



**Public Works and Safety Committee Meeting Agenda**  
**Village Board Room**  
**235 Hickory Street, Pewaukee, WI 53072**  
September 3, 2024 – 4:30 P.M.

1. Call to Order
2. Approval of Minutes of the February 6, 2024, meeting
3. Citizen Comments
4. Old Business - None.
5. New Business
  - a. Review and Discussion on Contract for 2024 Pavement Crack-filling
  - b. Review and Discussion on 2024 Road and Utility Improvements
  - c. Review and Discussion on Lake Weed Removal Continuance
  - d. Discussion and Possible Action on Well 7 Site Selection
  - e. Discussion and Possible Action on 1307 Chesterwood Sidewalk Replacement and Reimbursement Request
  - f. Discussion on 219 Park St. Storm Sewer Collapse
  - g. Discussion on maintenance of driveway approaches
  - h. Discussion on Parking Signage on Lake St and Orchard Ave
  - i. Discussion on 2025 Street Projects
6. Adjournment

Note: It is possible that members and/or possibly a quorum of members of other governmental bodies of the municipality may be in attendance at the above-stated meeting to gather information; action will not be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in the notice. Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. To request such assistance, contact the Village Clerk at 262-691-5660.

Posted: August 28, 2024

**Village of Pewaukee  
Public Works and Safety Committee Meeting Minutes  
February 6, 2024**

**1. Call to Order**

Meeting called to order at approximately 4:30 pm by Clerk Smith inviting participation in the Pledge of Allegiance.

Members present: Laurin Miller, Trustee Krasovich, Trustee Grabowski, Nick Wellenstein, Patrick Wunsch, Ed Hill, and Mark Grabowski

Members absent: None.

Also Present: Administrator Scott Gosse, Director Dave Buechl, and Clerk Casandra Smith

**2. Minutes of October 3, 2023, meeting**

**Member Krasovich moved, seconded by Member Wunch to approve the October 3, 2023, Minutes of the Regular Village Board meeting with edit.**

**Motion passed unanimously.**

**3. Citizen Comments –**

The Commission allowed the below citizen to speak at 5:10 p.m.

**Dan Deneen @ 412 Sunset – Mr. Deneen spoke regarding who is responsible for the retention pond at Riverside Preserve and what measures are required so that it doesn't become a stinky mess.**

**4. Old Business**

**a. Review and Discussion/Possible Action on Prospect Avenue/School District Area Sign Evaluation Results.**

Director Buechl gave an overview of the signage area around the School District. In 2021 a traffic engineer was hired to conduct a study on signs resulting in recommendations which are included in the packet. Some updates have started. A meeting with the School District indicated that they were not comfortable agreeing to pay for the signs at this point but would look into this topic at a later date. Director Buechl recommended replacing the signs. Discussion regarding costs and sign placement continued.

**Trustee Krasovich moved, seconded by Member Hill to replace sixteen signs according to the layout as provided in the agenda packet.**

**Motion passed unanimously.**

**5. New Business**

**a. Discussion Regarding Use of Fluoride in Water Supply**

Trustee Hill gave some background on the use of fluoride and the harmful effects of fluoride. Fluoride is not mandated by the DNR etc. Trustee Krasovich reviewed several health experts who support the use of fluoride. Discussion continued regarding the use of fluoride in the Village's water supply and the consensus was to continue fluoride treatment in the water supply until data proves otherwise.

**b. Discussion and Direction Regarding Use of Speed Humps for Traffic/Speed Control on Lake Street, School Street and Prospect Avenue**

Trustee Hill explained that in addition to the traffic control signs by the school district he believes these streets are heavily used and he believes the area is not very enforced. The speed humps downtown have proved effective and should be considered around the School District.

**Village of Pewaukee  
Public Works and Safety Committee Meeting Minutes  
February 6, 2024**

Hill referenced other communities around the area that have used speed humps to slow traffic. Discussion regarding the use of speed humps and the police enforcement of the area continued.

**Member Hill moved, seconded by Member Miller to table item 5b until after new signage is placed and additional Police presence is enhanced.**

**Motion passed unanimously.**

**c. Discussion Regarding Riverside Preserve Stormwater Pond Maintenance**

Maintenance of the pond is the responsibility of the Homeowners Association as listed in the storm water maintenance agreement. Administrator Gosse stated that the Stormwater Pond maintenance contract allows Village to perform the maintenance and charge the homeowners within the association if they do not perform the required maintenance.

**6. Adjournment**

**Member Grabowski moved, seconded by Member Wunch to adjourn the February 6, 2024, Public Works and Safety meeting at approximately 5:18 pm.**

**Motion passed unanimously.**

Respectfully Submitted,

Cassandra Smith  
Village Clerk



**PUBLIC WORKS DEPARTMENT**  
**1000 Hickory Street**  
**Pewaukee, WI 53072**

To: Jeff Knutson, President  
Public Works and Safety Committee  
Village Board Members  
CC: Matt Heiser, Village Administrator  
From: David Buechl, P.E., P.L.S, Director of Public Works/Village Engineer  
Date: August 28, 2024  
Re: Committee Agenda item 5(a) Discussion and possible action on Pavement Crack-filling Project  
Board Agenda item 8(d) Discussion and possible action on Pavement Crack-filling Project

### **BACKGROUND**

This year's Pavement Crack-filling project opened bids on August 27, 2024. The bidding was done electronically using QUEST. The bid from Thunder Road, LLC was properly submitted and received. The bid from PLM Paving, LLC contained some ambiguity in the unit prices listed in the bid forms. Using the QUEST bidding system, bids are to be submitted electronically using the VBID system in QUEST. The supporting bid documents are also to be uploaded. PLM's bid contained a different total bid price in the VBID submittal as compared to what was listed in their supporting documents where PLM Paving, LLC uploaded a second bid form which defined their intent. Prior to being able to compare the bids, a legal opinion was sought from the Village Attorney regarding if PLM Paving, LLC's bid uploaded in the supporting documents should be considered acceptable to explain their bid. After consultation with the Village Attorney, it was determined the past Court precedent suggests the supporting bid information that was electronically uploaded in the could allow PLM Paving LLC's to be considered a valid bid. Thus, if PLM's bid is determined to be acceptable, the apparent low bid was \$37,835.00 by PLM Paving, LLC. if the base bid and all 3 mandatory alternate bids are selected.

There were five groups of streets included in the project as four separate bid items. Group 1 and Group 2 was the base bid. Group 3, Group 4, and Group 5 were mandatory alternate bids. Based on the prices of the submitted bids, the Village can choose to include or not include the mandatory alternate bids. The Village's budget for crackfilling in 2024 is \$42,500.00.

### **ACTION REQUESTED**

The first action requested of the Village Public Works and Safety Committee and Village Board is to review and consider approval of the bid from PLM Paving, LLC., of Pewaukee, Wisconsin, to be an acceptable bid or not. The Board should determine whether the bid is acceptable despite the formatting errors and failure to follow bid instructions, or whether the bid should be rejected for failure to follow the bid instructions. The perceived formatting error is not a violation of statutory bidding requirements, rather the bidder failed to follow the bid format instructions provided by the Village. The Village does have discretion to consider whether an error of this type is material to the overall bid and/or whether the error would give the erring bidder an unfair advantage. Consideration should also be given to whether the error would frustrate the purpose of the bidding statutes to prevent fraud, collusion, favoritism, or improvidence.

If PLM's bid is determined to be an acceptable bid, the second action requested of the Village Board is the review and consider approval of PLM Paving, LLC's bid which would be the low bid amount of \$37,835.00, which includes the base bid, and mandatory alternate bids 1, 2 and 3.

If PLM's bid is determined to not be an acceptable bid, the action requested of the Village Board is to review and consider approval of the other bidder Thunder Road, LLC for the base bid and either none, one, two, or three mandatory alternate bids.



## ANALYSIS

The name of contractors and base bid and mandatory alternate bid prices are listed below:

Contractor Name	Base Bid	MA-1	MA-2	MA-3
PLM Paving, LLC	\$2.80	\$1.40	\$1.40	\$1.40
PLM (w/supporting info)	\$19,315.80	\$3,480.40	\$8,535.80	\$6,503.00
Thunder Road, LLC	\$25,250.00	\$5,200.00	\$23,950.00	\$19,300.00

The faults with the PLM Paving LLC's bid were that they appeared to assume that unit bid item was LF which is linear feet of street to be crack-filled when the listed bid unit was LS, which is lump sum per group of streets. This results in an extremely low bid which is not possible for PLM Paving to complete the project at this price. PLM Paving uploaded supporting bid documents which list a price of \$1.40/LF and a total lump sum price for each bid item which is the intent of the bid form. PLM also listed at the bottom of the bid form a total price for the base bid and all mandatory alternate bids of \$37,835.00.

