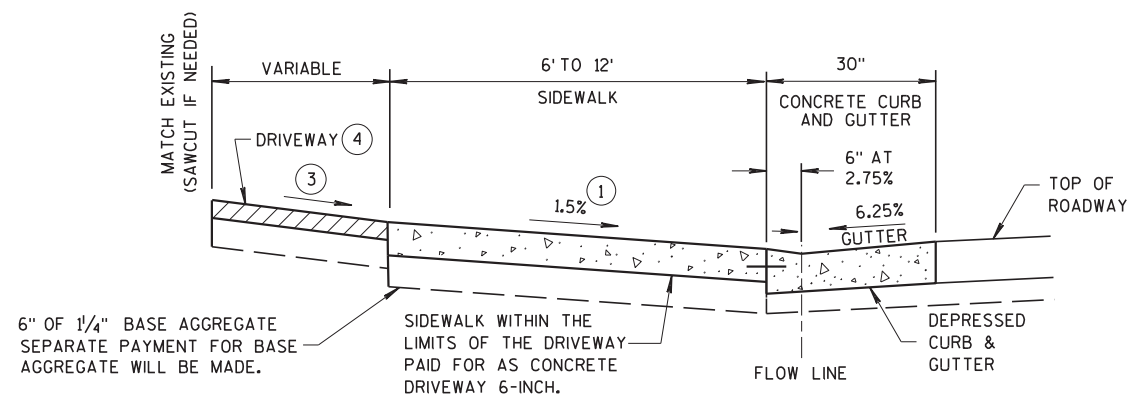
APPROVED
May 2019
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

25

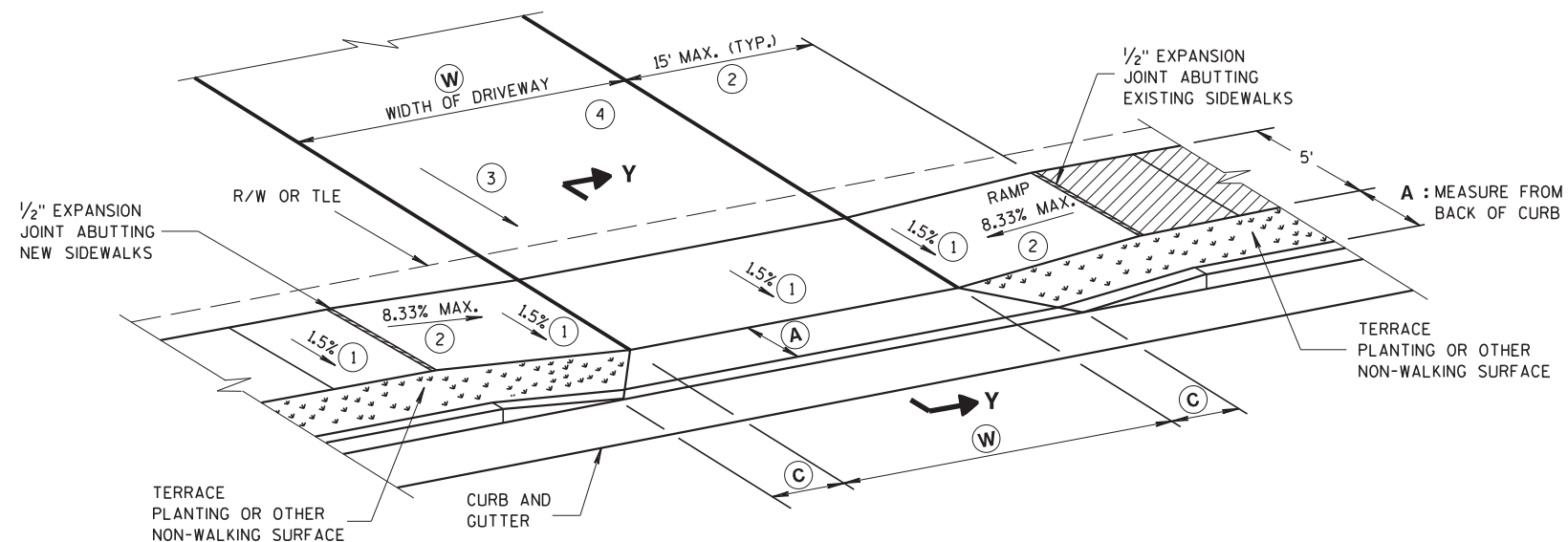
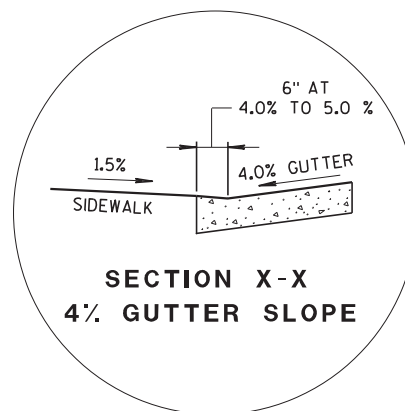
FHWA



TYPE X
SIDEWALK ABUTS CURB & GUTTER
TERRACE VARIES 0 TO 3 FEET



SECTION X-X



TYPE Y
SIDEWALK WITH NARROWER TERRACE
TERRACE VARIES 4 TO 6 FEET

(W): 12' MIN. - 24' MAX. RESIDENTIAL AND
 NON-COMMERCIAL (PE & FE)
 16' MIN. - 35' MAX. COMMERCIAL (CE)

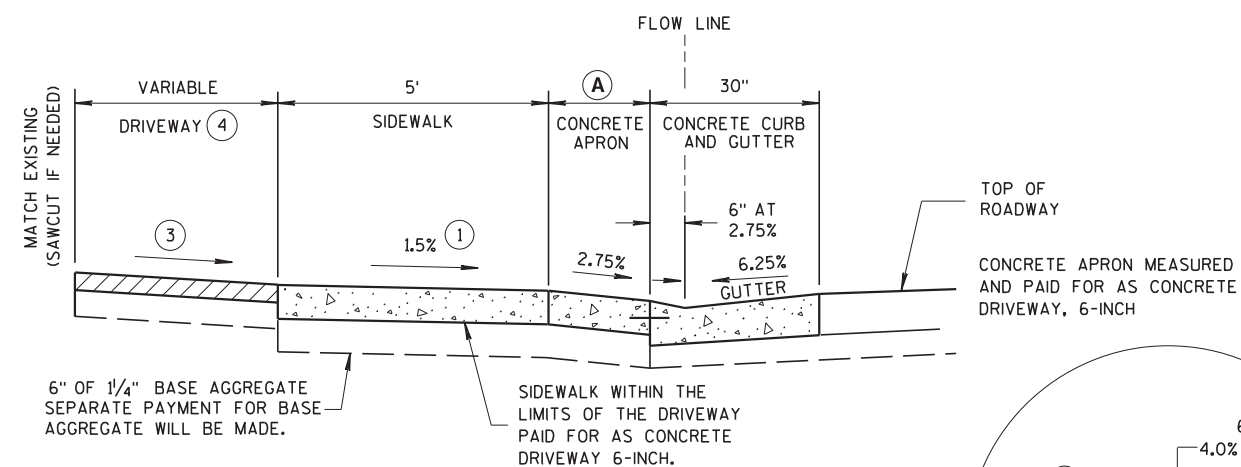
GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

Ⓜ IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

- 1 CONSTRUCTION TOLERANCE OF $0.5\% \pm$ FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% .
- 2 THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY. SLOPE SIDEWALK RAMP TOWARD APRON AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.
- 3 DRIVEWAY SLOPES: DESIRABLE MAXIMUM
10.5% UP AWAY FROM SIDEWALK (SAG)
8.5% DOWN AWAY FROM SIDEWALK (CREST)
ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG
- 4 DRIVEWAY TYPES
 - 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
 - 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
 - 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES)

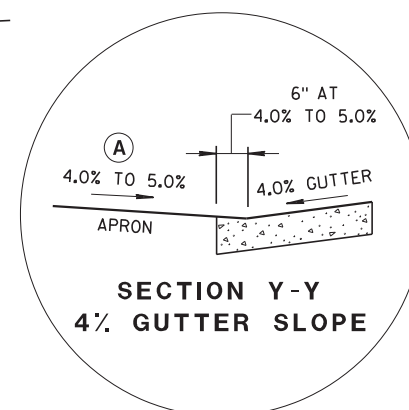


NOTE: SIDEWALK MAY BE DEPRESSED IN DRIVEWAY AREAS

SECTION Y-Y
DRIVEWAY DETAIL
WITH CONCRETE CURB & GUTTER
(URBAN AND SUBURBAN)

(A) FEET	(C) FEET
3.5'	2.0'
4.5'	3.0'
5.5'	3.5'

NOT TO SCALE

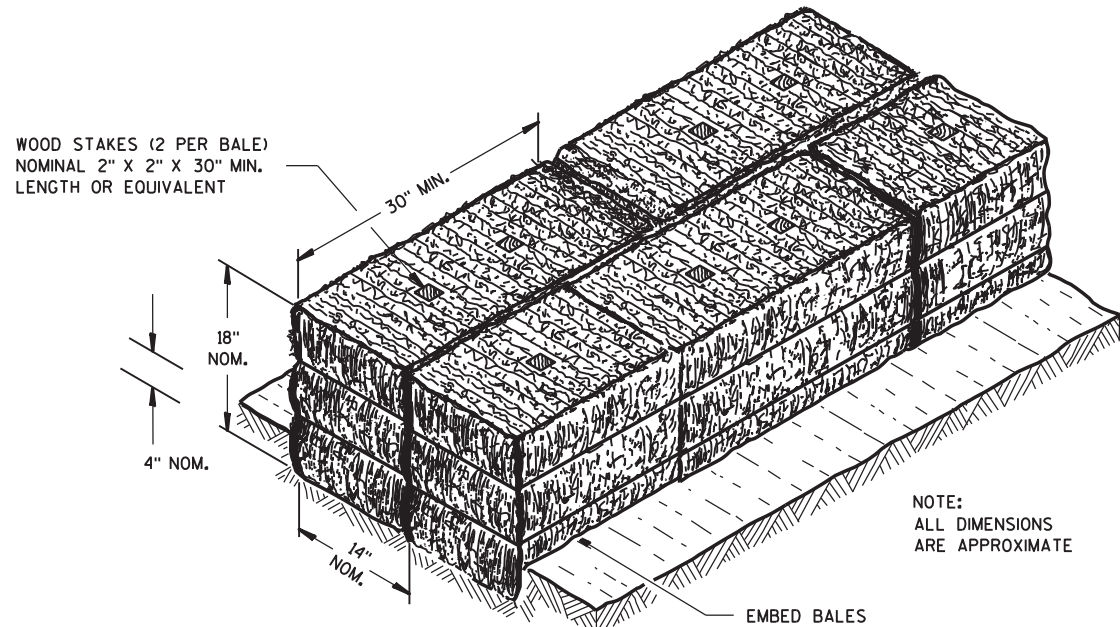


DRIVEWAY AND SIDEWALK RAMPS TYPES X & Y

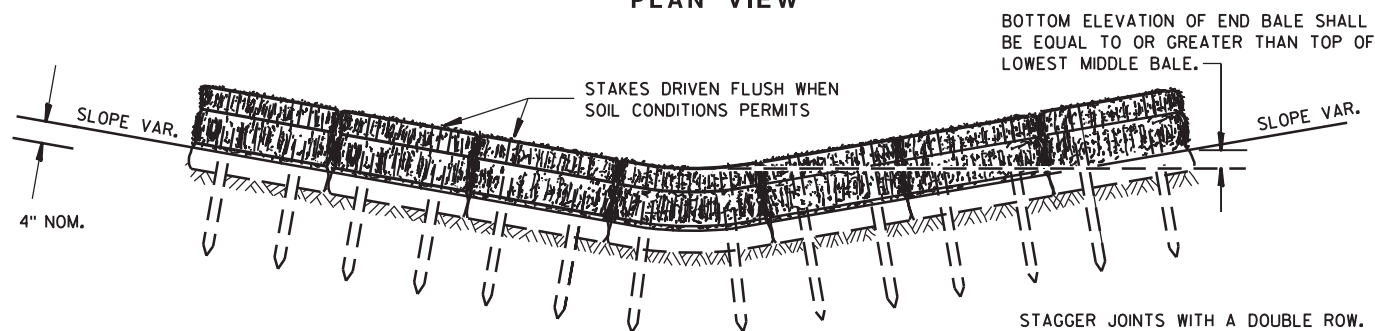
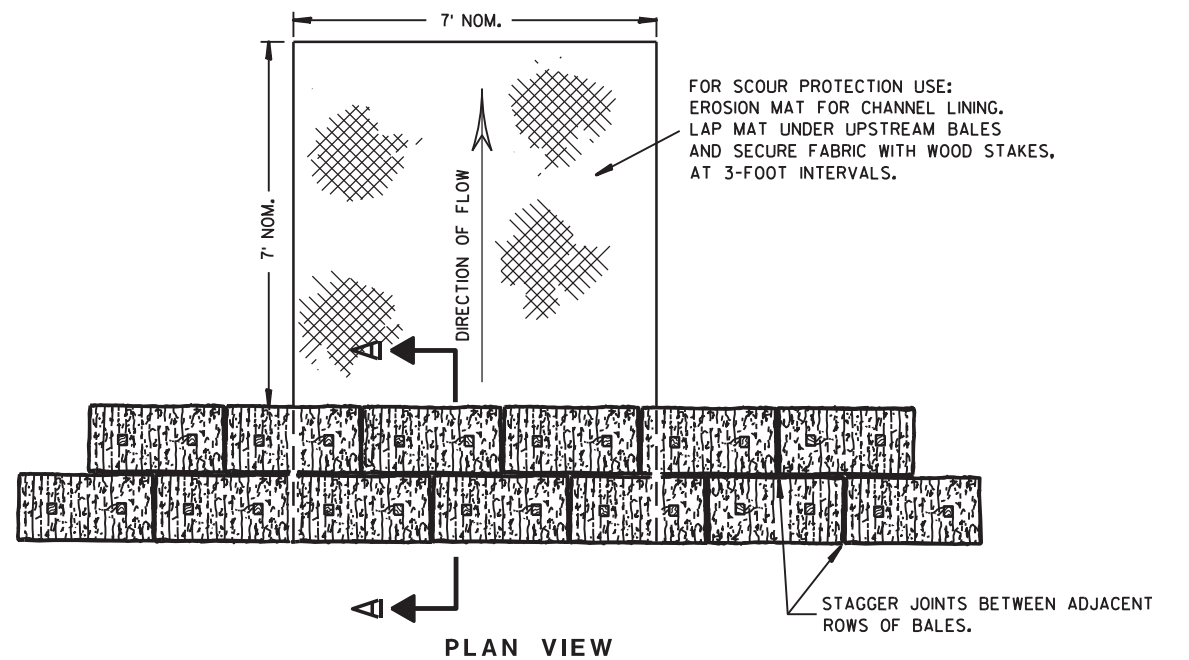
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE
EJWA

26
/S/ Rodney Taylor 52
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR



SECTION A-A

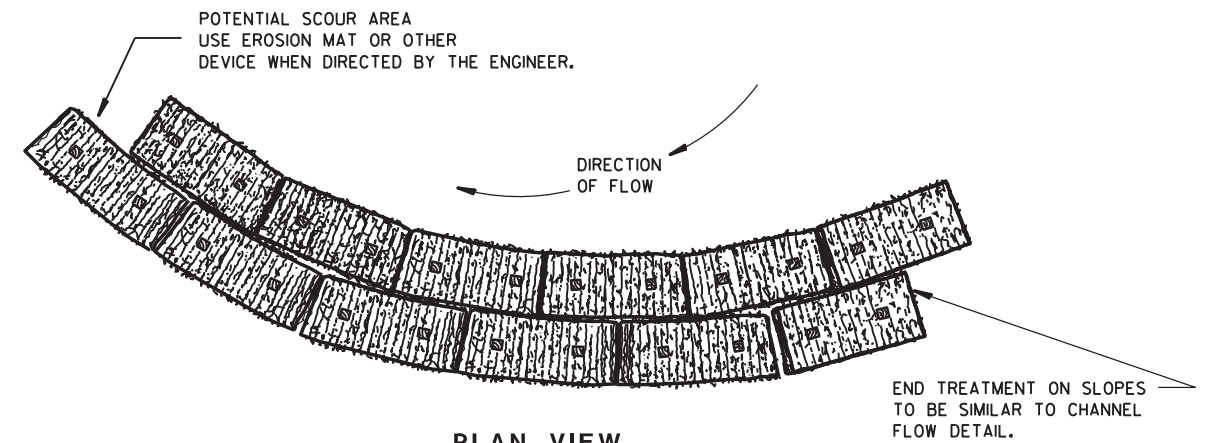


TEMPORARY DITCH CHECK USING EROSION BALES ①

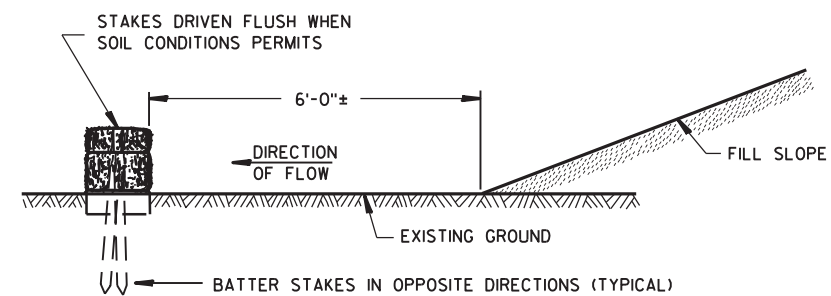
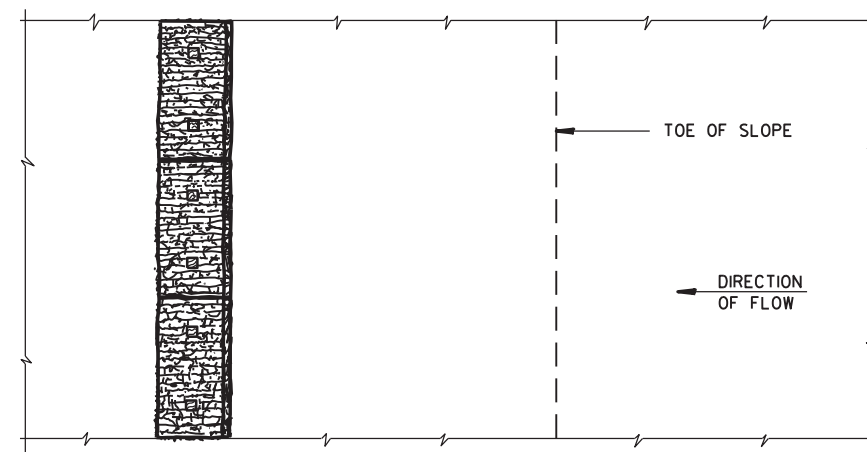
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

- ① TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.