Prior to bids being opened, both Thunder Road and PLM Paving were approved as bidders. It is important to note that Thunder Road listed approximately 20 municipal references of other past successful municipal crack-filling projects, whereas PLM Paving only listed one municipal reference being the City of Pewaukee. A City of Pewaukee staff person was called and a positive reference was provided. PLM Paving has been providing cracking filling, and sealing for private parking lots for several years. PLM Paving has also successfully completed several small asphalt paving projects for the Village.

After consulting with the Village Attorney, PLM clearly did not follow the bid submittal formatting requirements, which per the terms of the bid instructions provide a justification for rejecting the bid. However, the documents that were submitted could be construed as a complete bid because the submittal did include a total price for the work being bid, and the bidder provided prequalification statements and other documentation required by law. Previous case law on bidding provides support for the notion that a municipality can accept certain errors in a bid so long as they are not material and do not prejudice other bidders or give the offending bidder an unfair advantage. The errors also cannot frustrate the purpose of the bidding statute to prevent fraud, collusion, favoritism, or improvidence. PLM Paving provided their bid amount, although in an improper supplemental form per Village instructions, within the sealed bid which was opened at the same time as Thunder Road. Ultimately, PLM Paving did provide total pricing information for its bid as part of its submittal, just not in the instructed form. Importantly, the Village is not allowing PLM to amend or change its bid, or supplement information post-opening of the bid. All information being considered by the Board was included in the sealed bids opened by staff pursuant to Village and state bidding requirements.

Therefore, I recommend the Village Board approve the base bid and all three mandatory alternate bids and authorize staff to enter into a contract with PLM Paving, LLC, with company name to be confirmed, for \$37,835.00. The prequalification submittal and bid both contained different company names which were Parking Lot Maintenance, LLC and PLM Paving, LLC. The corporate registry of Wisconsin lists the company name as PLM Paving II, LLC. PLM Paving, LLC has completed other similar pavement rehabilitation projects and is currently in good standing. The low bid is below the initial budget allocation of \$42,500.00. The contract included that work is to be substantially completed by Friday, October 25, 2024.

Attachments

Exhibit A

Group #	Road Crackfilling Street	Village of Pewaukee At Route	At offset	Toward Route	Toward Offset	Road Rating	Distance (ft)	Miles (m)
Group 3	Cheshire Ln	Quinlan Dr	408	Cheshire Ct		9	120	0.02
Group 3	Meadowcreek Dr	Capitol Dr/Crossover STH 190	106	Greenhedge Rd	264	9	264	0.05
Group 3	Meadowcreek Dr	Sunnyridge Rd		Meadowcreek Ct		9	370	0.07
Group 3	Spring St	Maple Ave		CTH G/Prospect Ave		9	739.00	0.14
Group 3	Willow Grove Dr	Meadowcreek Dr		Timber Ridge		9	528.00	0.10
Group 3	Willow Grove Dr	Timber Ridge		Sunnyridge Rd		9	475.00	0.09
Group 2	Cecelia Dr	Sussex Rd		Cecelia Dr (1)		8	2746.00	0.52
Group 2	Cheshire Ln	Cheshire Ct		High St		8	686.00	0.13
Group 2	Costco Dr	Crossover STH 164		Termini		8	369.00	0.07
Group 2	Morris St	Evert St		Wisconsin Ave E		8	528.00	0.10
Group 2	Wisconsin Ave E	Oakton Ave/Park Ave		CTH G/Prospect Ave		8	792.00	0.15
Group 1	Capitol Dr	High St		Park Hill Drive		7	898.00	0.17
Group 1	Capitol Dr	Park Hill Drive		Caldwell Street		7	1478.00	0.28
Group 1	Clark St	Oakton Ave/Oakton Ct		Hickory St		7	317.00	0.06
Group 1	Clark St	Hickory St		Wisconsin Ave E		7	686.00	0.13
Group 1	Lindsay Rd	Swan Rd/Lindsay Rd	211	Turnberry Dr		7	264.00	0.05
Group 1	Maiden Ln	Ormsby St		Sussex St		7	317.00	0.06
Group 1	Ole Dairy Dr	Sussex Rd		termini		7	1020.00	0.19
Group 1	Sussex Rd	Cecelia Dr		Ole Dairy Dr / Sussex St		7	380.00	0.07
Group 1	Sussex Rd	Cecelia Dr		Ole Dairy Dr / Sussex St	380	7	1415.00	0.27
Group 1	Sussex Rd	Ole Dairy/Sussex St		Lindsay Rd / Sussex St		7	370.00	0.07
Group 1	Sussex Rd	Ole Dairy/Sussex St		Lindsay Rd / Sussex St	1056	7	739.00	0.14
Group 1	Sussex St	Capitol Dr		Maiden Ln		7	792.00	0.15
Group 4	1st St	Lookout Dr		Richmond Dr		6	475.00	0.09
Group 4	Cecelia Dr	Cecelia Dr (1)		Capitol Dr / Crossover STH 190		6	264.00	0.05
Group 4	Cecelia Dr (1)	Cecelia Dr		Westfield Way (2)		6	739.00	0.14
Group 4	Elm St	Oakton Ave		Termini		6	422.00	0.08
Group 4	Evergreen Ln	Wisconsin Ave W		High St		6	132.00	0.03
Group 4	Greenhedge Rd	Meadowcreek Dr		Willow Grove Dr		6	950.00	0.18
Group 4	Isle Ct	Termini		Wisconsin Ave W		6	422.00	0.08
Group 4	Meadowcreek Dr	Greenhedge Rd		Sunnyridge Rd		6	317.00	0.06
Group 4	Ormsby St	Capitol Dr		Maiden Ln		6	792.00	0.15
Group 4	Quinlan Dr	Kettlewoods Ct		Wisconsin Ave W		6	370.00	0.07
Group 4	Quinlan Dr	Cheshire Ln		Kettlewoods Ct		6	475.00	0.09
Group 4	School St	CTH G / Prospect Ave		Lookout Dr		6	211.00	0.04

see map

see map

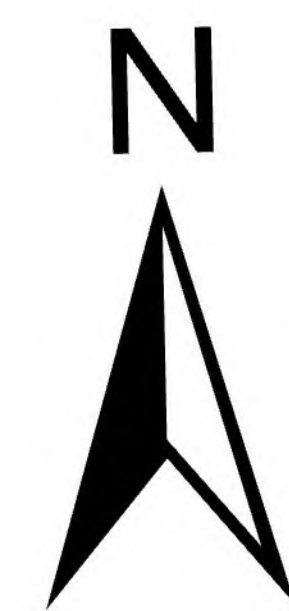
see map

Group 4	School St	Lookout Dr		Unknown		6	528.00	0.10
Group 5	2nd St	Lookout Dr		Richmond Dr		5	475.00	0.09
Group 5	Brandt Ct	Termini		Maryknoll Dr		5	792.00	0.15
Group 5	Hickory St	Clark St	1426	Forest Grove Dr		5	1689.00	0.32
Group 5	Highland Ave	Termini		Park Ave		5	158.00	0.03
Group 5	Highland Ave	Park Ave		CTH G / Prospect Ave		5	686.00	0.13
Group 5	Maple Ave	Park Ave		Spring St		5	158.00	0.03
Group 5	Maple Ave	Spring St		CTH G / Prospect Ave		5	317.00	0.06
Group 5	School St	Unknown		Lake St/Pirate Pass		5	370.00	0.07
							27035.00	5.12

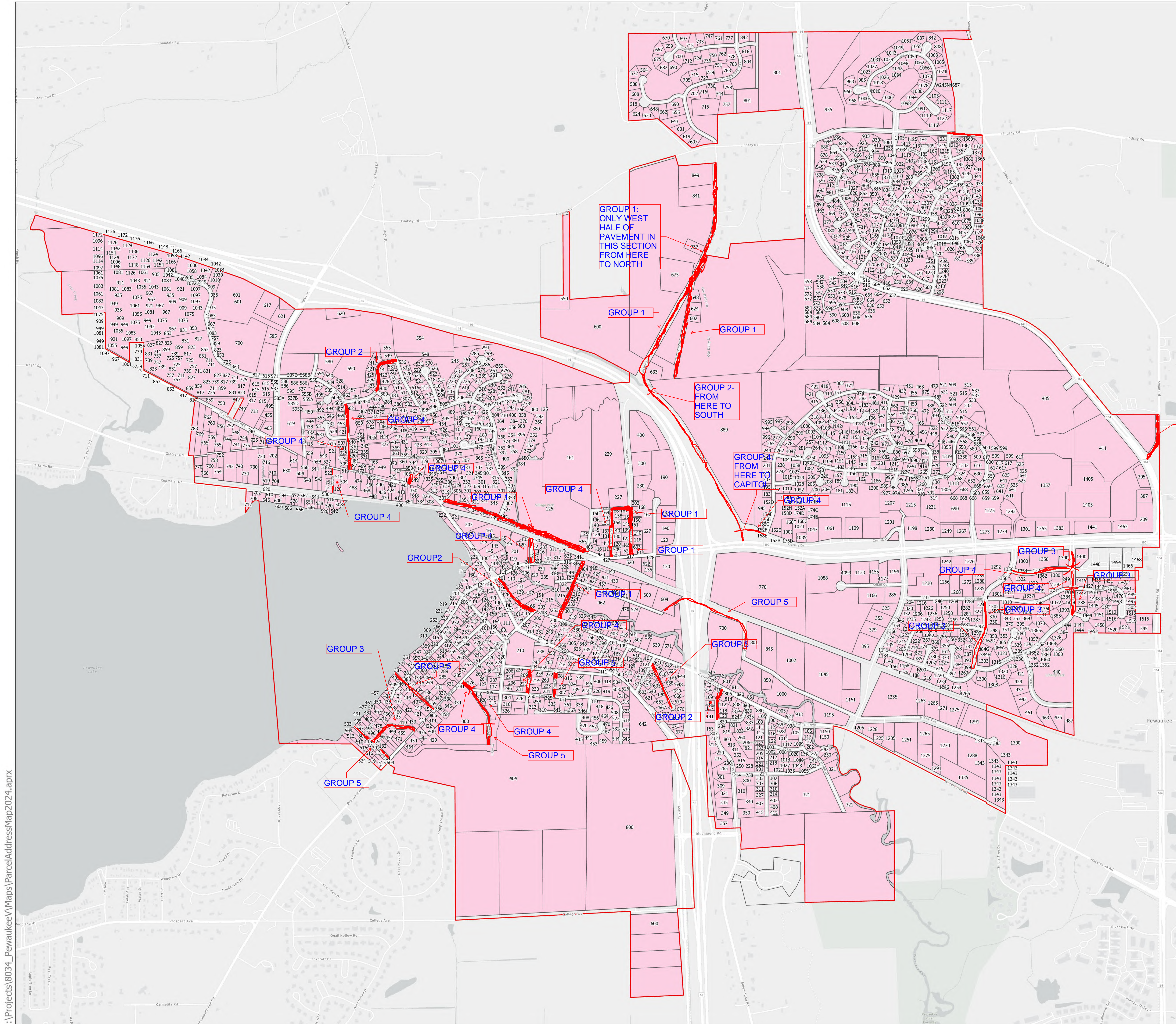




# Village of Pewaukee 2024 Parcel Address Map



0 200 400 800 1,200 1,600  
Feet



I:\Projects\18034\_Pewaukee\Maps\ParcelAddressMap2024.aprx

5/16/2024



# 2024 Pavement Crackfilling (#9267879)

Owner: Pewaukee WI, Village of  
 Solicitor: Pewaukee WI, Village of

08/27/2024 11:00 AM CDT

Show Evaluation Options

### Evaluation Options

- Show the engineer's estimate
  - Do not highlight items
  - Highlight items more or less than  % of average
  - Highlight items more or less than  % of engineer's estimate
- Base Bid Totals
  - Base + Sections Totals
  - Details

- Sections shown in this color are not included in the Base Bid Total - Mandatory completion
- Sections shown in this color are not included in the Base Bid Total - Optional completion
- Sections shown in this color are fixed and cannot be edited by the bidder

					Parking Lot Maintenance		Thunder Road LLC	
					ONLINE	Docs	ONLINE	Docs
					Accepted		Accepted	
Line Item	Item Code	Item Description	UoM	Quantity	Unit Price	Extension	Unit Price	Extension
* Base Bid						\$2.80		\$25,250.00
* MANDATORY ALTERNATE BID 1						\$1.40		\$5,200.00
* MANDATORY ALTERNATE BID 2						\$1.40		\$23,950.00
* MANDATORY ALTERNATE BID 3						\$1.40		\$19,300.00
<b>Base Bid Total:</b>						<b>\$2.80</b>		<b>\$25,250.00</b>

Post Prelim Bid Tabs

Export to CSV

Done

**2024 PAVEMENT CRACKFILLING  
SCHEDULE OF PRICES**

Contractor Name: PLM Paving LLC

**NOTE - BIDDER MUST FILL IN THE SCHEDULE OF PRICES FOR ALL ITEMS OF WORK**

**BASE BID**

Line No.	Item No.	Item Description	Unit	Approx. Quantities	Unit Bid Price	Total Price
1	GROUP 1	PAVEMENT CRACK SEALING	LS	1	\$1.40/ft	\$12,146.40
2	GROUP 2	PAVEMENT CRACK SEALING	LS	1	\$1.40/ft	7,169.40
<b>TOTAL:</b>						19,315.80

**MANDATORY ALTERNATE BID 1**

Line No.	Item No.	Item Description	Unit	Approx. Quantities	Unit Bid Price	Total Price
3	GROUP 3	PAVEMENT CRACK SEALING	LS	1	\$1.40/ft	\$3,480.40
<b>TOTAL:</b>						

**MANDATORY ALTERNATE BID 2**

Line No.	Item No.	Item Description	Unit	Approx. Quantities	Unit Bid Price	Total Price
4	GROUP 4	PAVEMENT CRACK SEALING	LS	1	\$1.40/ft	\$8,535.80
<b>TOTAL:</b>						

**MANDATORY ALTERNATE BID 3**

Line No.	Item No.	Item Description	Unit	Approx. Quantities	Unit Bid Price	Total Price
5	GROUP 5	PAVEMENT CRACK SEALING	LS	1	\$1.40/ft	\$6,503.00
<b>TOTAL:</b>						

\*\*\*The Village reserves the right to increase or delete quantities to make the bid most advantageous to the Village and or reject any or all bids.

TOTAL BASE BID AND ALL MANDATORY ALTERNATE BIDS: \$37,835.00



State of Wisconsin

## Department of Financial Institutions

Search for:

plm paving

Search Records

[Search](#)  
[Advanced Search](#)  
[Name Availability](#)

### Corporate Records

ID	Entity Name / Type	Registered Effective Date	Status / Status Date
P036533	<a href="#">PLM PAVING AND CONCRETE, LLC</a> 12 - Domestic Limited Liability Company	02/15/2000	Dissolved 03/15/2022
P063621	<a href="#">PLM PAVING II LLC</a> 12 - Domestic Limited Liability Company	05/29/2014	Organized 05/29/2014

## **VILLAGE OF PEWAUKEE**

### **2024 PAVEMENT CRACKFILLING TENTATIVE PROJECT TIMELINE**

August 2, 2024	Plans & Specs by DPW
August 9, 2024	Plans & Specs by DPW – Final Review
August 20, 2024	1 <sup>st</sup> Advertisement for Bids
August 27, 2024	2 <sup>nd</sup> Advertisement for Bids
September 3, 2024	Bid Opening: 11:00 a.m.
September 3, 2024	Recommendation of Award
September 3, 2024	Village Board - Approval of Contract &
September 17, 2024	Final Contract Signed and Executed
September 18, 2024	Post or send project notifications
September 18, 2024	Notice to Proceed and Construction May Begin
October 25, 2024	Substantial Completion
November 1, 2024	Final Completion

Advertise electronically on Quest  
Place advertisement in Waukesha Freeman (Official Newspaper)

Village of Pewaukee  
235 Hickory Street  
Pewaukee, WI 53072  
Clerk: Jenna Peter, 262-691-5660





**PUBLIC WORKS DEPARTMENT**  
**1000 Hickory Street**  
**Pewaukee, WI 53072**

To: Public Works and Safety Committee  
CC: Matt Heiser, Village Administrator  
From: David Buechl, P.E., P.L.S, Director of Public Works/Village Engineer  
Date: August 29, 2024  
Re: Agenda item 5(b). Status Update 2024 Road and Utility Improvements

**BACKGROUND**

The annual Road and Utility Improvements projects was initially bid out on June 11, 2024. No bids were received. The project scope was reduced and the project was rebid with bids opened on July 10, 2024. The apparent low bid was \$1,027,417.58 by Wolf Paving, Inc.

Streets that also needed water main relays were selected as a priority to continue to be included in the rebid project. The two streets that included water main relays were included in the rebid were Park Hill Drive and Orchard Avenue, that also included the west leg of the two alley sections of Orchard Avenue alley which also included water main to be looped to Park Avenue. Some streets that were initially anticipated to be included in the project were not included in the rebid and we hope to complete work on these streets next year or in future years as budget allows. The bid summary is listed below and drawings are attached. The Village Board approved the bid from the lowest qualified bidder, Wolf Paving, Inc., of Hartland, Wisconsin, for the bid amount of \$1,027,417.58 on August 6, 2024. The contract for surveying, inspection, and administration of the project with RA Smith was approved on August 20, 2024 for \$79,350.00.

The name of contractors and base bid prices are listed below:

Contractor Name	Base Bid
Wolf Paving, Inc.	\$1,027,417.58
PTS Construction, Inc.	\$1,052,000.00
Wandel Contractors	\$1,066,751.05
Mid City Corporation	\$1,157,855.56
Payne & Dolan, Inc.	\$1,396,105.76

The preconstruction meeting was held on Tuesday, August 27, 2024. The contract included that work is to be substantially completed by November 1, 2024, and ready for final payment on or before November 22, 2024.