WHEN ALTERING THE DIRECTION OF FLOW



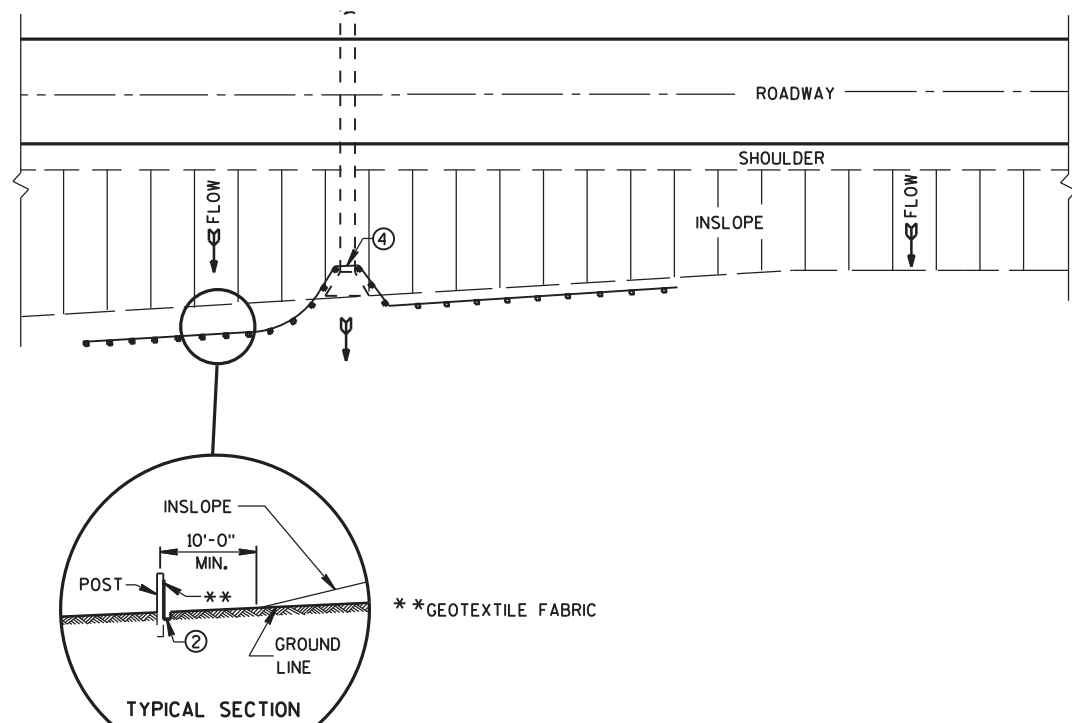
WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

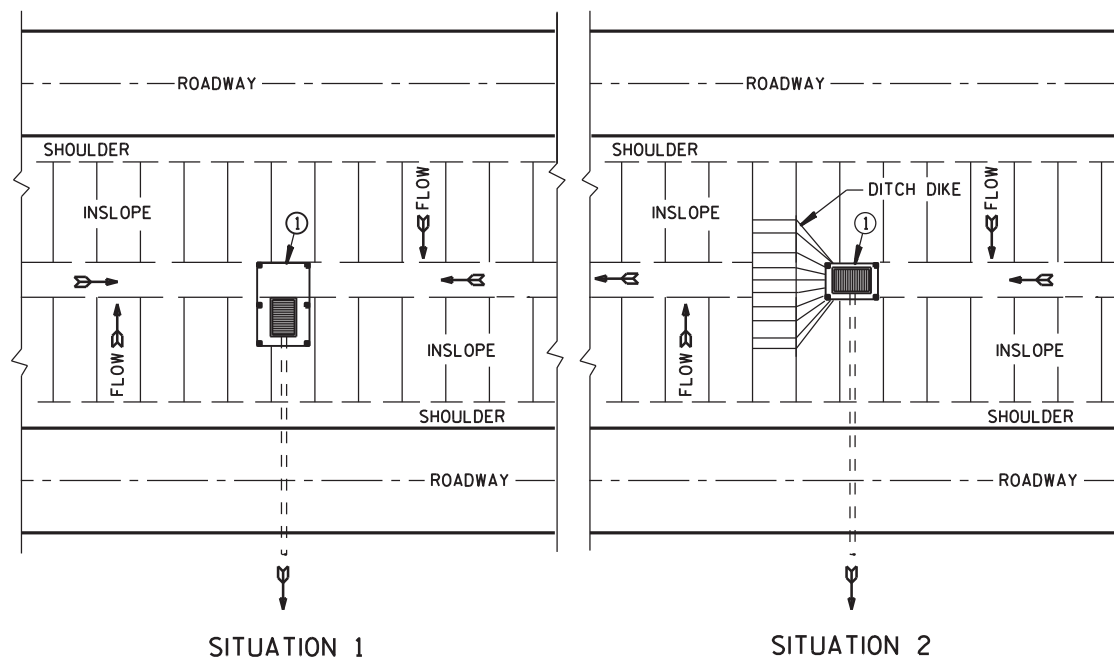
TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/04/02 /S/ Beth Canestro 27
DATE CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA



PLAN VIEW
TYPICAL APPLICATION OF SILT FENCE

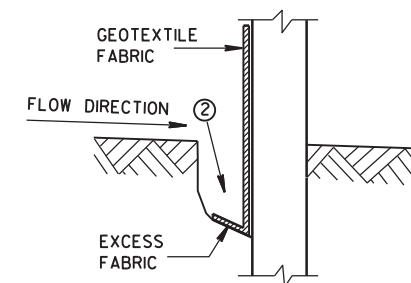


PLAN VIEW
SILT FENCE AT MEDIAN SURFACE DRAINS

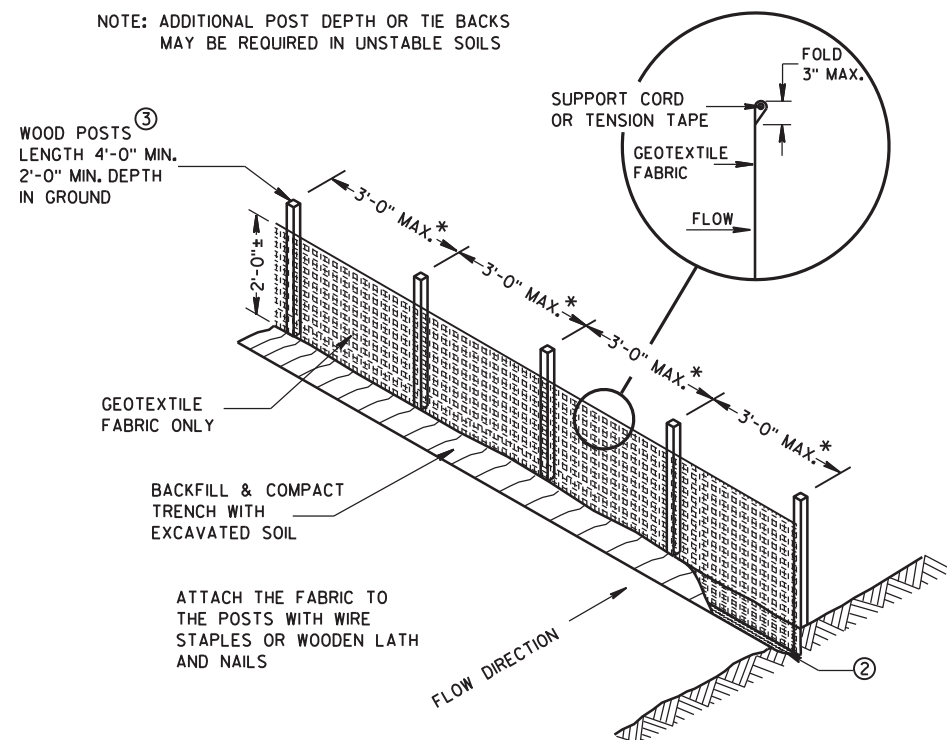
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

- ① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
- ② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- ③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OF OAK OR HICKORY.
- ④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
- ⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

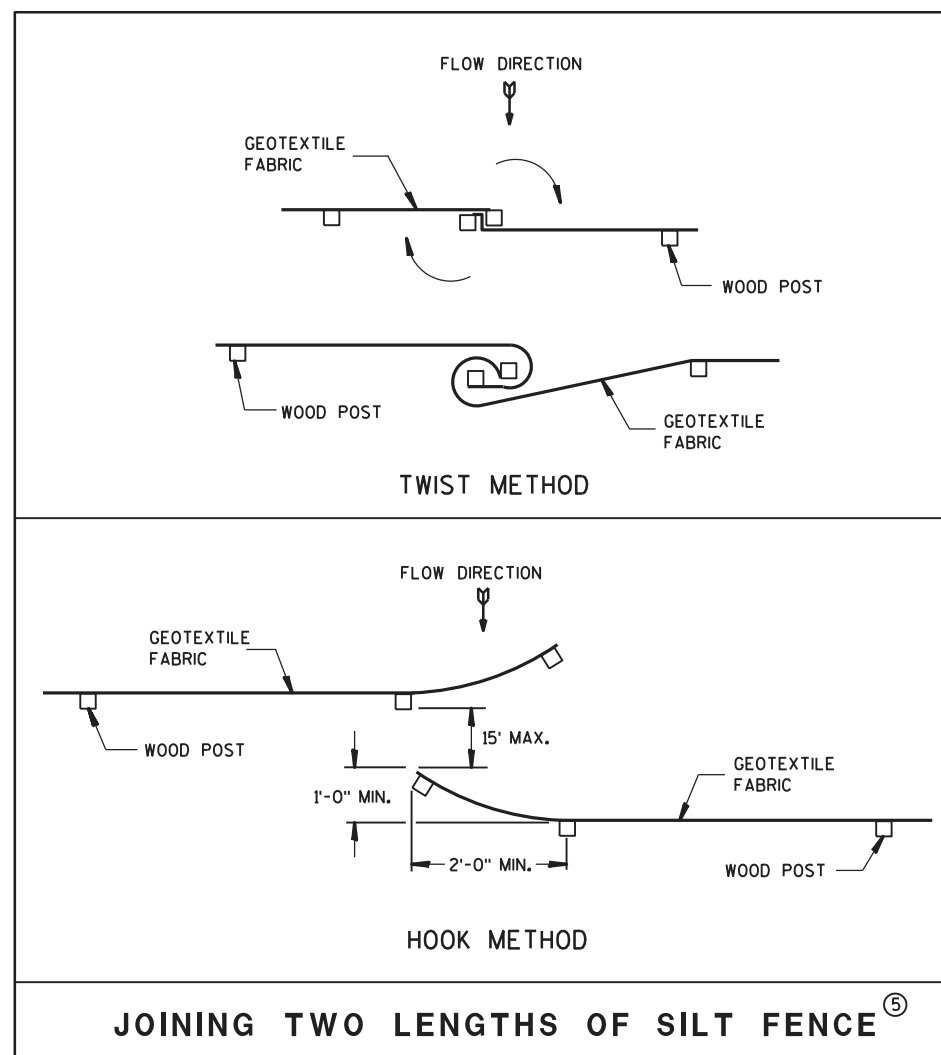


TRENCH DETAIL

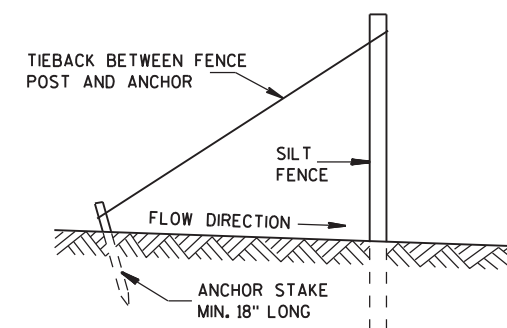


SILT FENCE

* NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.



JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK
(WHEN REQUIRED BY THE ENGINEER)

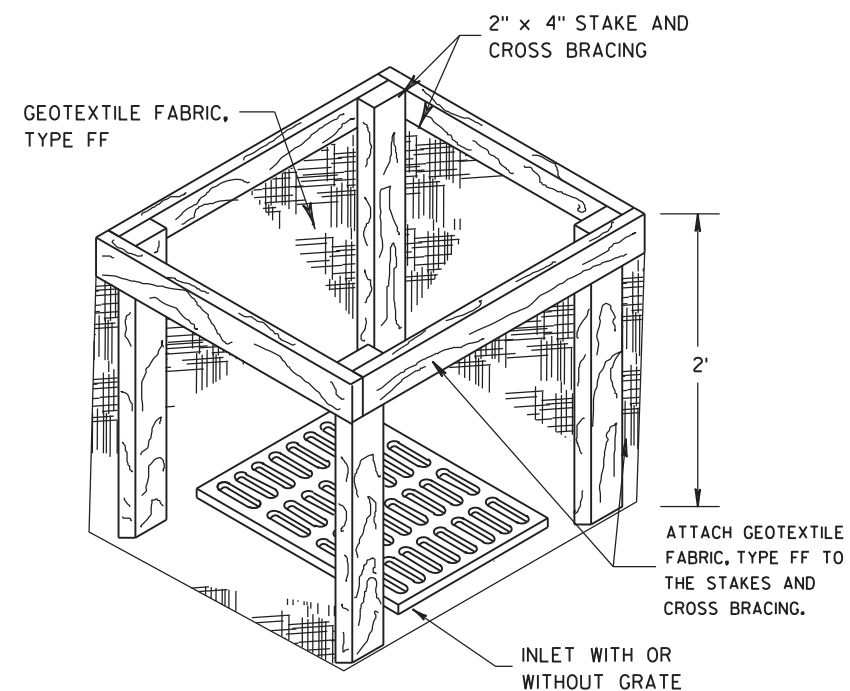
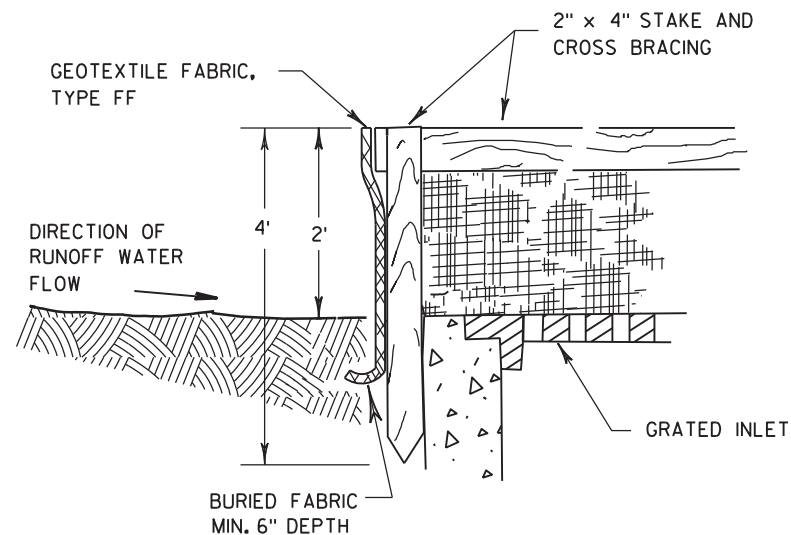
SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
DATE 4-29-05 /S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA



SDD 8e10 Inlet Protection Type A, B, C and D



INLET PROTECTION, TYPE A

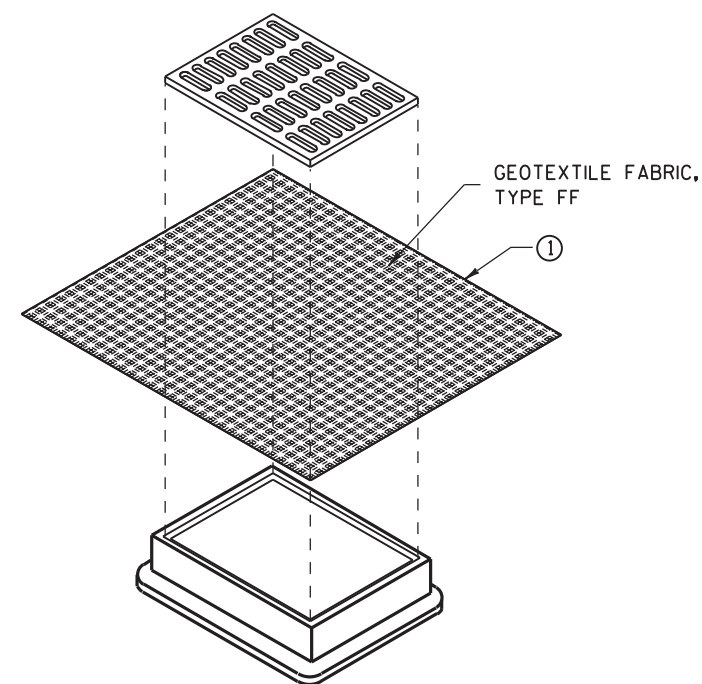
GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

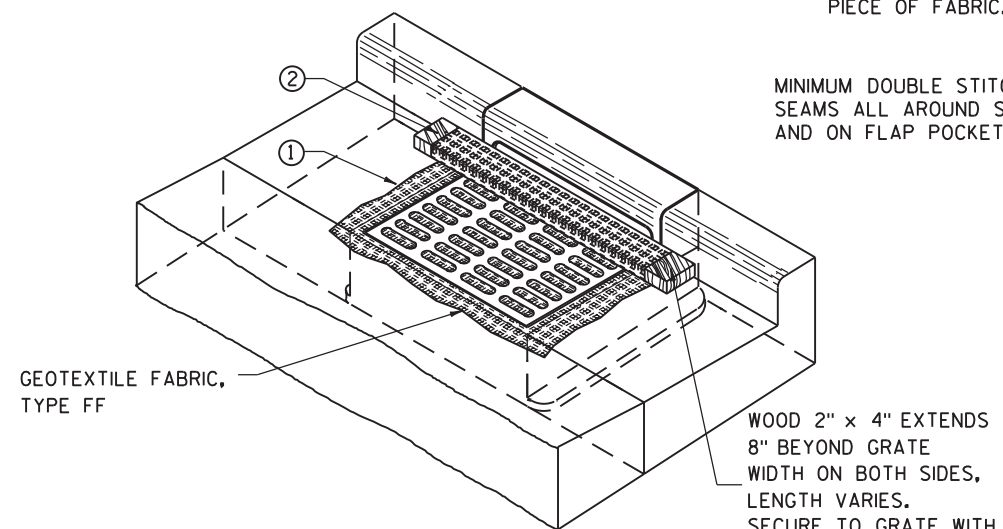
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- ① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- ② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
- ③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.



**INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)**

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

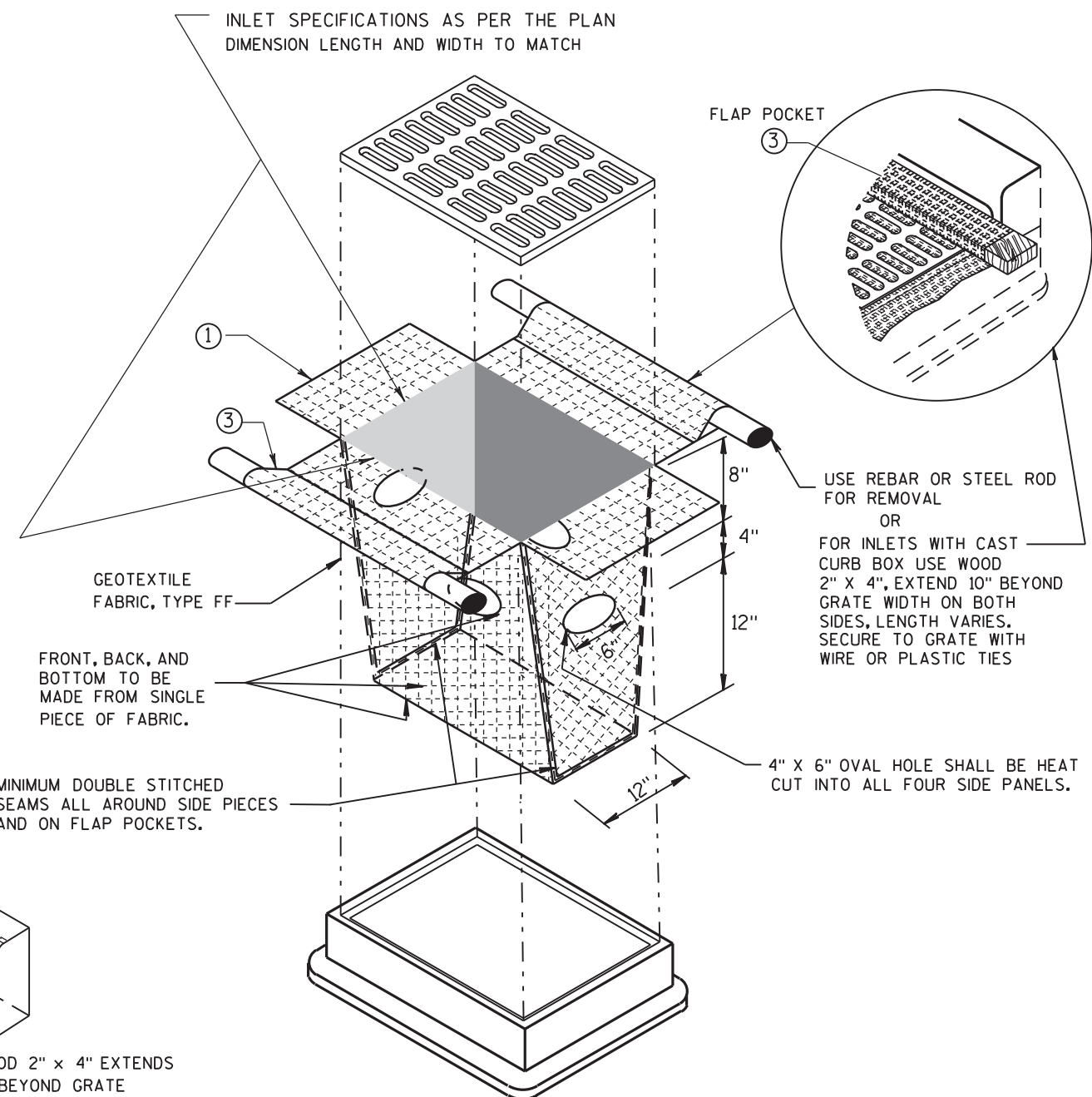
THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.



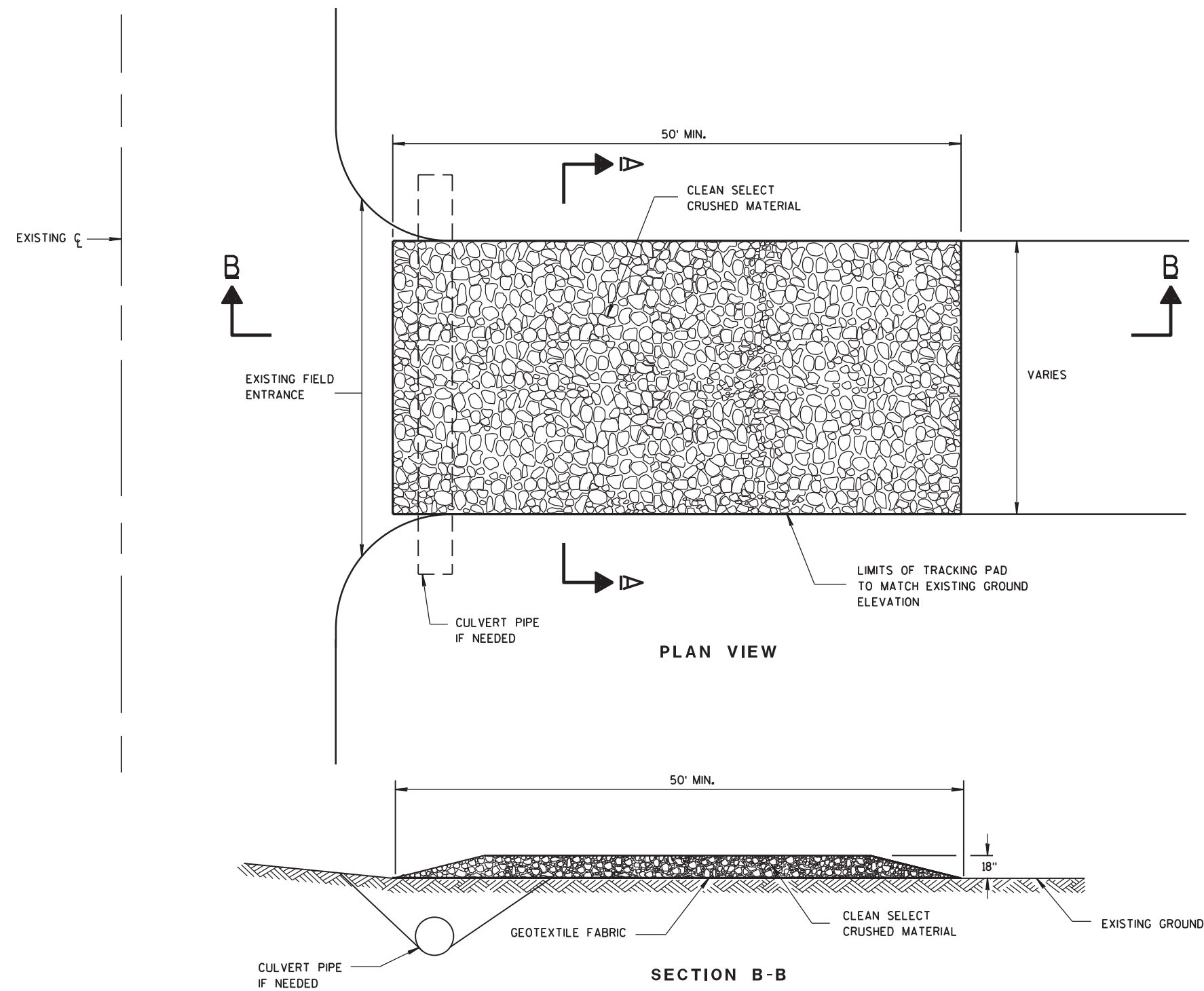
INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE ②)

INLET PROTECTION TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10-16-02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
29
52
FHWA



GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

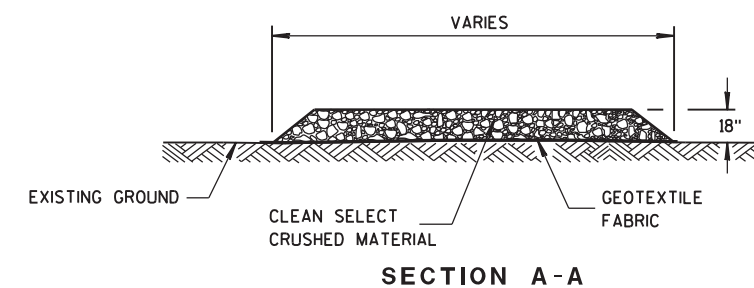
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

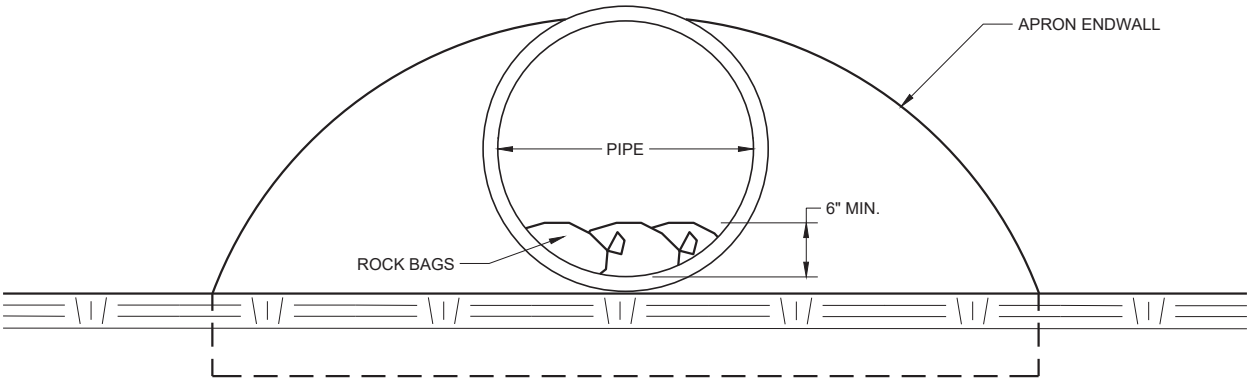
TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

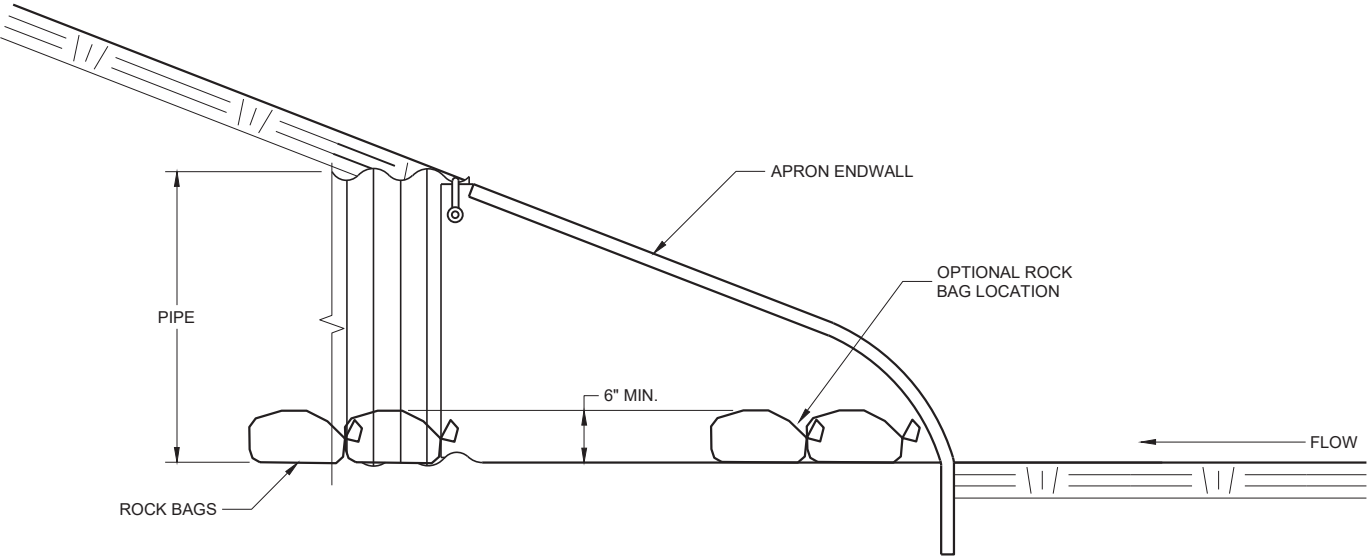
CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.





END VIEW



SIDE VIEW

CULVERT PIPE CHECK
(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK		
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION		
APPROVED May 2019 DATE	/S/ Daniel Schave EROSION CONTROL ENGINEER	31

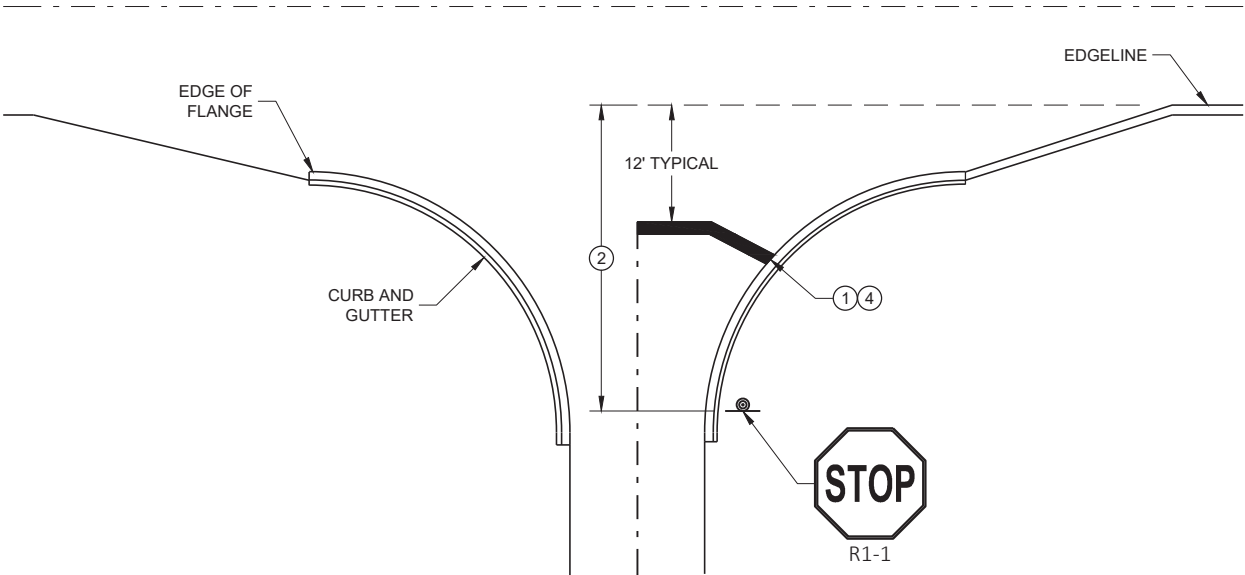


SDD 15C33 Stop Line and Crosswalk Pavement Marking

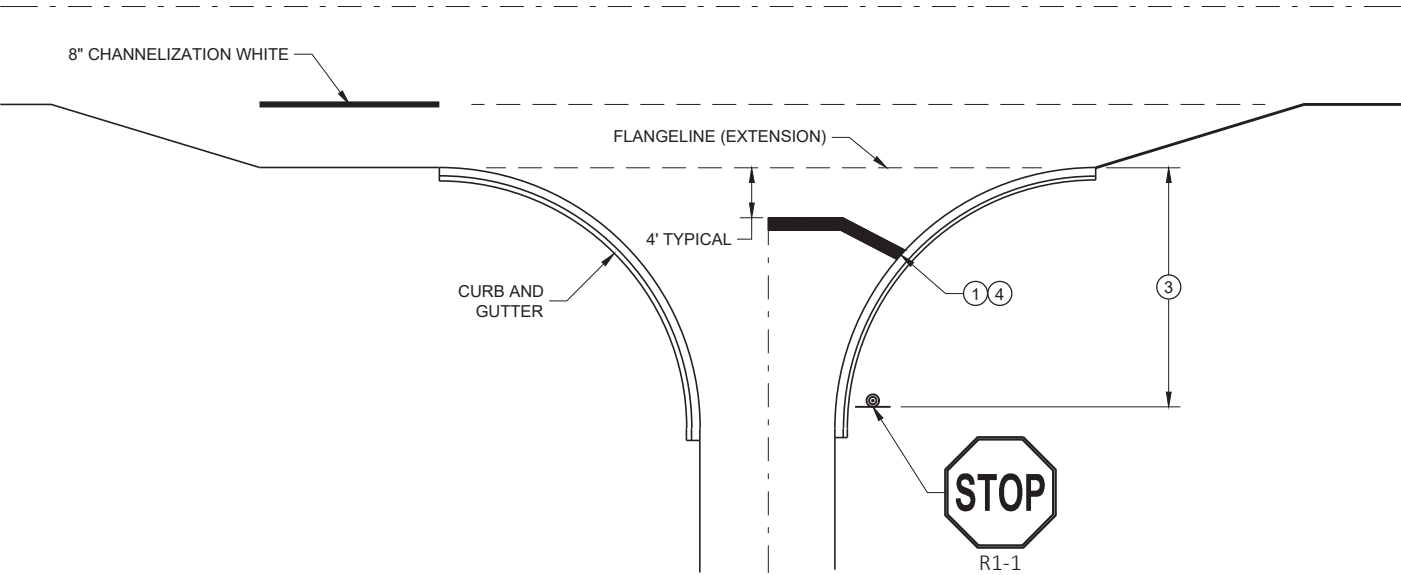
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

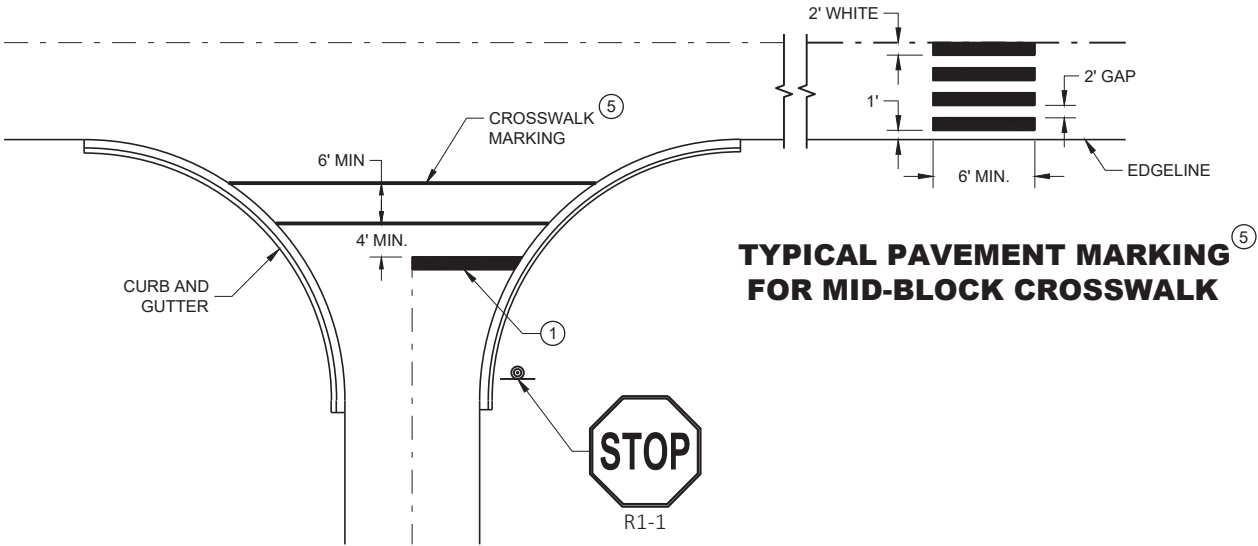
- ① 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
- ② NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
- ③ NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE EXTENSION.
- ④ MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
- ⑤ LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES INSTEAD.