Attachments

# 2024 ROAD AND UTILITY IMPROVEMENTS

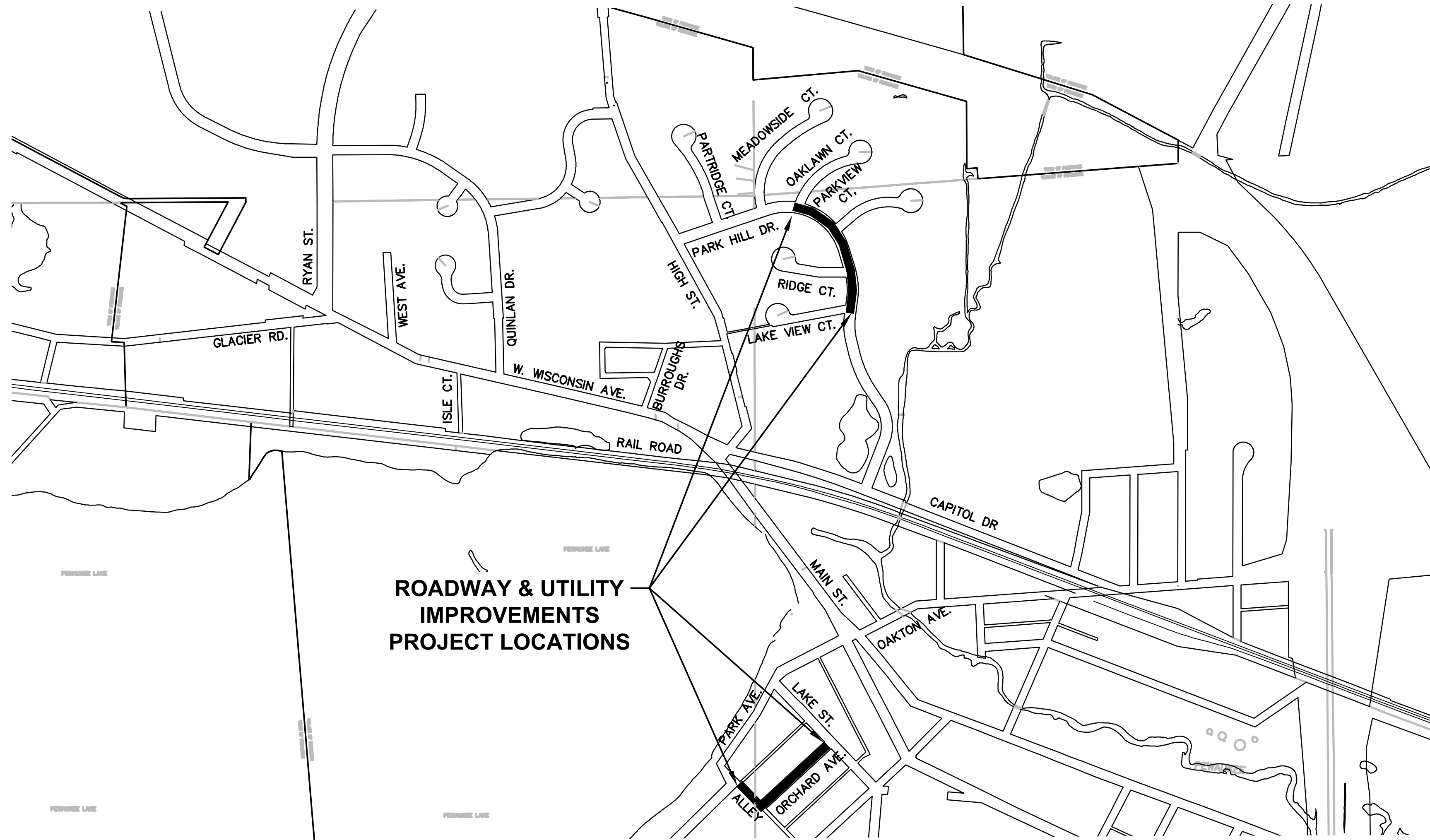
## PAVING & UTILITY IMPROVEMENTS IN: PARK HILL DR. & ORCHARD AVE.

### VILLAGE OF PEWAUKEE, WISCONSIN

**REBID PLAN SET**

#### LEGEND

▲	BENCHMARK
■	SECTION CORNER
⚑	FLAGPOLE
✉	MAILBOX
+	SIGN
Ⓚ	CONTROL BOX
Ⓣ	TRAFFIC SIGNAL
Ⓜ	RAILROAD CROSSING SIGNAL
Ⓢ	CABLE PEDESTAL
Ⓜ	POWER POLE
Ⓜ	GUY POLE
Ⓜ	GUY WIRE
Ⓜ	LIGHT POLE
Ⓜ	ELECTRIC MANHOLE
Ⓜ	ELECTRIC PEDESTAL
Ⓜ	ELECTRIC METER
Ⓜ	TELEPHONE MANHOLE
Ⓜ	TELEPHONE PEDESTAL
Ⓜ	GAS VALVE
Ⓜ	GAS METER
Ⓜ	STORM MANHOLE
Ⓜ	ROUND INLET
Ⓜ	SQUARE INLET
Ⓜ	STORM SEWER END SECTION
Ⓜ	SANITARY MANHOLE
Ⓜ	SANITARY CLEANOUT OR SEPTIC VENT
Ⓜ	SANITARY INTERCEPTOR MANHOLE
Ⓜ	MISCELLANEOUS MANHOLE
Ⓜ	WATER VALVE
Ⓜ	HYDRANT
Ⓜ	WATER SERVICE CURB STOP
Ⓜ	WATER MANHOLE
Ⓜ	WELL
Ⓜ	WATER SURFACE
Ⓜ	WETLANDS FLAG
Ⓜ	MARSH
Ⓜ	CONIFEROUS TREE
Ⓜ	DECIDUOUS TREE
Ⓜ	SHRUB
---	EDGE OF TREES
---	SANITARY SEWER
---	FORCE MAIN
---	STORM SEWER
---	WATERMAIN
---	MARKED GAS MAIN
---	MARKED ELECTRIC
---	OVERHEAD WIRES
---	BUREAU ELEC. SERV.
---	MARKED TELEPHONE
---	MARKED CABLE TV LINE
---	MARKED FIBER OPTIC
---	EXISTING PAVEMENT
---	EXISTING GRAVEL
---	EXISTING ROW



**ROADWAY & UTILITY IMPROVEMENTS PROJECT LOCATIONS**

#### PLAN INDEX

SHEET NO.	DESCRIPTION
01	COVER SHEET
02	REMOVAL PLAN ORCHARD AVE
03 - 05	WM & PAVING PLAN & PROFILE ORCHARD AVE
06 - 09	CROSS SECTIONS ORCHARD AVE
10 - 11	WATER MAIN PLAN & PROFILE PARK HILL DR
12 - 13	PAVING PLAN PARK HILL DR
14 - 18	CURB RAMP DETAILS
19 - 22	TYPICAL SECTIONS & DETAILS

#### BENCHMARKS

BENCHMARK #1006 AT PARK HILL AND HIGH ST  
ELEVATION = 901.39  
BENCHMARK #1005 AT PARK HILL AND PARTRIDGE  
ELEVATION = 893.72  
BENCHMARK #1001 AT PARK HILL AND MEADOWSIDE  
ELEVATION = 880.17  
BENCHMARK #1002 AT PARK HILL AND OAKLAWN  
ELEVATION = 878.78  
BENCHMARK #1004 PARK HILL AND RIDGE CT  
ELEVATION = 877.55  
BENCHMARK #1014 AT LAKE AND ORCHARD  
ELEVATION = 874.30  
BENCHMARK #5001 AT ORCHARD SW END  
ELEVATION = 876.95  
BENCHMARK #5002 AT ORCHARD AT ALLEY MIDPT  
ELEVATION = 865.30  
BENCHMARK #5003 AT ORCHARD AT ALLEY RET WALL  
ELEVATION = 866.14

COORDINATES SHOWN ON THIS PLAN REFERENCE THE WISCONSIN STATE PLANE COORDINATE SYSTEM (WSPCS), SOUTH ZONE (NAD83)

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM, (NGVD 88)

#### VILLAGE OF PEWAUKEE

DAVID BUECHL, PE, PLS – DIRECTOR OF PUBLIC WORKS/VILLAGE ENGINEER  
1000 HICKORY ST.  
PEWAUKEE, WI 53072  
dbuechl@villageofpewaukee.gov  
PHONE (262)691-5694