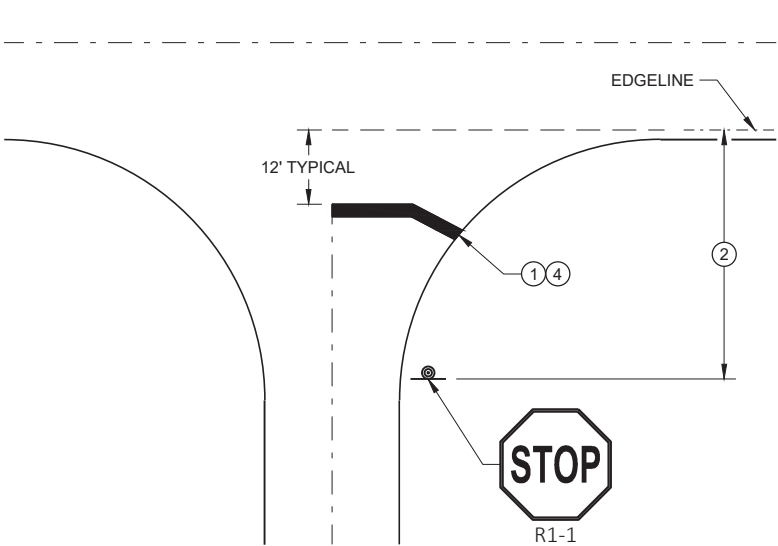
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 /S/ Matthew Rauch
DATE STATE SIGNING AND MARKING ENGINEER



SDD 15D28 Traffic Control, Work on Shoulder or Parking Lane, Undivided Roadway

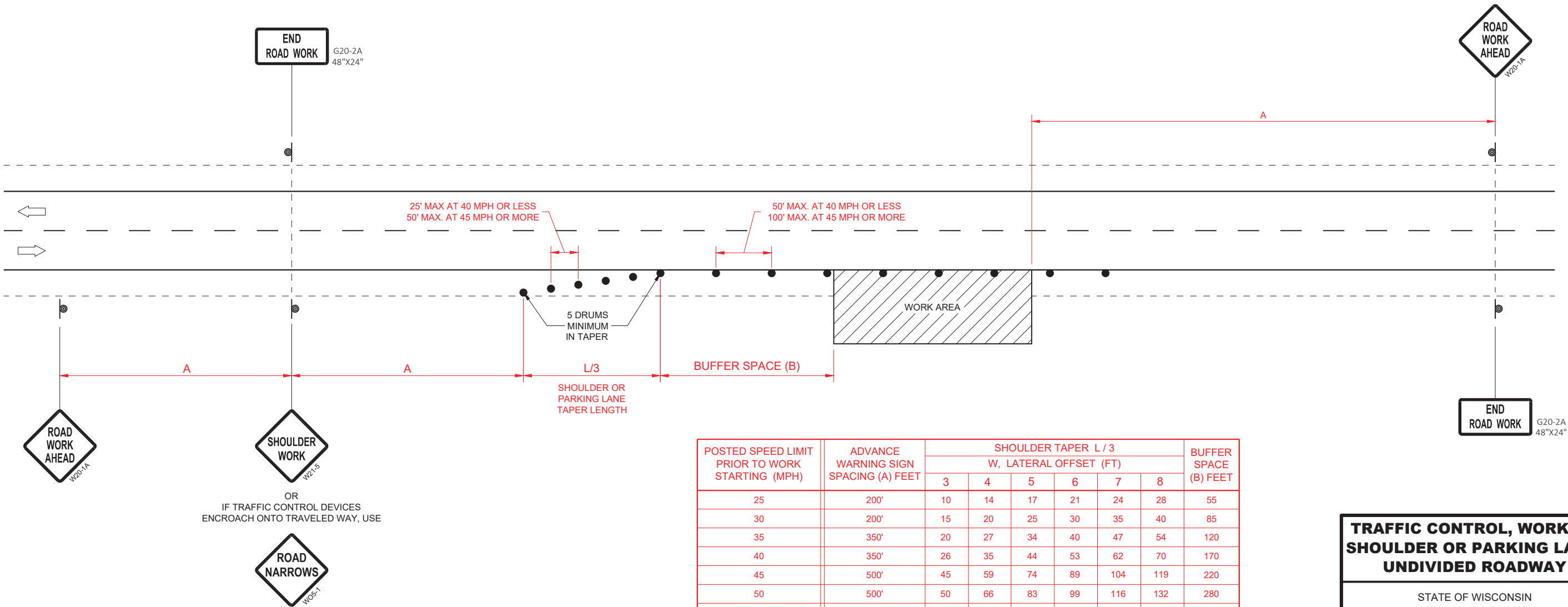
LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DIRECTION OF TRAFFIC
- WORK ZONE

GENERAL NOTES

- ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.
- "WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.
- ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.
- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
- CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.
- SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.
- W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.

6



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	55
30	200'	15	20	25	30	35	40	85
35	350'	20	27	34	40	47	54	120
40	350'	26	35	44	53	62	70	170
45	500'	45	59	74	89	104	119	220
50	500'	50	66	83	99	116	132	280
55	500'	54	73	91	109	127	145	335'

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020
DATE

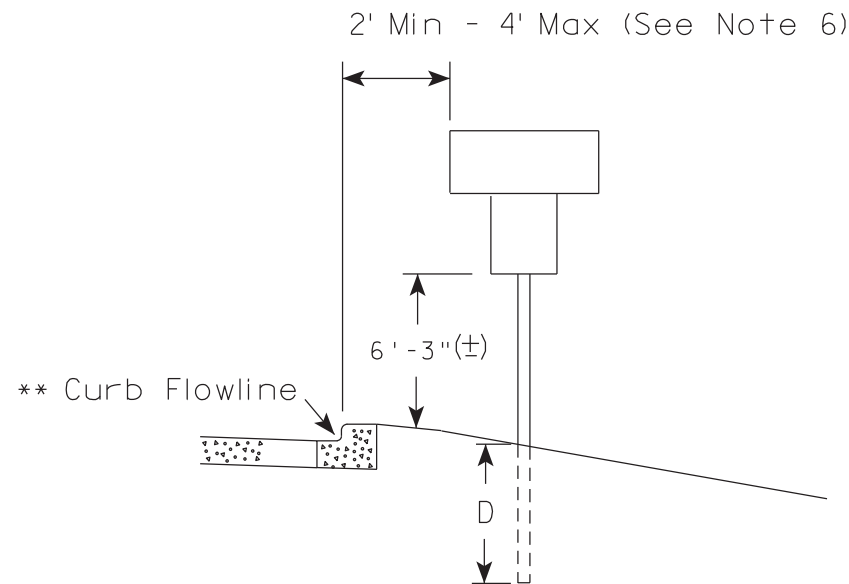
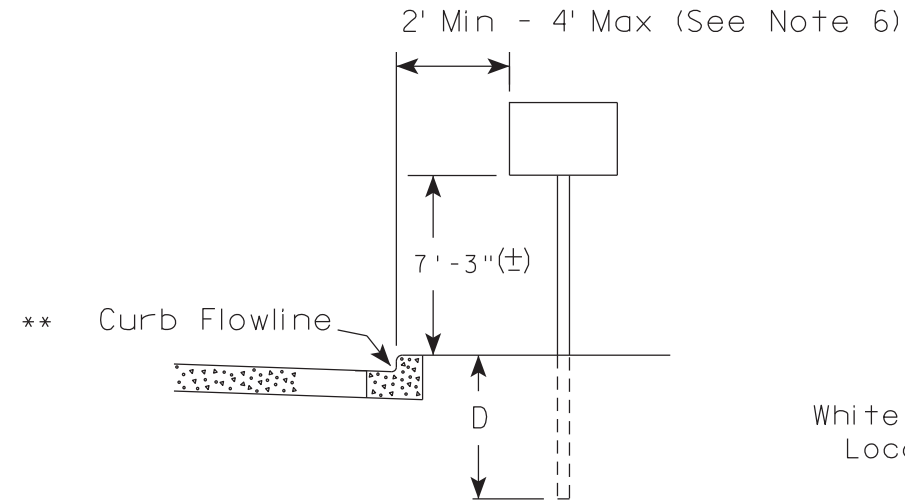
/S/ Andrew Heidtke
STATEWIDE WORK ZONE TRAFFIC
SAFETY ENGINEER

33
52

SDD 15D28 - 04

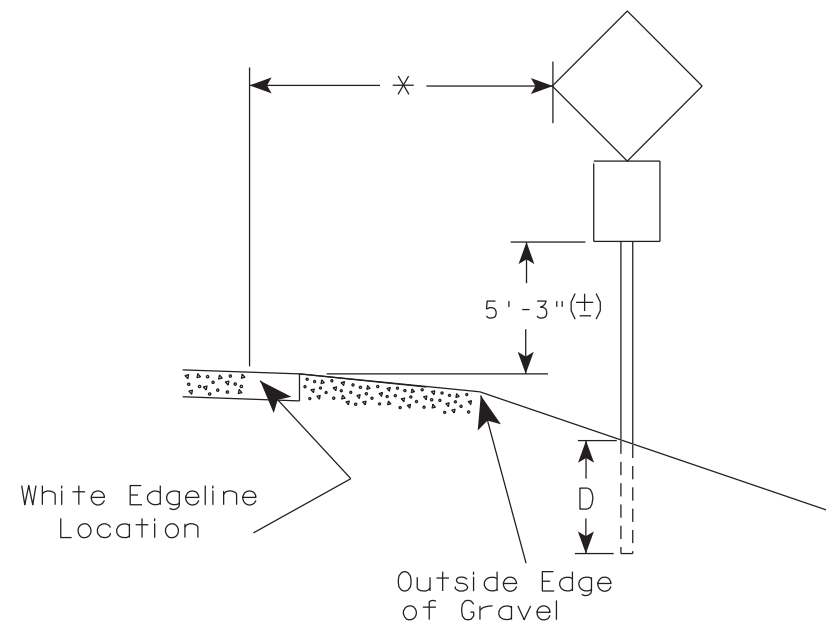
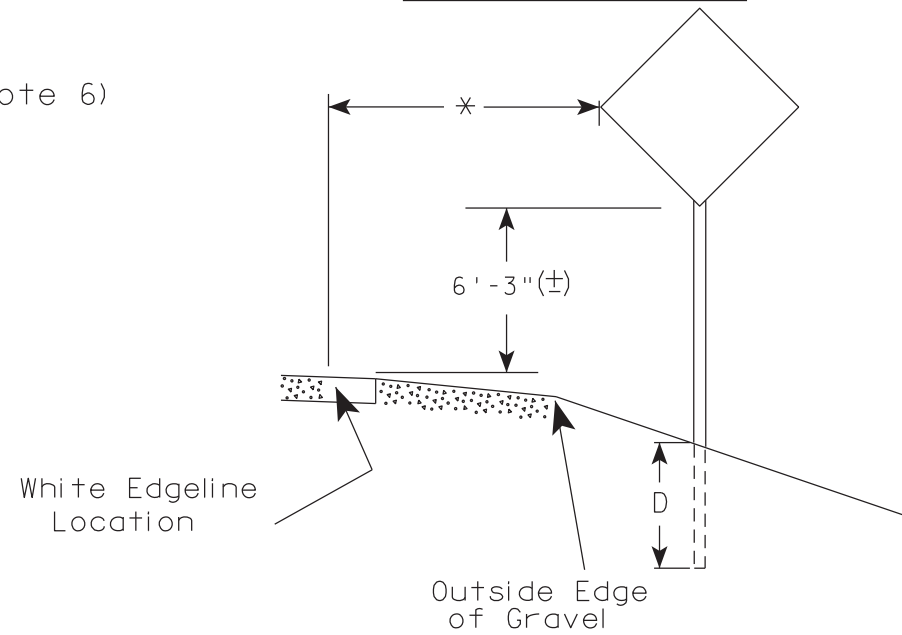
SDD 15D28 - 04

URBAN AREA



** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

RURAL AREA (See Note 2)



* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

- Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
- If signs are mounted on or behind barrier wall, see A4-10 sign plate.
The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).
- For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
- Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
- Offset distance shall be consistent with existing signs or consistent throughout length of project.
- The (±) tolerance for mounting height is 3 inches.
- Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the Engineer.

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 5/13/2020 PLATE NO. A4-3.22

34

PROJECT NO:

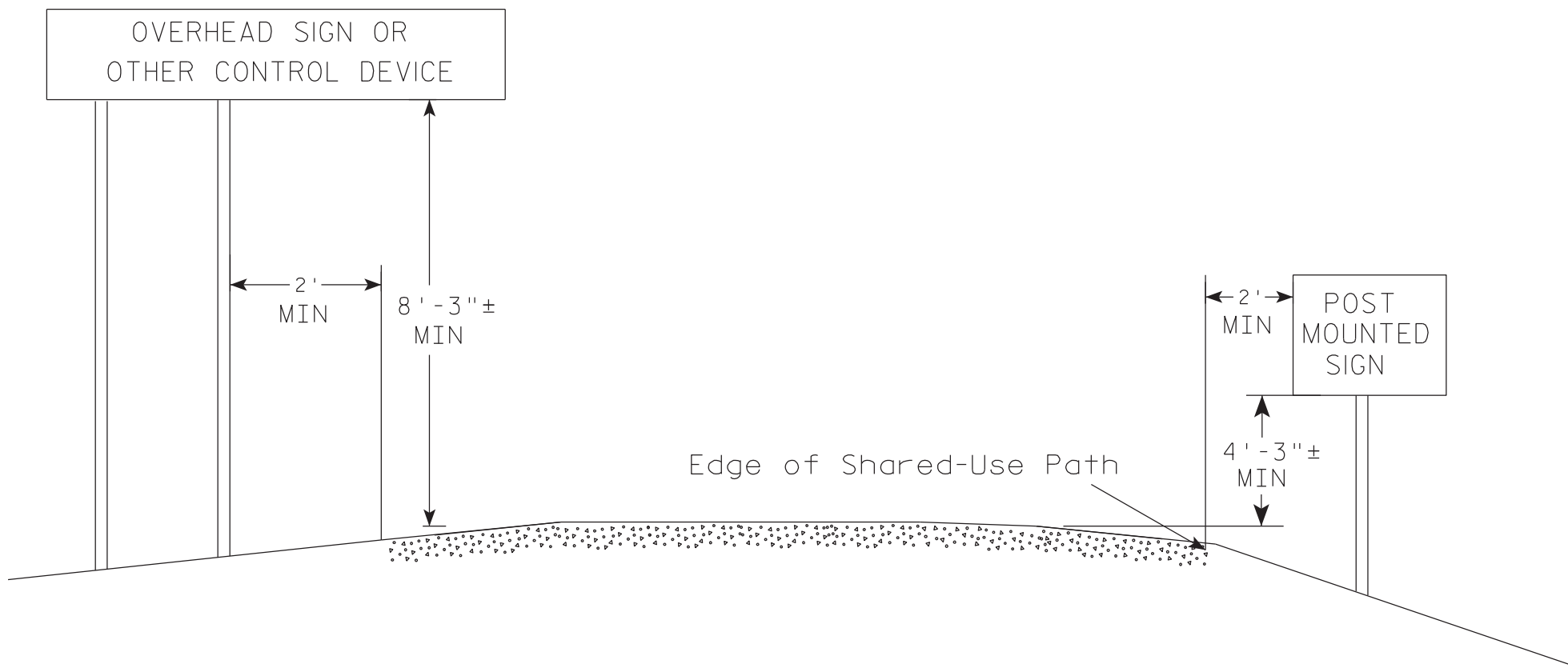
HWY:

COUNTY:

SHEET NO:

52 E

7



GENERAL NOTES

- 1. Signs wider than 4 feet or larger than 20 sq. ft. shall be mounted on multiple posts. Refer to plate A4-4.
- 2. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 3. The height from ground level to the sign is 8'-3"± min. for the Overhead sign or other control device.
- 4. The height from ground level to the sign is 4'-3"± min. for the Post mounted sign.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

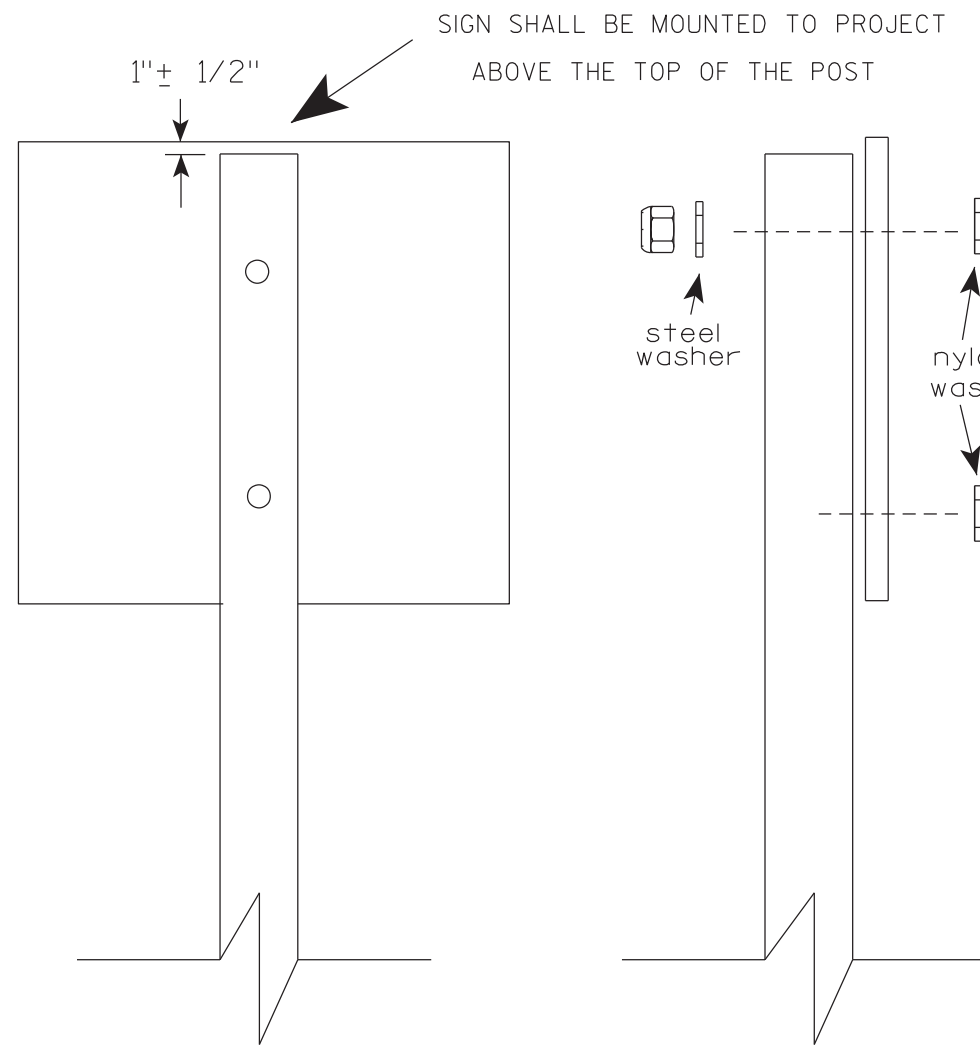
7

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON MULTI USE PATHS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 3/26/2020 PLATE NO. A4-3S.2