#### DESIGN ENGINEER

**raSmith**  
CREATIVITY BEYOND ENGINEERING  
TIM BARBEAU, P.E., P.L.S.  
STEVE RONCKE

16745 W. Bluemound Road  
Brookfield, WI 53005-5938  
(262) 781-1000  
rasmith.com

#### WE ENERGIES-ELECTRIC

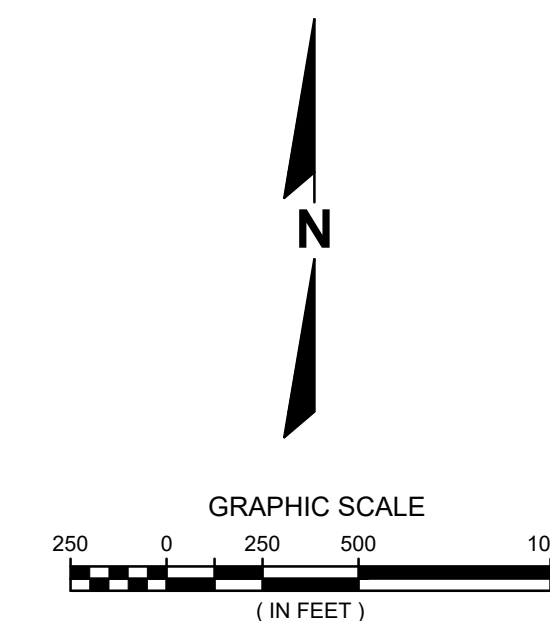
ERIC KICKHAVER-DESIGNER  
ELECTRIC MAJOR PROJECTS  
500 S. 116TH STREET  
WEST ALLIS, WI 53214  
PHONE (414) 944-5917 (office)  
PHONE (414) 588-7472 (mobile)  
Eric.Kickhaver@we-energies.com

#### WE ENERGIES-GAS

JACOB SPENCER-DESIGNER  
GAS MAJOR PROJECTS  
S13 W33800 STH 18  
DELAFIELD, WI 53018  
PHONE (262) 968-7009 (office)  
PHONE (414) 507-2021 (mobile)  
Jacob.Spencer@we-energies.com

#### AT&T

MATTHEW DINNAUER  
2005 PEWAUKEE RD.  
WAUKESHA, WI 53188  
PHONE (262)237-0042  
md9542@att.com



**Know what's below.  
Call before you dig.**

R.A. SMITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A. SMITH, INC.

ALL COPYRIGHTS TO THESE DRAWINGS ARE RESERVED. THEY MAY NOT BE COPIED, CHANGED, OR ASSIGNED TO ANY THIRD PARTY IN ANY MANNER WITHOUT OBTAINING THE EXPRESSED WRITTEN PERMISSION OF R.A. SMITH, INC.

DESCRIPTION

DATE

16745 W. Bluemound Road  
Brookfield, WI 53005-5938  
(262) 781-1000  
rasmith.com

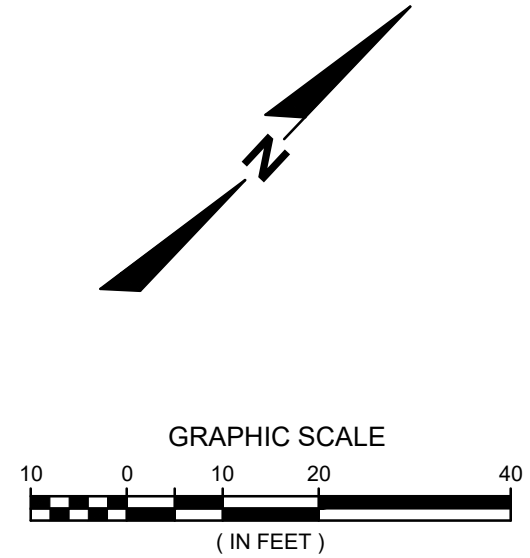
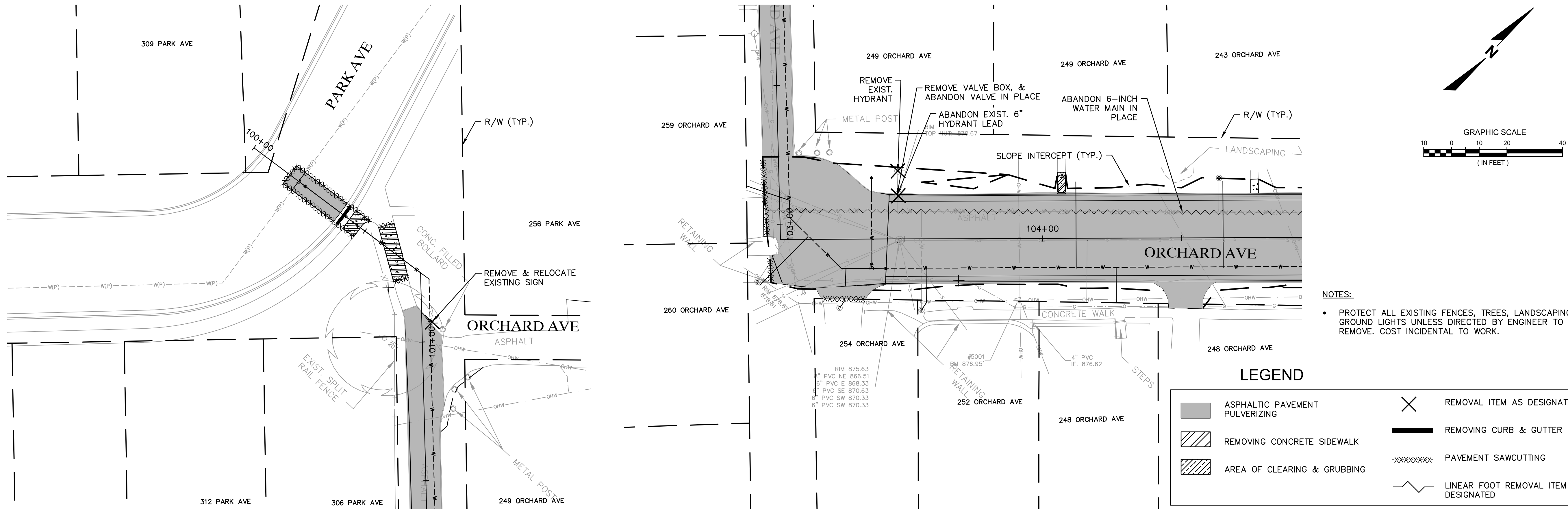
2024 ROAD IMPROVEMENT PLAN  
VILLAGE OF PEWAUKEE

COVER SHEET



© COPYRIGHT 2024  
R.A. Smith, Inc.  
DATE: 06/24/2024  
SCALE: 1" = 500'  
JOB NO. 2238109  
PROJECT MANAGER:  
TIM BARBEAU, P.E., P.L.S.  
DESIGNED BY: GLS  
CHECKED BY: TGB  
SHEET NUMBER  
1