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

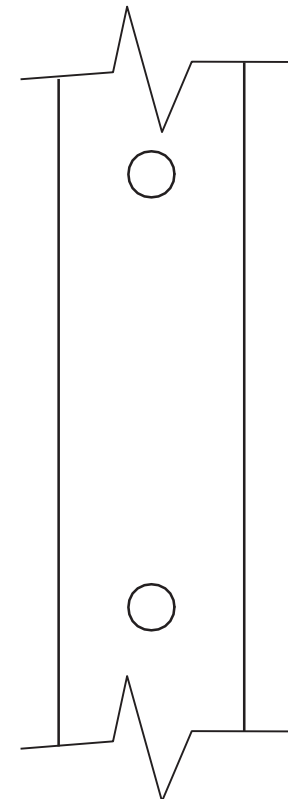
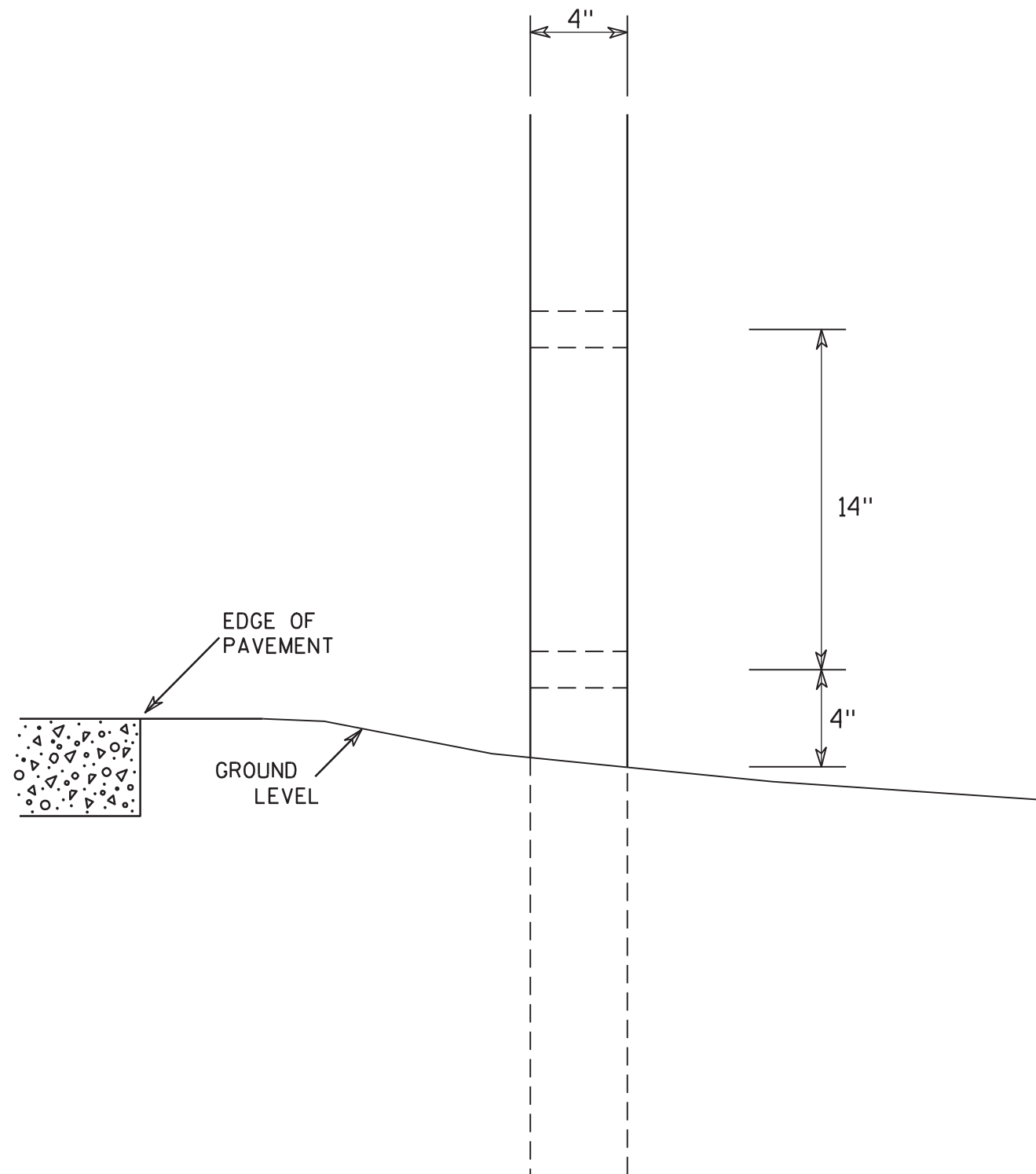
- a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3
- b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

- STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)
- MACHINE BOLTS - $\frac{5}{16}$ " X 1-3/4" Length w/ lock nuts
- WOOD POSTS (4" x 6")
- LAG SCREWS - $\frac{3}{8}$ " X 3" (NO STRINGERS ON BACK OF SIGN)
 $\frac{3}{8}$ " X 4" (STRINGERS ON BACK OF SIGN)
- SQUARE STEEL POSTS (2" x 2")
- MACHINE BOLTS - $\frac{3}{8}$ " X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
 $\frac{3}{8}$ " X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)
- RIVETS - $\frac{9}{32}$ " (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH
- WASHERS (ALL POSTS) -
- 1-1/4" O.D. X $\frac{3}{8}$ " I.D. X $\frac{1}{16}$ " STEEL
- 1-1/4" O.D. X $\frac{3}{8}$ " I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> For State Traffic Engineer
DATE 4/1/2020	PLATE NO. A4-8.9
36	
SHEET NO: 52 E	



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1 1/2" diameter holes drilled perpendicular to the roadway centerline.

4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Chester J. Spang
for State Traffic Engineer

DATE 3/27/97

PLATE NO. A4-11.2
37

PROJECT NO:

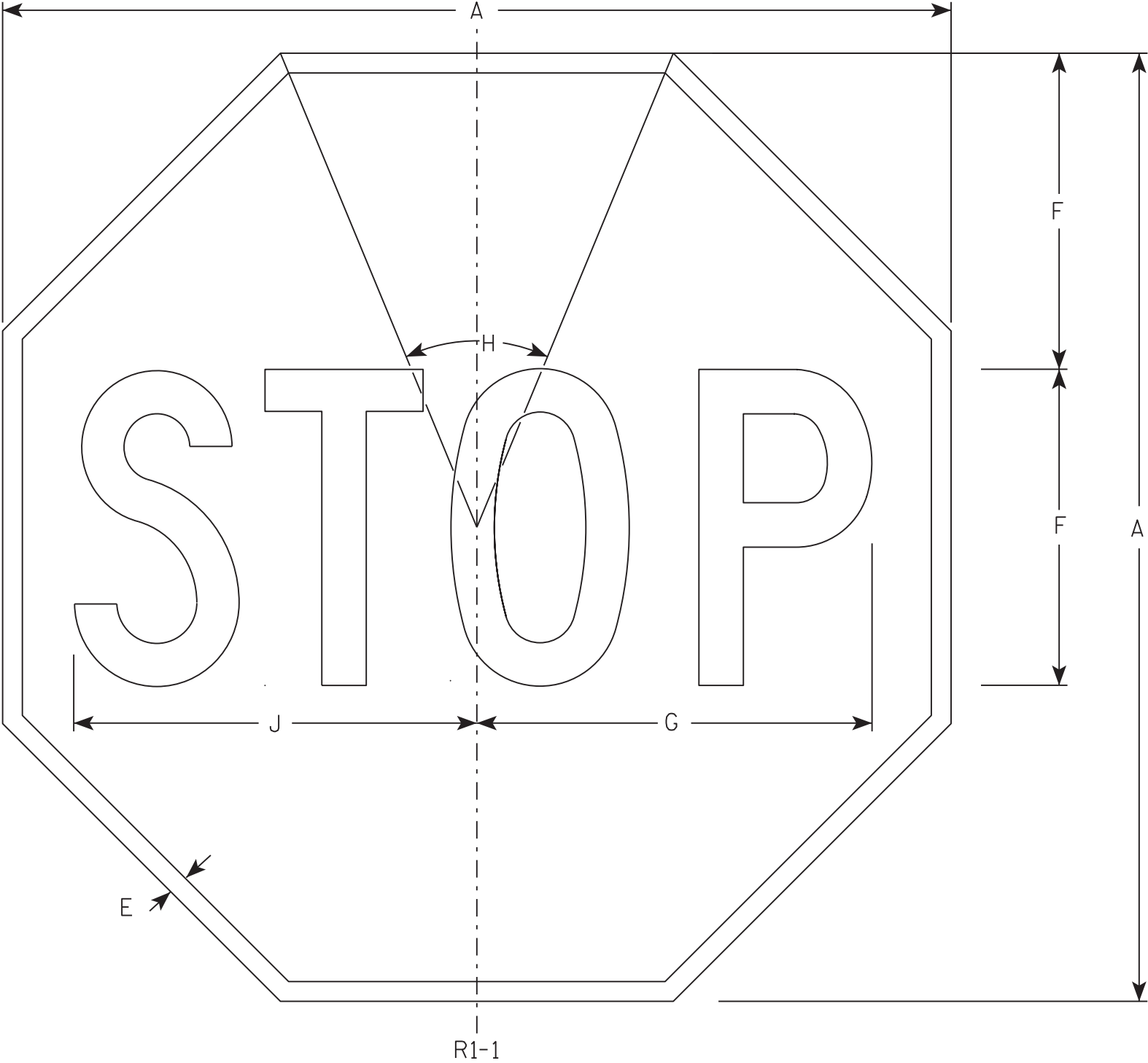
HWY:

COUNTY:

SHEET NO:

52 E

7



NOTES

- 1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:
Background - Red
Message - White
- 3. Message Series - C

7

R1-1

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

52

STANDARD SIGN

R1-1

WISCONSIN DEPT OF TRANSPORTATION

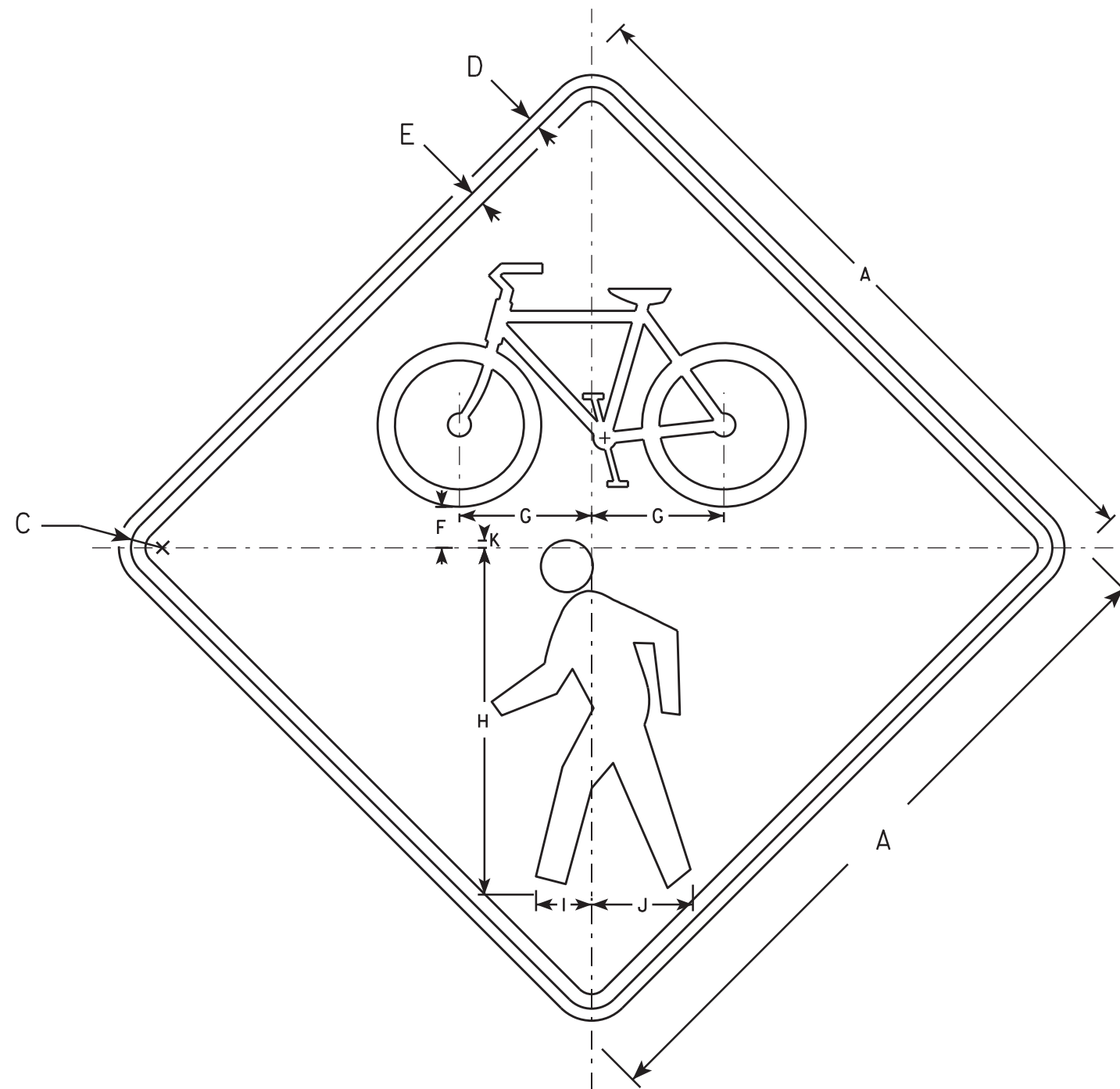
APPROVED

Matthew R. Rauch

for State Traffic Engineer

DATE 11/12/15

PLATE NO. R381.13



W11-15

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
Background - Yellow
Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	1 3/8	4 5/8	12	1 7/8	3 1/2	1/4																4.0
2S	30		1 3/8	1/2	5/8	1 3/4	5 3/4	15	2 3/8	4 3/8	3/8																6.25
2M	36		1 5/8	5/8	3/4	2 1/8	6 7/8	18	2 7/8	5 1/4	3/8																9.0
3	36		1 5/8	5/8	3/4	2 1/8	6 7/8	18	2 7/8	5 1/4	3/8																16.0
4	48		2 1/4	3/4	1	2 7/8	9 1/8	24	3 7/8	7	1/2																16.0
5																											

STANDARD SIGN W11-15

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE 2/13/14 PLATE NO. W11-15.4
39
52

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

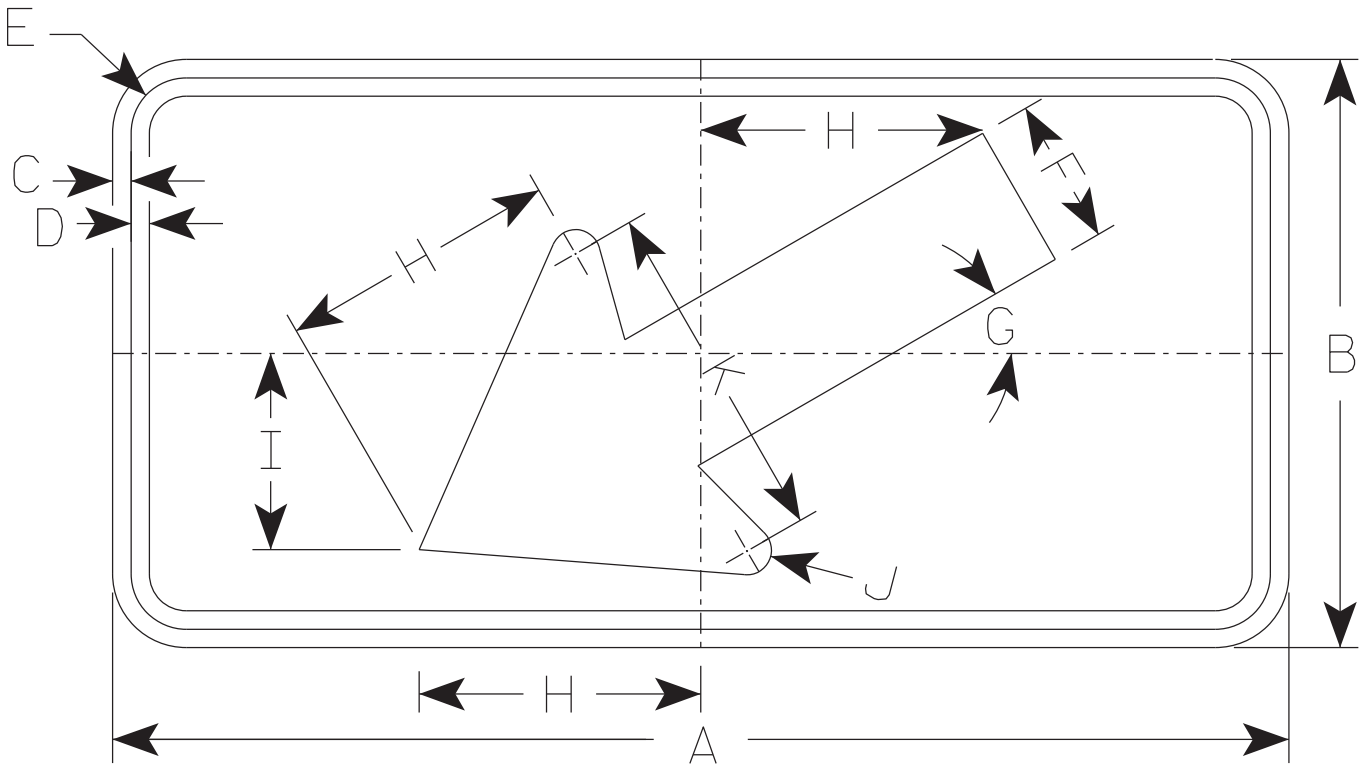
E

7

7

NOTES

- 1. Sign is Type II - Type F Reflective
- 2. Color:
Background - Yellow
Message - Black
- 3. W16-7R is the same as W16-7L
except the arrow is reversed along
the vertical centerline.



W16 - 7L

- * For 36" x 36" Warning Signs, use 30" x 18" W16-7L signs.
- * For 48" x 48" Warning Signs, use 48" x 24" W16-7L signs.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	3/8	3/8	1 1/8	3	30°	5 3/4	4	1/2	7																2.0
* 2M	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
* 3	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
* 4	48	24	1/2	5/8	1 3/8	6	30°	11 1/2	8	1	14																8.0
5																											

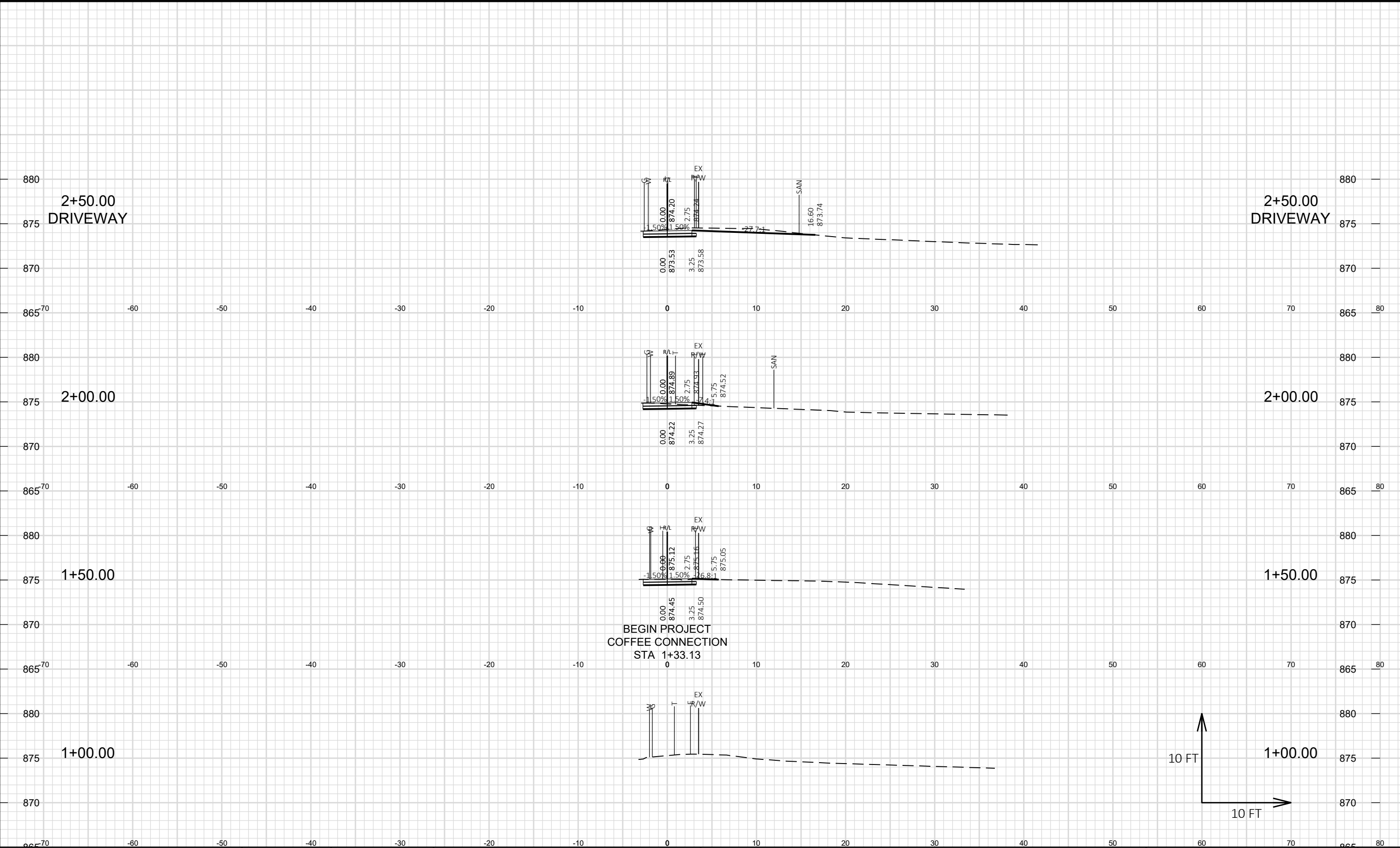
STANDARD SIGN

W16 - 7

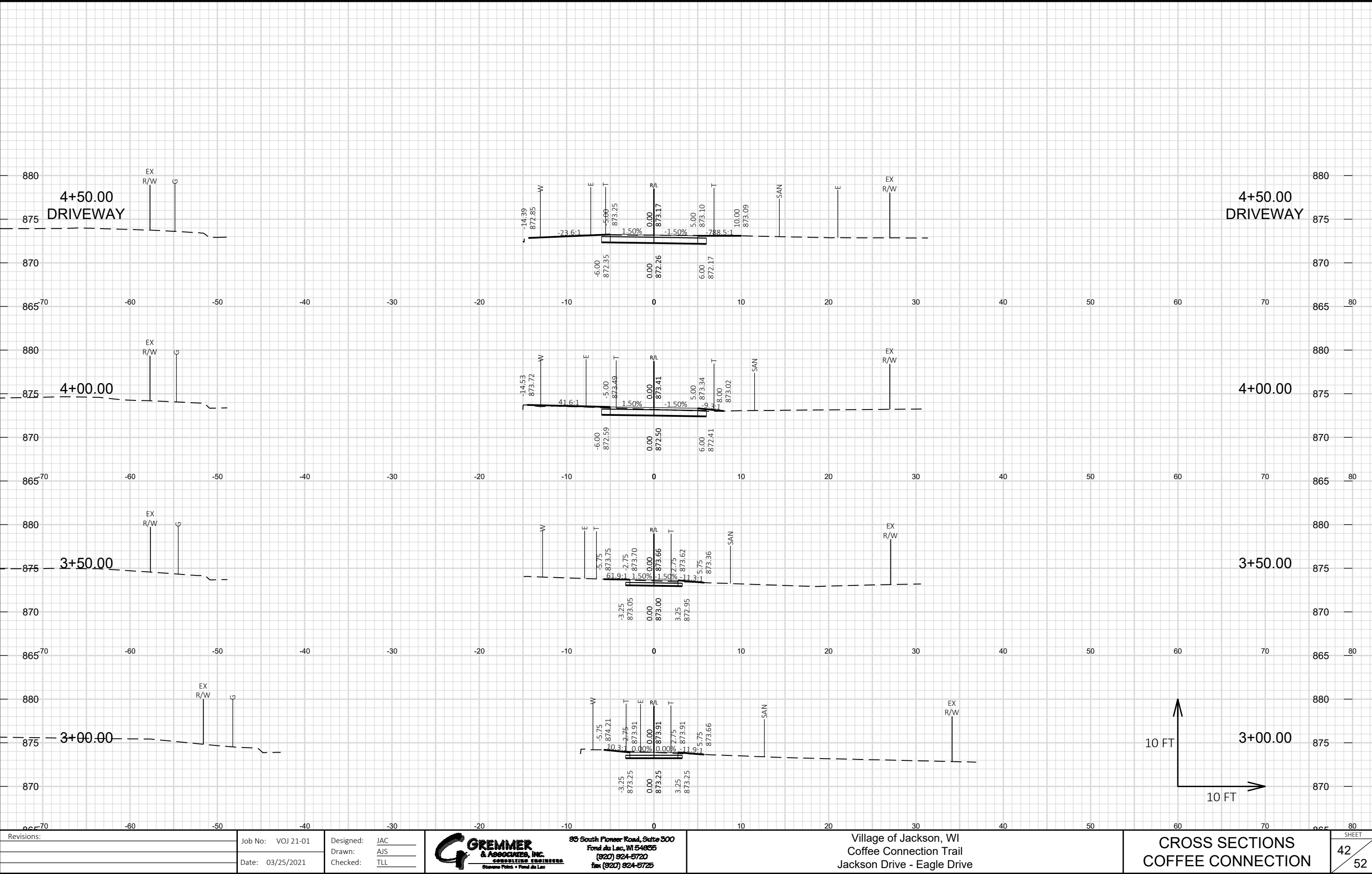
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

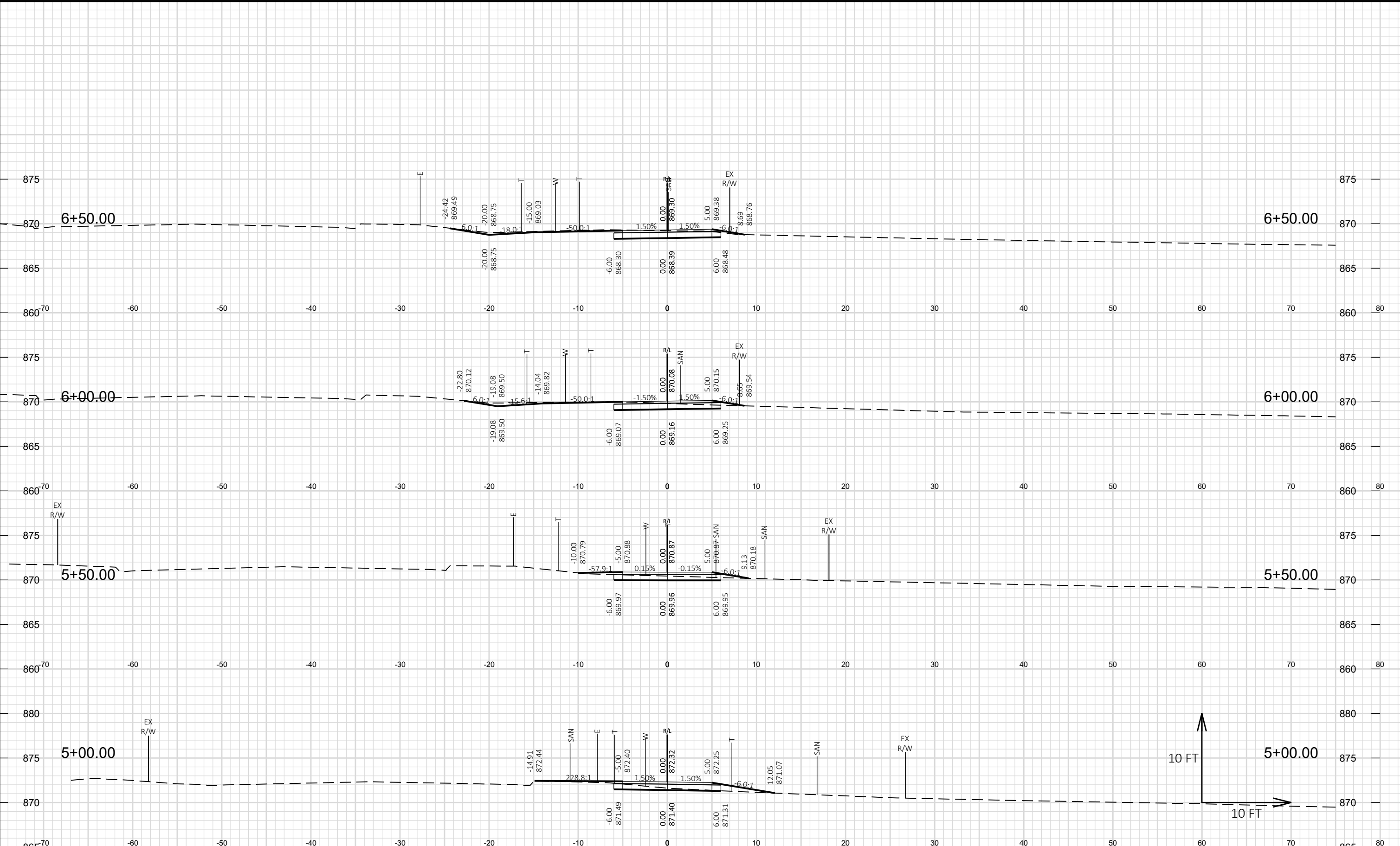
DATE 2/25/2020 PLATE NO. W16-7.7



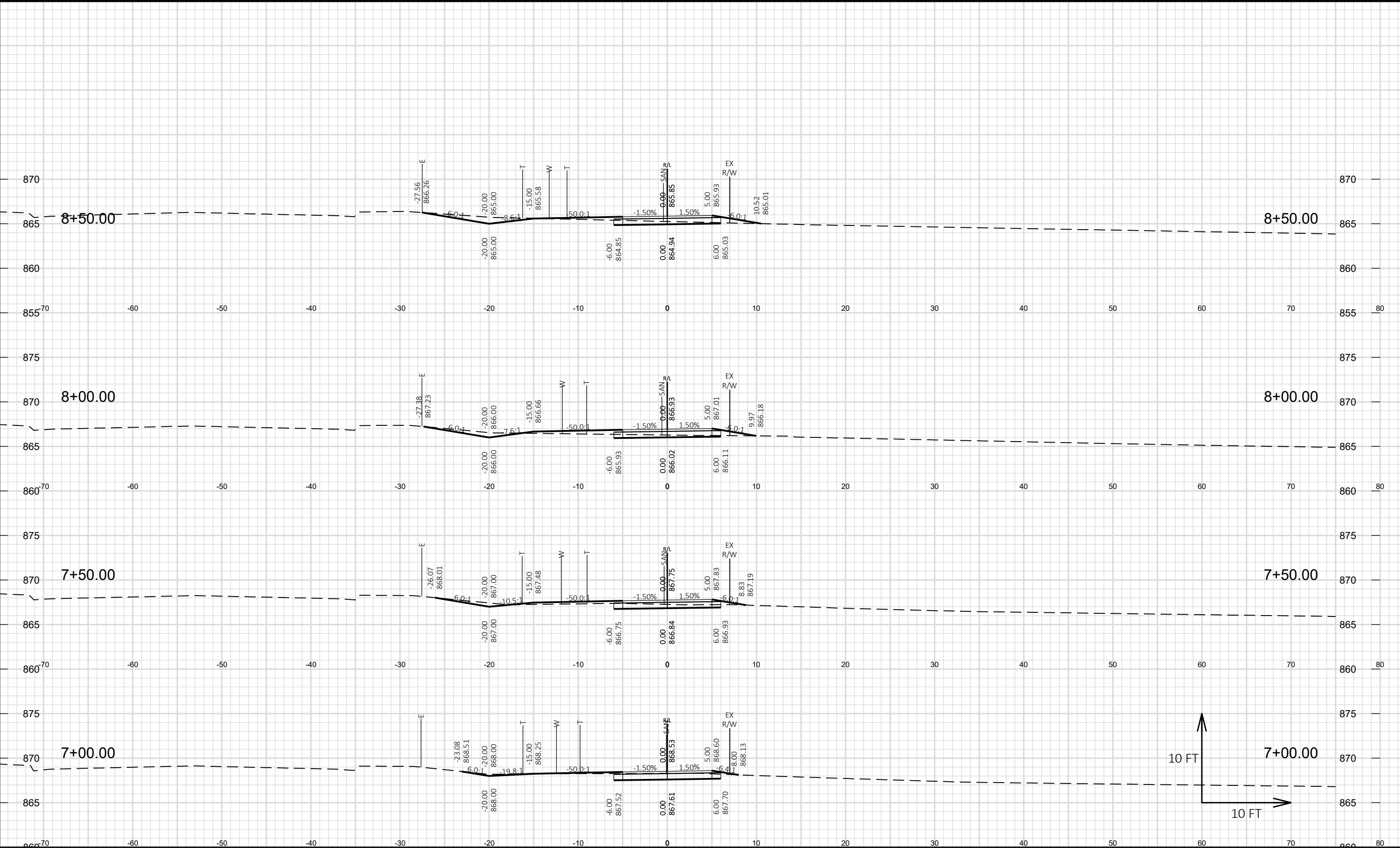
Revisions:	Job No: VOJ 21-01	Designed: JAC	 GREMMER & ASSOCIATES, INC. CONSULTING ENGINEERS Sturgeon Point • Fond du Lac	93 South Pioneer Road, Suite 300 Fond du Lac, WI 54806 (920) 924-5720 Fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	CROSS SECTIONS COFFEE CONNECTION	SHEET
	Date: 03/25/2021	Drawn: AUS					41
		Checked: TLL					52



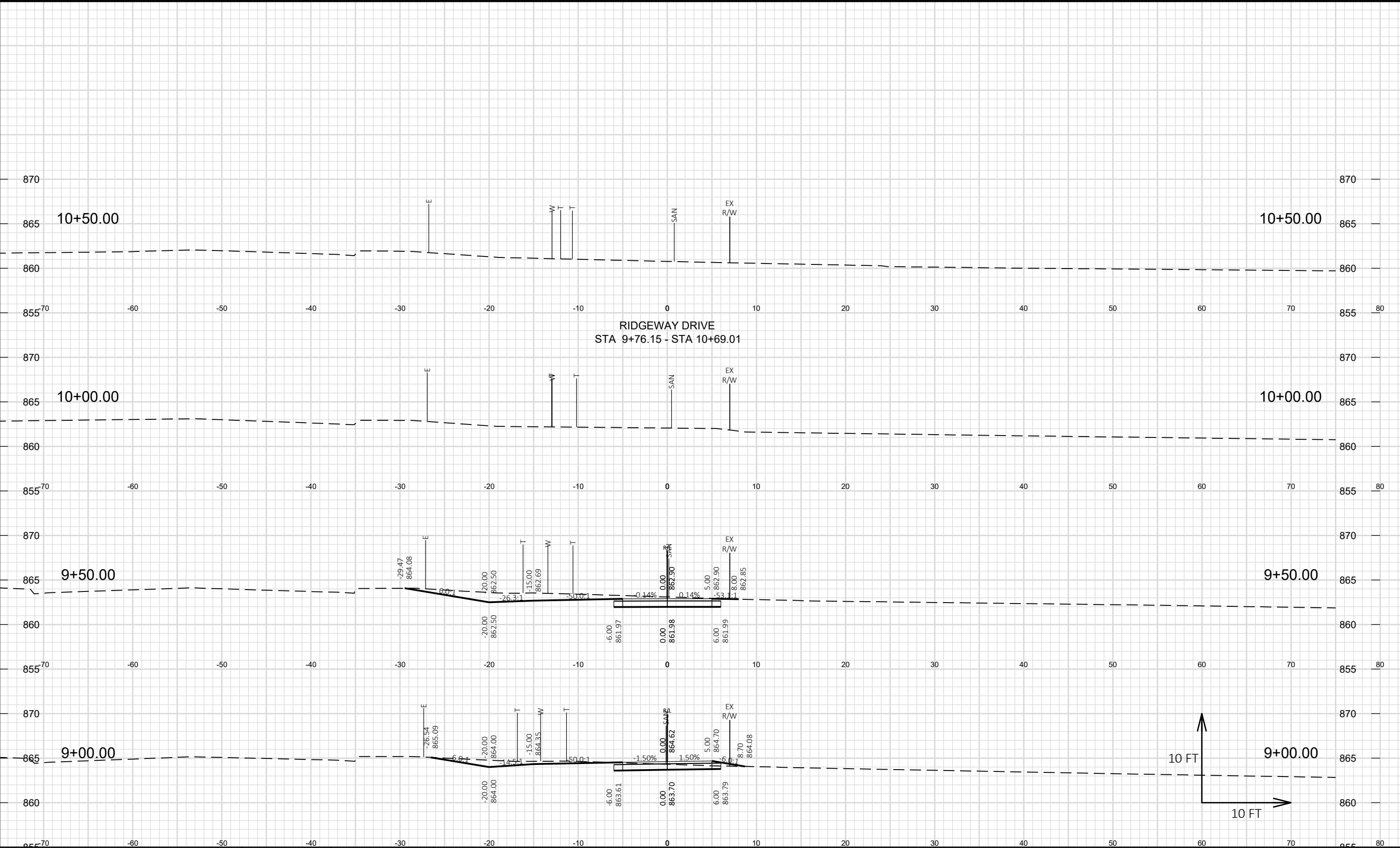
Revisions:	Job No: VOJ 21-01	Designed: JAC	 GREMMER & ASSOCIATES, INC. CONSULTING ENGINEERS Sturgeon Point • Fond du Lac	95 South Pioneer Road, Suite 300 Fond du Lac, WI 54806 (920) 924-5720 Fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	CROSS SECTIONS COFFEE CONNECTION	SHEET 42 52
	Date: 03/25/2021	Drawn: AJS					
		Checked: TLL					