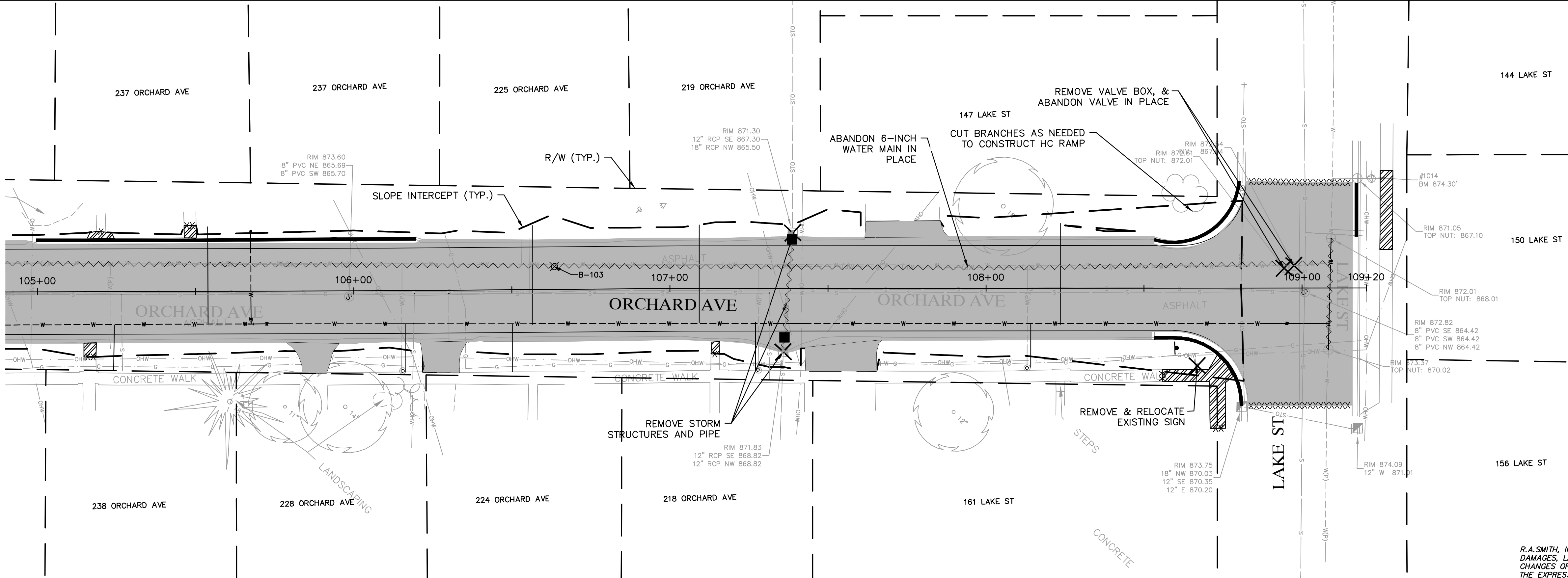
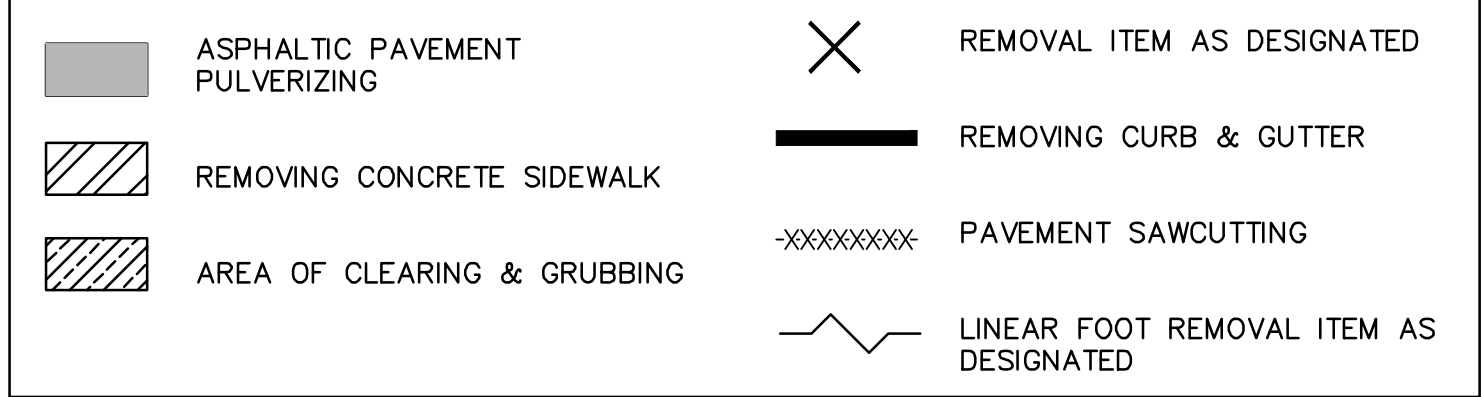




**NOTES:**

- PROTECT ALL EXISTING FENCES, TREES, LANDSCAPING AND GROUND LIGHTS UNLESS DIRECTED BY ENGINEER TO REMOVE. COST INCIDENTAL TO WORK.

**LEGEND**



Know what's below.  
Call before you dig.

R.A.SMITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A.SMITH, INC.  
ALL COPYRIGHTS TO THESE DRAWINGS ARE RESERVED. THEY MAY NOT BE COPIED, CHANGED, OR ASSIGNED TO ANY THIRD PARTY IN ANY MANNER WITHOUT OBTAINING THE EXPRESSED WRITTEN PERMISSION OF R.A.SMITH, INC.

DESCRIPTION	DATE

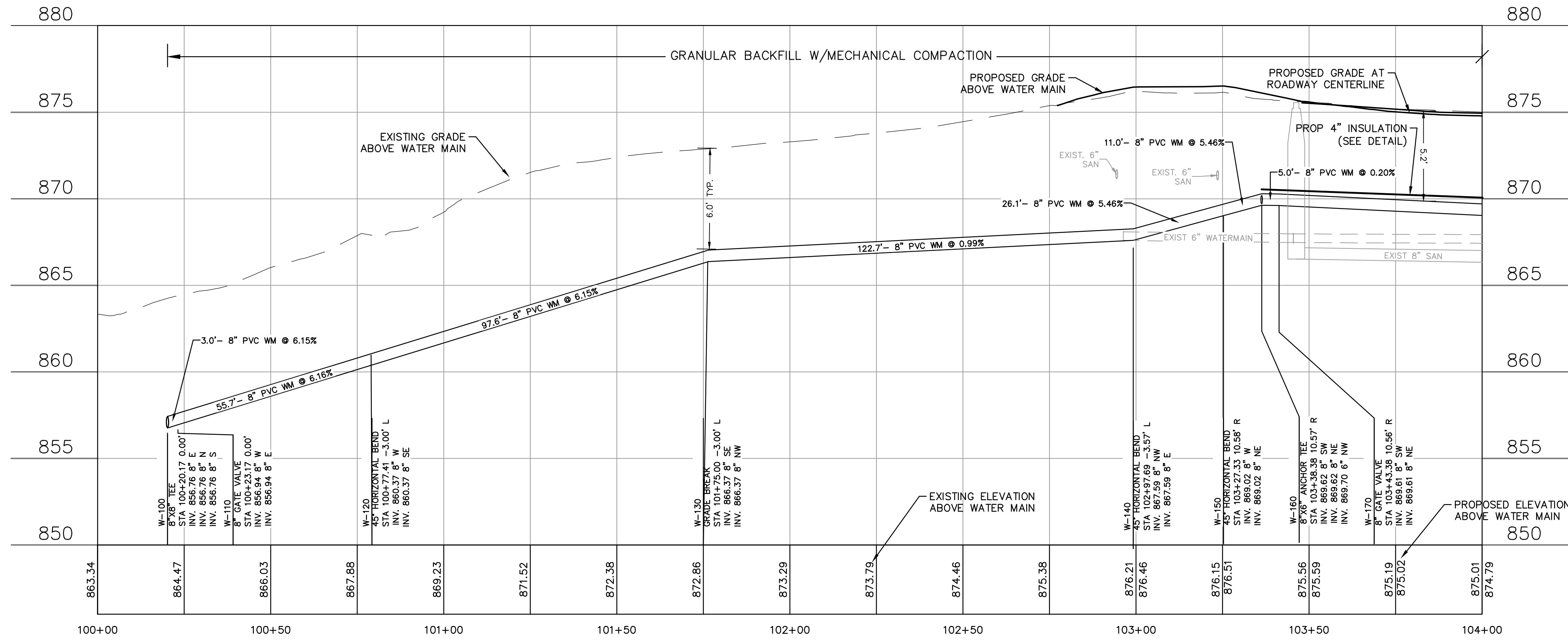
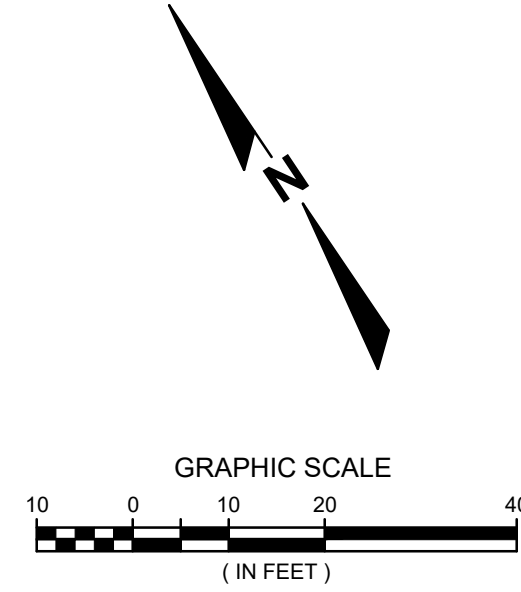
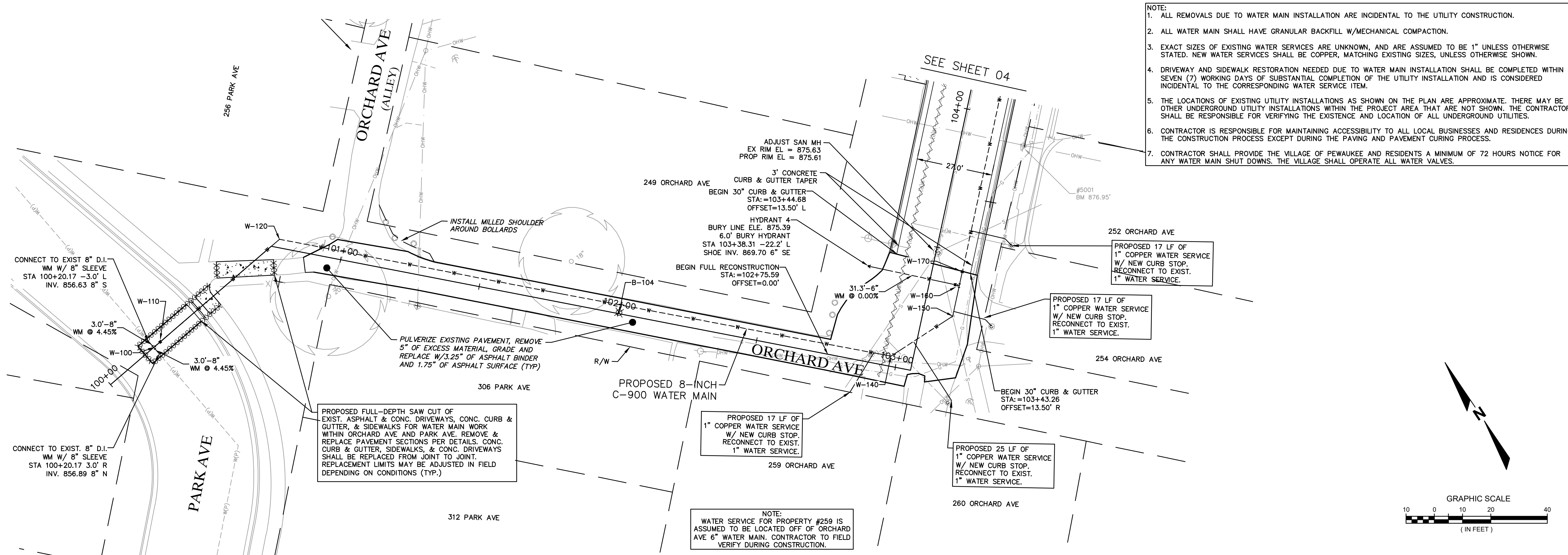
16745 W. Bluemound Road  
Brookfield, WI 53005-5938  
(262) 781-1000  
rasmith.com  
CREATIVITY BEYOND ENGINEERING