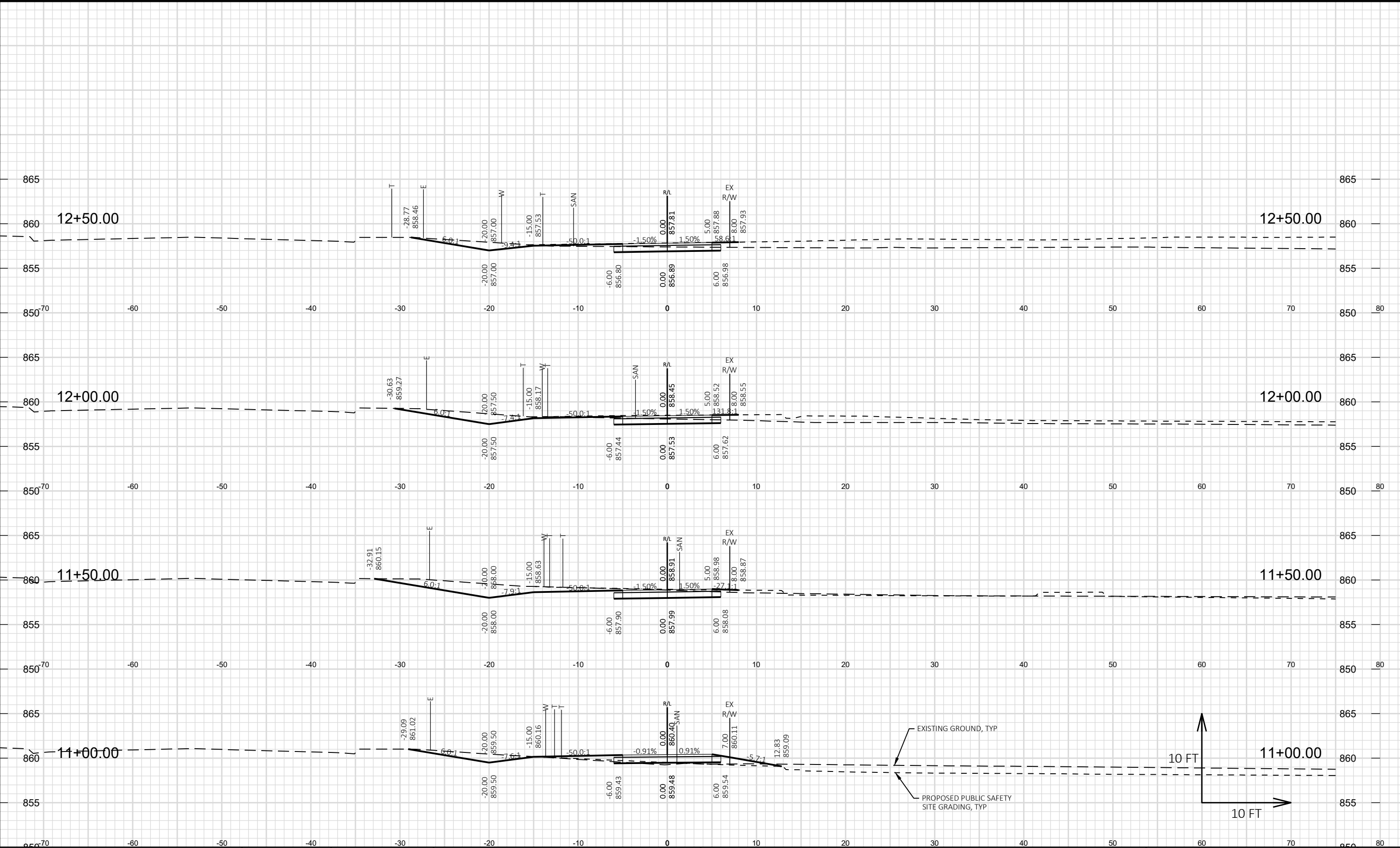
Revisions:	Job No: VOJ 21-01	Designed: JAC	 GREMMER & ASSOCIATES, INC. CONSULTING ENGINEERS Sturgeon Point • Fond du Lac	93 South Pioneer Road, Suite 300 Fond du Lac, WI 54855 (920) 924-5720 Fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	CROSS SECTIONS COFFEE CONNECTION	SHEET 43 52
	Date: 03/25/2021	Drawn: AIS					



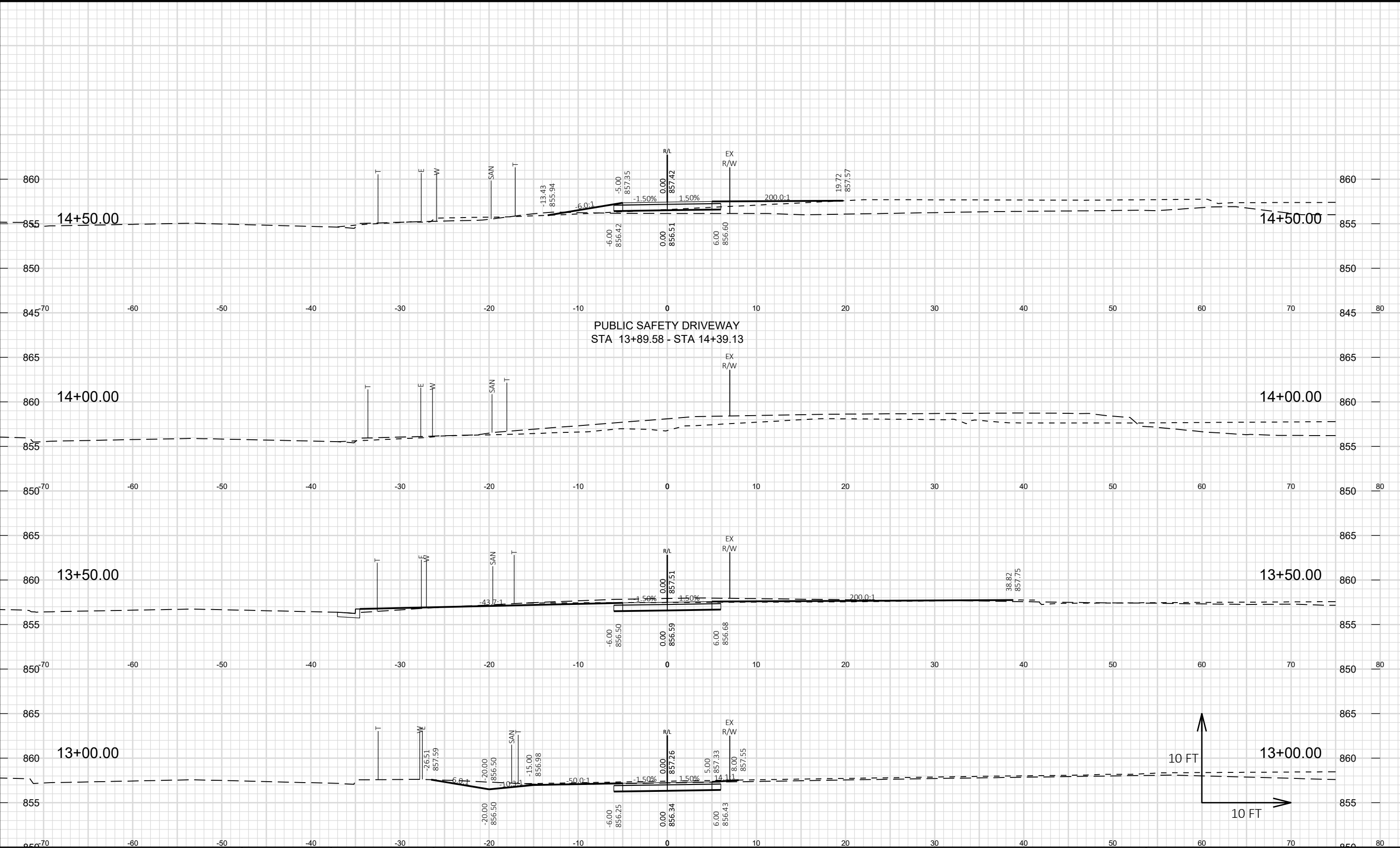
Revisions:	Job No: VOJ 21-01	Designed: JAC	 93 South Pioneer Road, Suite 300 Fond du Lac, WI 54806 (920) 924-5720 Fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	CROSS SECTIONS COFFEE CONNECTION	SHEET
	Date: 03/25/2021	Drawn: AUS				44
		Checked: TLL				52



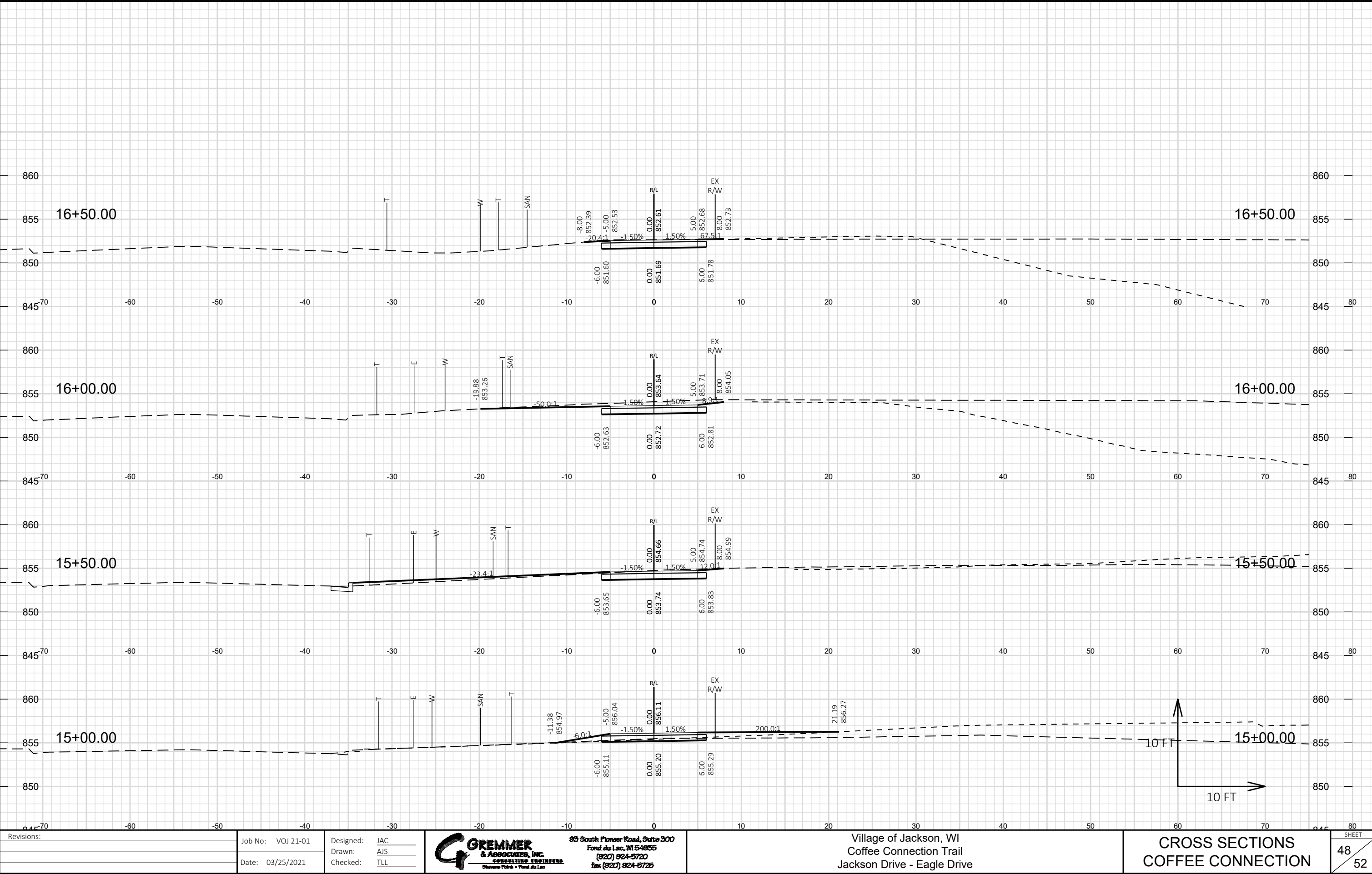
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	Date: 03/25/2021	Drawn: AIS					
		Checked: TLL					



Revisions:	Job No: VOJ 21-01	Designed: JAC	 95 South Pioneer Road, Suite 300 Fond du Lac, WI 54806 (920) 924-5720 fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	CROSS SECTIONS COFFEE CONNECTION	SHEET
	Drawn: AUS	Checked: TLL				46
	Date: 03/25/2021					52



Revisions:	Job No: VOJ 21-01	Designed: JAC	 GREMMER & ASSOCIATES, INC. CONSULTING ENGINEERS Sturgeon Point • Fond du Lac	93 South Pioneer Road, Suite 300 Fond du Lac, WI 54806 (920) 924-5720 Fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	CROSS SECTIONS COFFEE CONNECTION	SHEET 47 52
	Date: 03/25/2021	Drawn: AJS					
		Checked: TLL					



Revisions:

Job No:	VOJ 21-01
Date:	03/25/2021

Designed:	JAC
Drawn:	AJS
Checked:	TLL

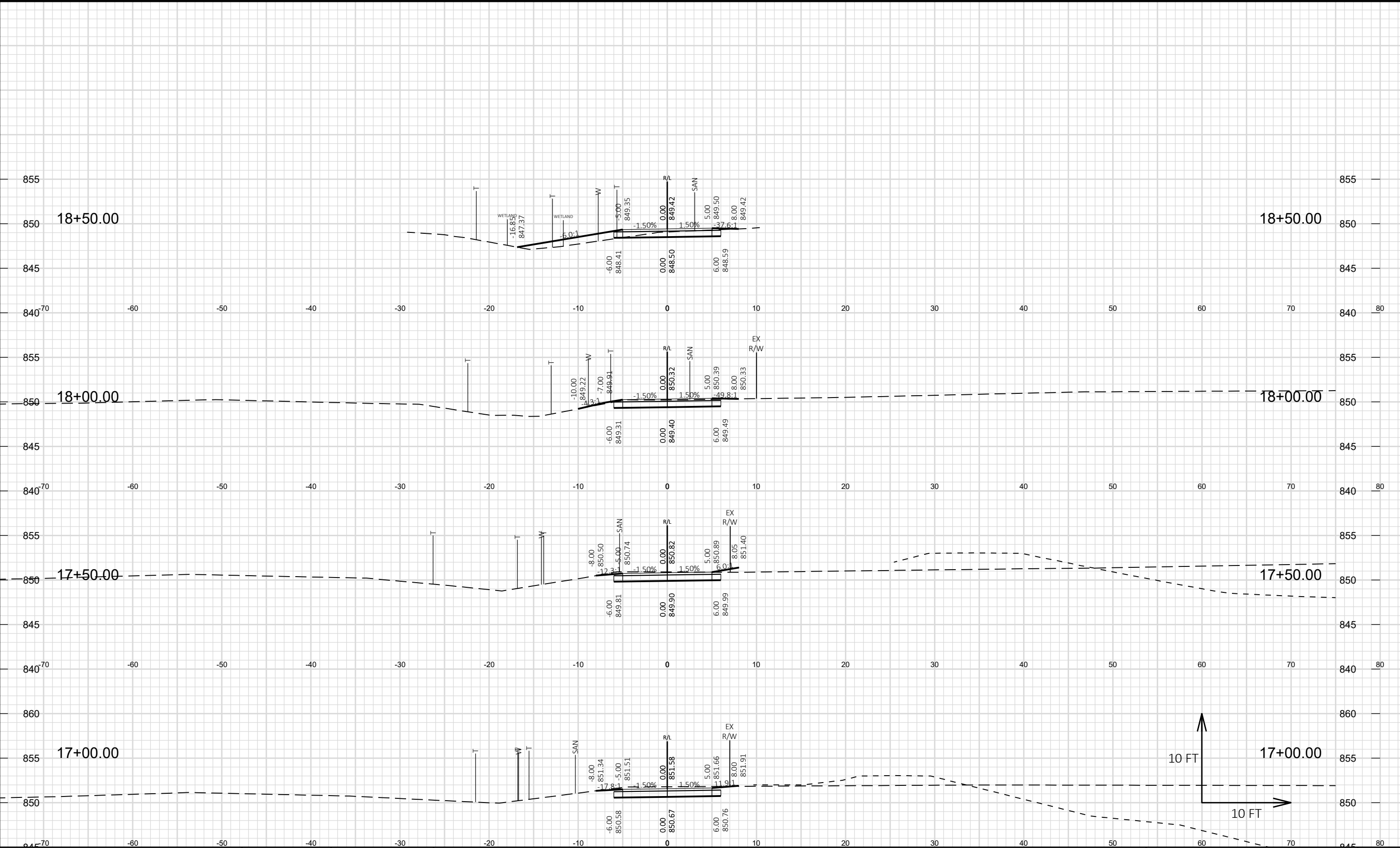


GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Sturgeon Point • Fond du Lac

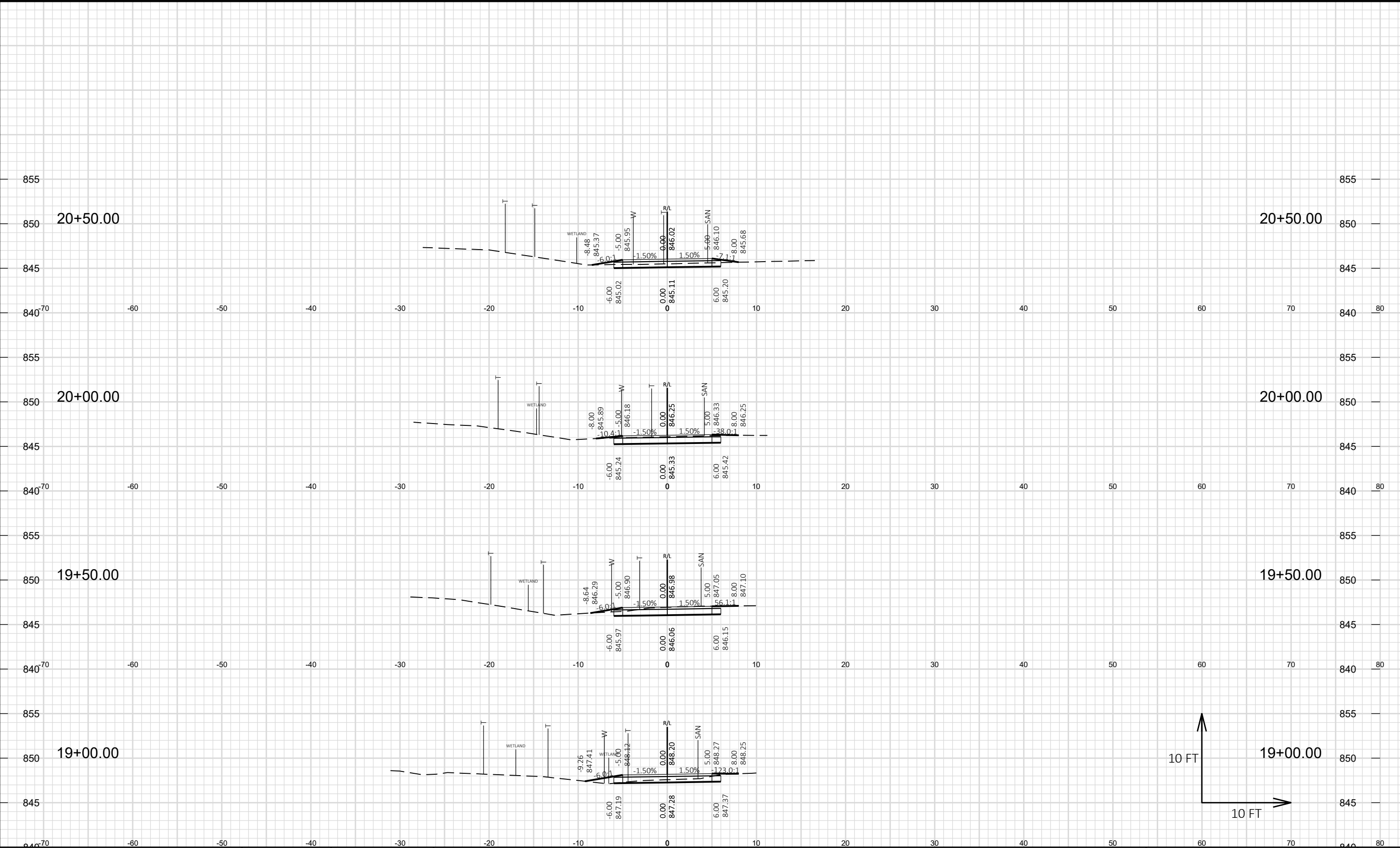
95 South Pioneer Road, Suite 300
Fond du Lac, WI 54806
(920) 924-5720
Fax (920) 924-5725

Village of Jackson, WI
Coffee Connection Trail
Jackson Drive - Eagle Drive

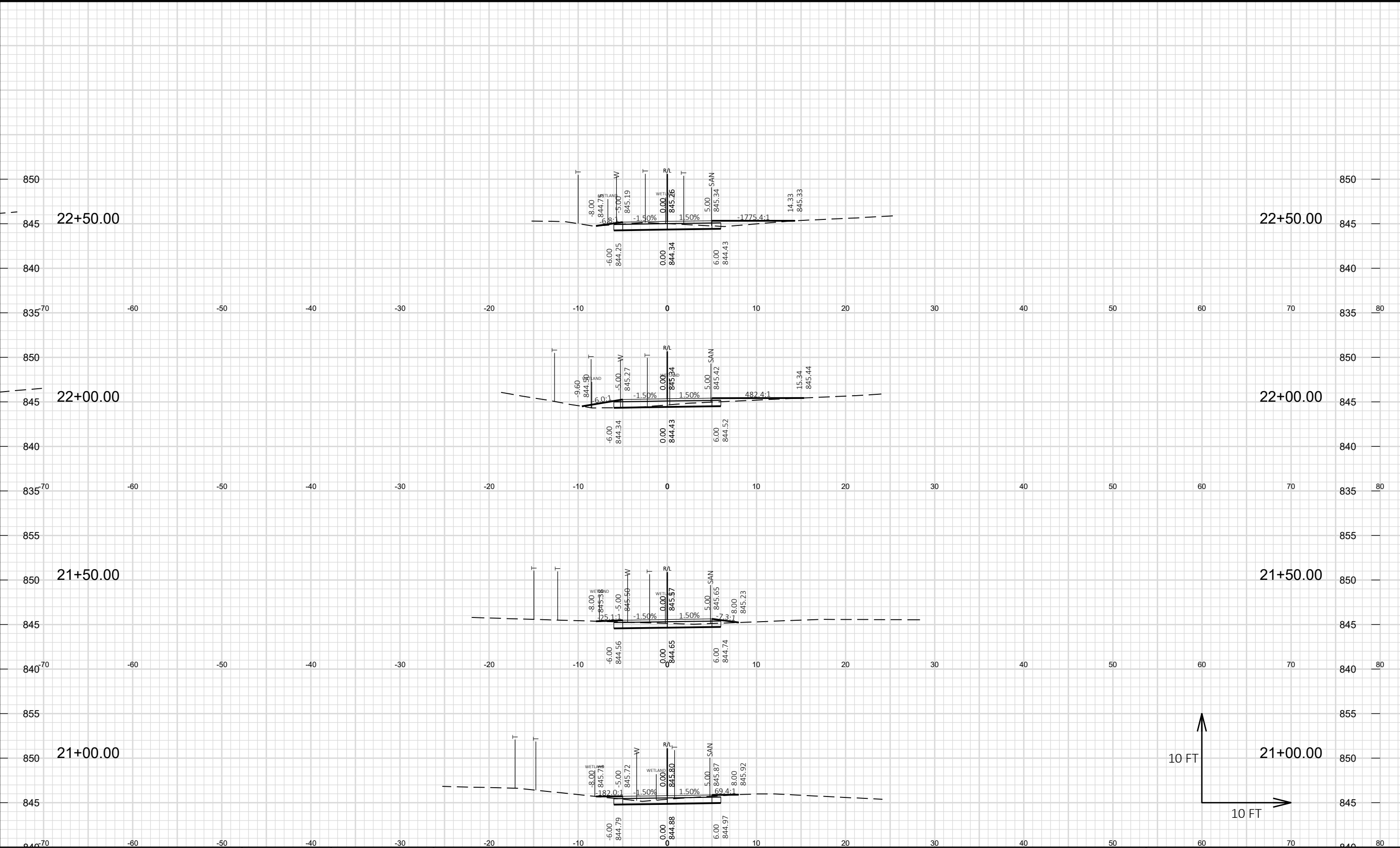
CROSS SECTIONS
COFFEE CONNECTION



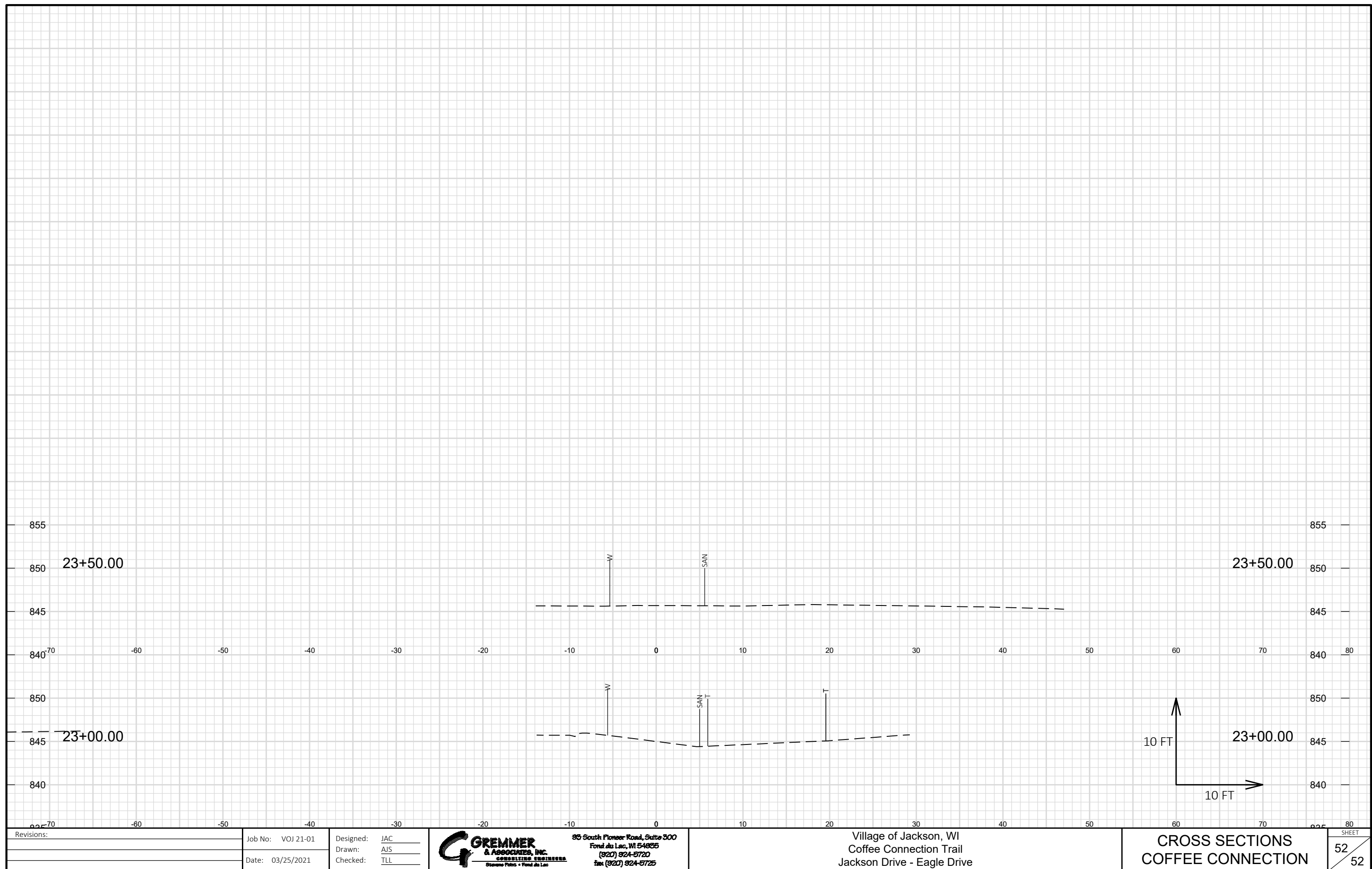
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		Checked: TLL					



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	Date: 03/25/2021	Drawn: AJS					
		Checked: TLL					



Revisions:	Job No: VOJ 21-01	Designed: JAC	 95 South Pioneer Road, Suite 300 Fond du Lac, WI 54806 (920) 924-5720 Fax (920) 924-5725	Village of Jackson, WI Coffee Connection Trail Jackson Drive - Eagle Drive	CROSS SECTIONS COFFEE CONNECTION	SHEET 51 52
	Date: 03/25/2021	Drawn: AJS				
		Checked: TLL				



Public Works Report

April 27, 2021

Treatment Plant - Designed Capacity – 1.67 million gallons per day
 Peak Flow Capacity – 6.0 million gallons per day

Year 2019

January	Avg. Flow 1.270 MGD	Min. Flow 900,000 g.p.d.	Max. 2.660 MGD
February	Avg. Flow 1.229 MGD	Min. Flow 850,000 g.p.d.	Max. 1.980 MGD
March	Avg. Flow 1.379 MGD	Min. Flow 910,000 g.p.d.	Max. 2.790 MGD
April	Avg. Flow 1.483 MGD	Min. Flow 1.020 MGD	Max. 2.660 MGD
May	Avg. Flow 1.542 MGD	Min. Flow 1.320 MGD	Max. 1.960 MGD
June	Avg. Flow 2.144 MGD	Min. Flow 1.300 MGD	Max. 2.700 MGD
July	Avg. Flow 1.251 MGD	Min. Flow 970,000 g.p.d.	Max. 1.850 MGD
August	Avg. Flow 1.098 MGD	Min. Flow 830,000 g.p.d.	Max. 1.470 MGD
September	Avg. Flow 1.253 MGD	Min. Flow 800,000 g.p.d.	Max. 2.050 MGD
October	Avg. Flow 1.699 MGD	Min. Flow 1.060 MGD	Max. 4.010 MGD
November	Avg. Flow 1.499 MGD	Min. Flow 1.14 MGD	Max. 2.26 MGD
December	Avg. Flow 1.372 MGD	Min. Flow 910,000 g.p.d.	Max. 2.14 MGD

Year 2020

January	Avg. Flow 1.280 MGD	Min. Flow 1.055 MGD	Max. 1.720 MGD
February	Avg. Flow 1.221 MGD	Min. Flow 1.000 MGD	Max. 1.630 MGD
March	Avg. Flow 1.581 MGD	Min. Flow 1.010 MGD	Max. 2.290 MGD
April	Avg. Flow 1.283 MGD	Min. Flow 940,000 g.p.d.	Max. 2.210 MGD
May	Avg. Flow 1.607 MGD	Min. Flow 1.010 MGD	Max. 4.090 MGD
June	Avg. Flow 1.178 MGD	Min. Flow 980,000 g.p.d.	Max. 1.510 MGD
July	Avg. Flow 1.269 MGD	Min. Flow 800,000 g.p.d.	Max. 2.370 MGD
August	Avg. Flow 1.042 MGD	Min. Flow 760,000 g.p.d.	Max. 1.510 MGD
September	Avg. Flow 1.148 MGD	Min. Flow 810,000 g.p.d.	Max. 1.850 MGD
October	Avg. Flow 1.172 MGD	Min. Flow 870,000 g.p.d.	Max. 2.210 MGD
November	Avg. Flow 1.122 MGD	Min. Flow 860,000 g.p.d.	Max. 1.770 MGD
December	Avg. Flow 1.164 MGD	Min. Flow 940,000 g.p.d.	Max. 1.480 MGD

Year 2021

January	Avg. Flow 1.075 MGD	Min. Flow 880,000 g.p.d.	Max. 1.460 MGD
February	Avg. Flow 1.015 MGD	Min. Flow 830,000 g.p.d.	Max. 1.590 MGD
March	Avg. Flow 1.525 MGD	Min. Flow 1.160 MGD	Max. 1.970 MGD

Years Summary of Water Consumption

2006 Total Pumpage 207,719,000 gallons	2007 Total Pumpage 217,224,000 gallons
2008 Total Pumpage 229,613,000 gallons	2009 Total Pumpage 231,160,000 gallons
2010 Total Pumpage 239,326,000 gallons	2011 Total Pumpage 240,268,000 gallons
2012 Total Pumpage 253,492,000 gallons	2013 Total Pumpage 228,371,000 gallons
2014 Total Pumpage 230,973,000 gallons	2015 Total Pumpage 222,621,000 gallons
2016 Total Pumpage 254,531,000 gallons	2017 Total Pumpage 251,387,000 gallons
2018 Total Pumpage 241,322,000 gallons	2019 Total Pumpage 253,427,000 gallons
2020 Total Pumpage 259,413,000 gallons	

Year 2019

Jan.	Avg.	638,230 g.p.d.	Highest Day 791,000 gals.	Total	19,785,000 gallons
Feb.	Avg.	605,820 g.p.d.	Highest Day 758,000 gals.	Total	16,963,000 gallons
March	Avg.	616,230 g.p.d.	Highest Day 946,000 gals.	Total	19,103,000 gallons
April	Avg.	697,800 g.p.d.	Highest Day 1.112 MGD	Total	20,934,000 gallons
May	Avg.	707,810 g.p.d.	Highest Day 889,000 gals.	Total	21,942,000 gallons
June	Avg.	766,200 g.p.d.	Highest Day 969,000 gals.	Total	22,986,000 gallons
July	Avg.	843,710 g.p.d.	Highest Day 1.174 MGD	Total	26,155,000 gallons
August	Avg.	747,230 g.p.d.	Highest Day 1.061 MGD	Total	23,164,000 gallons
Sept	Avg.	689,300 g.p.d.	Highest Day 830,000 gals.	Total	20,679,790 gallons
Oct.	Avg.	696,520 g.p.d.	Highest Day 1.116 MGD	Total	21,592,000 gallons
Nov.	Avg.	643,970 g.p.d.	Highest Day 830,000 gals.	Total	19,319,000 gallons
Dec.	Avg.	671,100 g.p.d.	Highest Day 875,000 gals.	Total	20,805,000 gallons

Year 2020

Jan.	Avg.	662,650 g.p.d.	Highest Day 769,000 gals.	Total	20,542,000 gallons
Feb	Avg.	682,280 g.p.d.	Highest Day 886,000 gals.	Total	19,786,000 gallons
March	Avg.	702,030 g.p.d.	Highest Day 837,000 gals.	Total	21,763,000 gallons
April	Avg.	731,070 g.p.d.	Highest Day 1.153 MGD	Total	21,932,000 gallons
May	Avg.	691,030 g.p.d.	Highest Day 915,000 gals.	Total	21,422,000 gallons
June	Avg.	806,030 g.p.d.	Highest Day 1.057 MGD	Total	24,181,000 gallons
July	Avg.	841,970 g.p.d.	Highest Day 1.431 MGD	Total	26,101,000 gallons
August	Avg.	878,710 g.p.d.	Highest Day 1.437 MGD	Total	27,240,000 gallons
Sept	Avg.	696,370 g.p.d.	Highest Day 1.058 MGD	Total	20,891,000 gallons
October	Avg.	677,160 g.p.d.	Highest Day 963,000 gals.	Total	20,992,000 gallons
Nov	Avg.	567,100 g.p.d.	Highest Day 850,000 gals.	Total	17,013,000 gallons
Dec	Avg.	566,130 g.p.d.	Highest Day 815,000 gals.	Total	17,550,000 gallons

Year 2021

Jan.	Avg.	565,650 g.p.d.	Highest Day 789,000 gals.	Total	17,535,000 gallons
Feb	Avg.	517,650 g.p.d.	Highest Day 913,000 gals.	Total	16,047,000 gallons
March	Avg.	583,770 g.p.d.	Highest Day 1.303 MGD	Total	18,097,000 gallons

Pump Capacity - Well #1- 400 g.p.m. Well #3 -900 g.p.m. Well #4 - 1200 g.p.m. Well #5 – 1,100 g.p.m. Well #6 – 800 g.p.m.

WWTP – Holding & Septage Receiving

2005	\$ 87,562.01	2006	\$101,115.11	2007	\$152,201.07	2008	\$210,441.47
2009	\$183,815.34	2010	\$197,653.66	2011	\$220,576.28	2012	\$236,224.70
2013	\$235,336.46	2014	\$203,938.32	2015	\$210,644.47	2016	\$220,473.17
2017	\$232,358.23	2018	\$245,767.74	2019	\$219,822.80	2020	\$204,656.11

2019	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
January	1,230,000			2,000	77,700	\$11,872.50
Feb	1,432,250			1,000	70,100	\$13,255.50
March	1,614,450			11,750	161,800	\$17,489.35
April	1,485,950			48,700	335,350	\$22,462.85
May	1,589,200			27,600	349,400	\$22,690.60
June	1,338,900			36,950	243,400	\$18,458.95
July	1,504,450			17,000	302,900	\$20,373.10
August	1,599,950			27,800	293,200	\$21,380.60
September	1,405,900			14,000	217,450	\$17,313.45
October	1,517,950			19,500	335,900	\$21,418.60
November	1,265,950			11,500	256,950	\$17,071.10
December	1,647,650			6,500	102,500	\$16,036.20

2020	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
January	1,426,900				71,000	\$11,872.50
February	1,310,500			2,250	88,500	\$12,786.50
March	1,471,600	900		5,000	173,650	\$16,429.05
April	1,263,950			29,000	326,170	\$19,570.85
May	1,168,670			4,450	308,250	\$17,255.86
June	1,253,900			9,900	196,550	\$15,390.45
July	1,459,700			16,450	212,650	\$17,734.10
August	1,148,750			4,250	168,530	\$13,594.50
September	1,276,950			22,700	299,450	\$18,723.35
October	1,372,200	2,200		39,750	456,000	\$24,386.35
November	1,231,850			33,650	301,700	\$18,911.55
December	1,489,450			16,950	160,200	\$16,683.35

2021	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
January	1,284,600			6,650	77,250	\$12,507.30
February	1,386,475			3,000	44,450	\$12,338.05
March						

Rosewood Drive/TIF Expansion Project

The streetlights have been completed and working. This is the last report of the project.

CTH P and STH 60 Intersection Project and old Park-n-Lot Property

Ownership has been determined to be WisDOT. An appraisal was completed by WisDOT, and the Village of Jackson is preparing a reply for the purchase of land. Virtual meeting has been canceled and being rescheduled. WisDOT is using the area for a job trailer location during the STH 45 resurfacing project this year.

Jackson Park Alley Project

We are finalizing the numbers to close out the project. May 2021 meeting will have the final pay request.

Morning Meadows Subdivision

The Phase 2 has started with most of the sanitary installed. The underground contractor left the project for other work. The project is scheduled to start backup in May 2021.

Trilogy Consulting - Study / Impact Fees

We are working on collection the necessary items for the study. The Park and Open Space Plan, and the bids from the new Police and Fire Building portion are items necessary for the impact fee study.

Jackson Municipal Complex

On schedule for a September 2021 completion. Hopefully, a final decision will be made for the phone system at this meeting.

Chateau Dr/Hickory Lane Reconstruction Project

At this meeting we will discuss the closing of the project.

Spruce Street/Ridgeway Drive Extension Project

We are working with WisDOT for the permits to access STH 60 for Ridgeway Drive. The project will be completed in 2021. We are waiting for response back from WisDOT.

Hunters Road Reconstruction Project and Highland Road Storm Sewer Project

The Village owned streetlights have been installed. We-Energies is scheduling the removal of the existing poles. Landscaping and punch list items will be addressed next month. The final special assessments have been finalized for a public hearing. Contractor is scheduled to come back in May 2021.

Willow Ridge Drive Reconstruction Project

The informal information meeting was held before the April PW meeting. The final design will be developed in April 2021 and bid out in May 2021 with a possible project start date mid-June 2021.

Coffee Connection Trail Project

The final design will be developed in April 2021 and bid out in May 2021 with a possible project start date mid-June 2021.

Respectfully submitted, Brian W. Kober, P.E.