2024 ROAD IMPROVEMENT PLAN  
VILLAGE OF PEWAUKEE  
REMOVAL PLAN  
ORCHARD AVE.

© COPYRIGHT 2024  
R.A. Smith, Inc.  
DATE: 06/24/2024  
SCALE: 1" = 20'  
JOB NO. 2238109  
PROJECT MANAGER:  
TIM BARBEAU, P.E., P.L.S.  
DESIGNED BY: GLS  
CHECKED BY: TGB

SHEET NUMBER  
2





Know what's below.  
Call before you dig.

R.A.SMITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A.SMITH, INC.

ALL COPYRIGHTS TO THESE DRAWINGS ARE RESERVED. THEY MAY NOT BE COPIED, CHANGED, OR ASSIGNED TO ANY THIRD PARTY IN ANY MANNER WITHOUT OBTAINING THE EXPRESSED WRITTEN PERMISSION OF R.A.SMITH, INC.

DATE	DESCRIPTION

16745 W. Bluemound Road  
Brookfield, WI 53005-5938  
(262) 781-1000  
rasmith.com

**raSmith**  
CREATIVITY BEYOND ENGINEERING

Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI  
Cedarburg, WI | Naperville, IL | Irvine, CA

**2024 ROAD IMPROVEMENT PLAN**  
**VILLAGE OF PEWAUKEE**

**ORCHARD AVE.**  
**WM & PAVING PLAN & PROFILE**

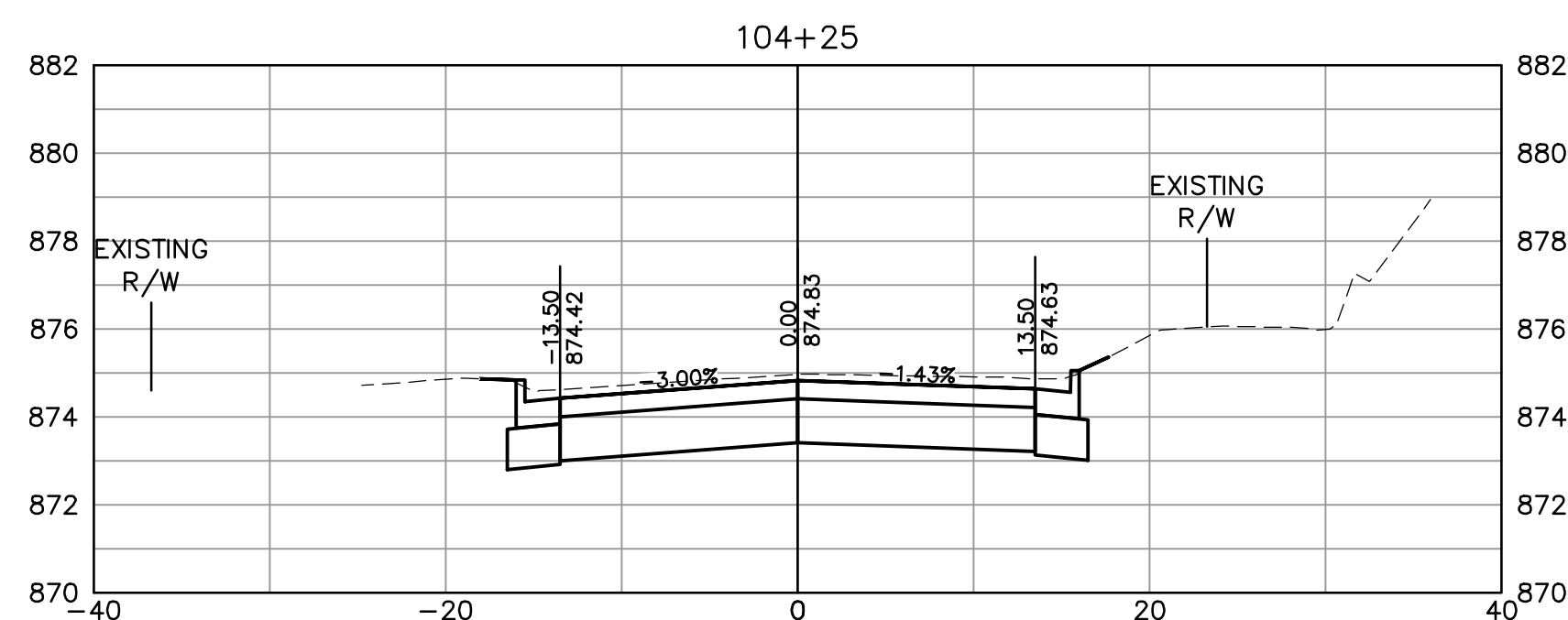
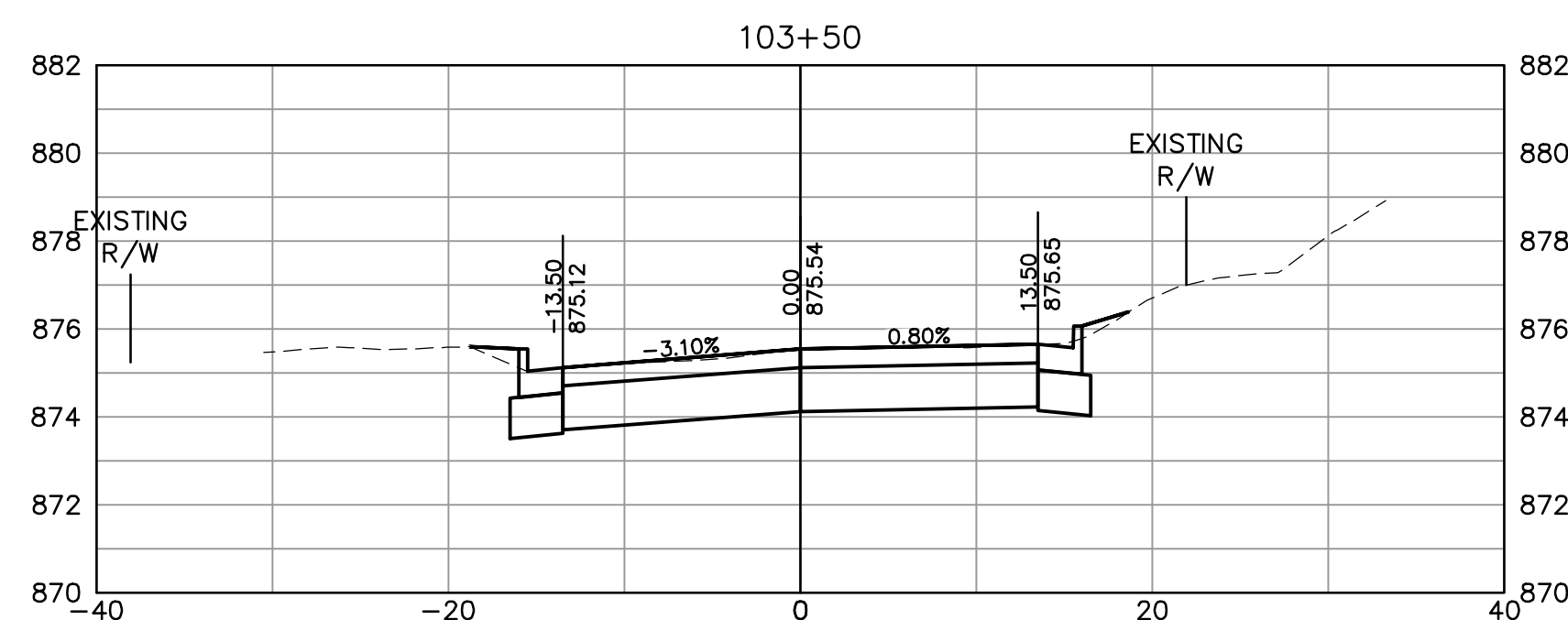
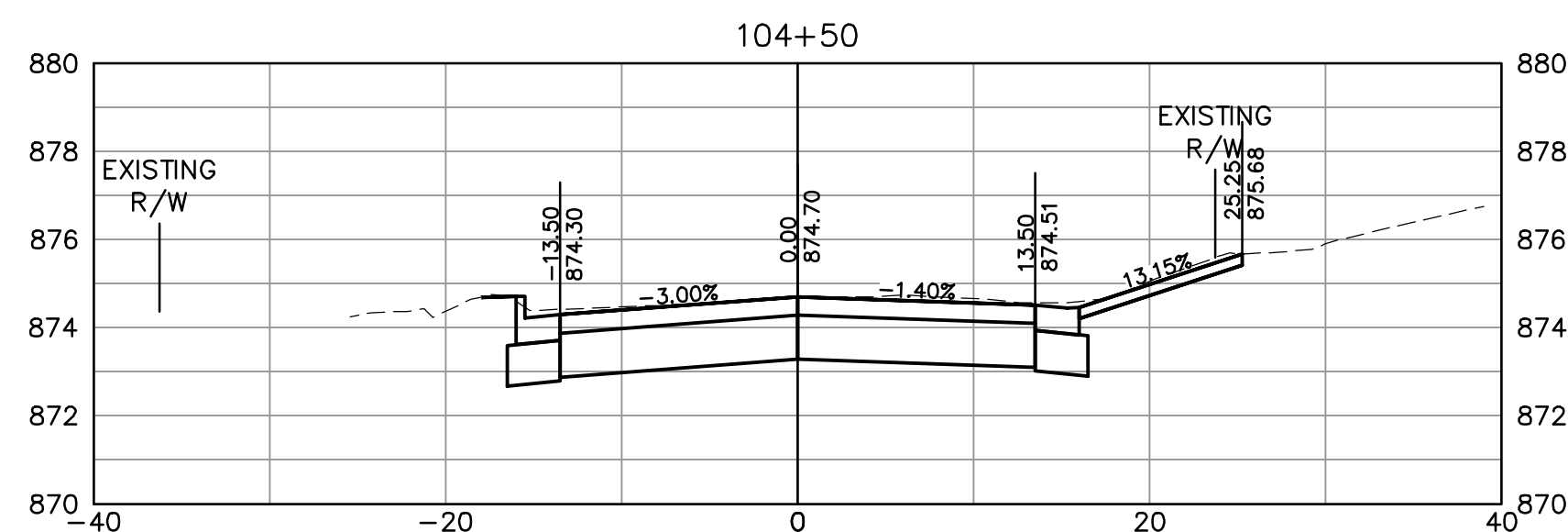
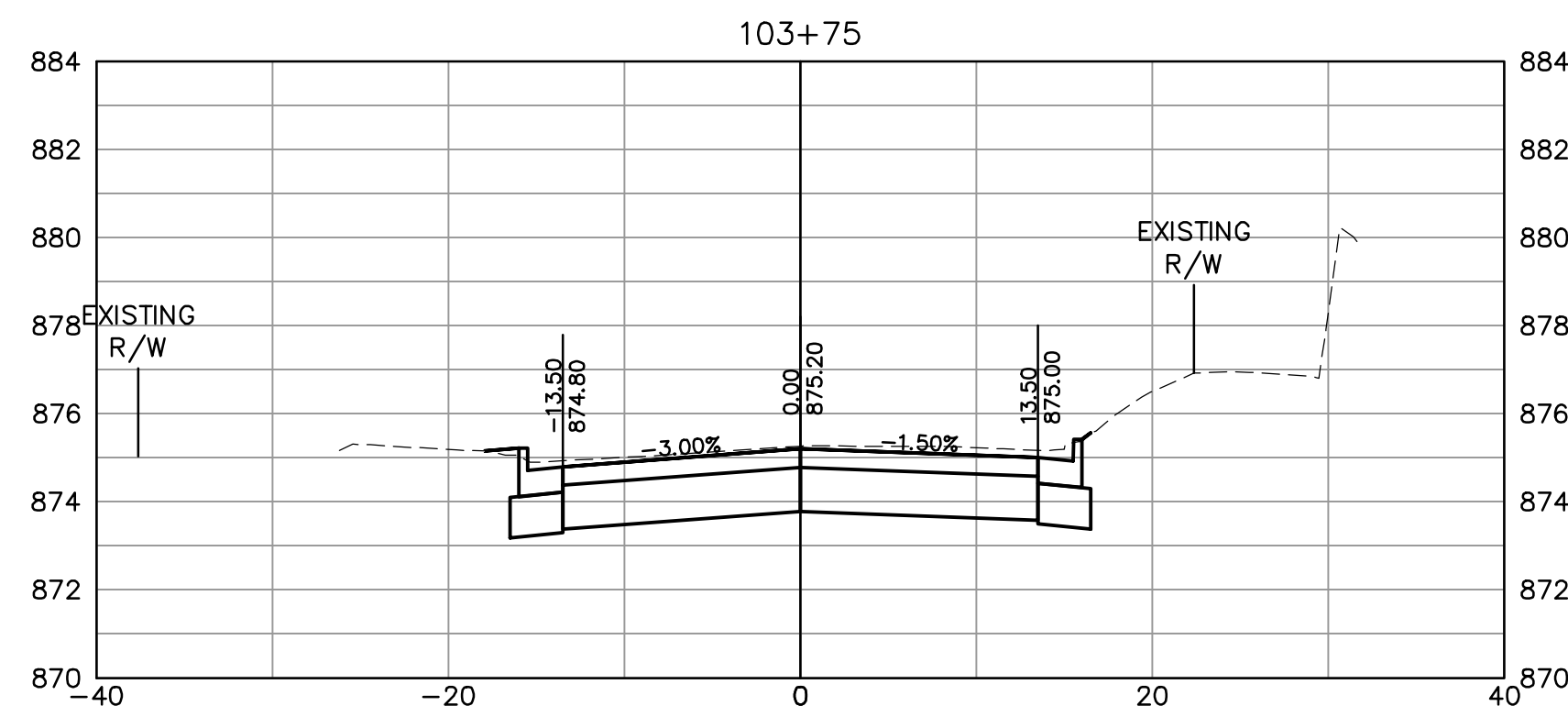
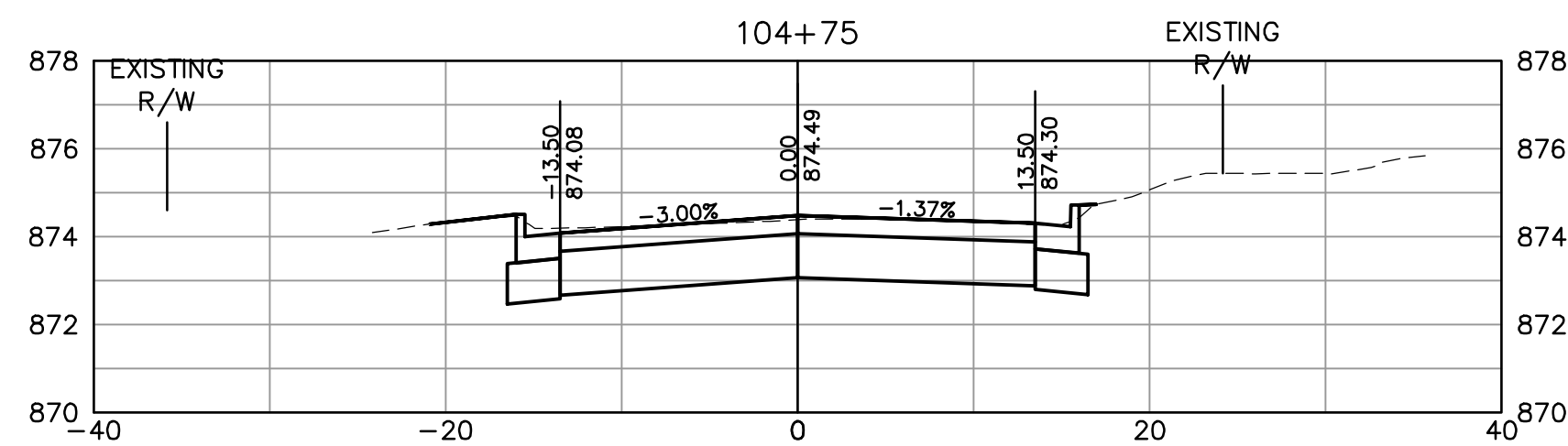
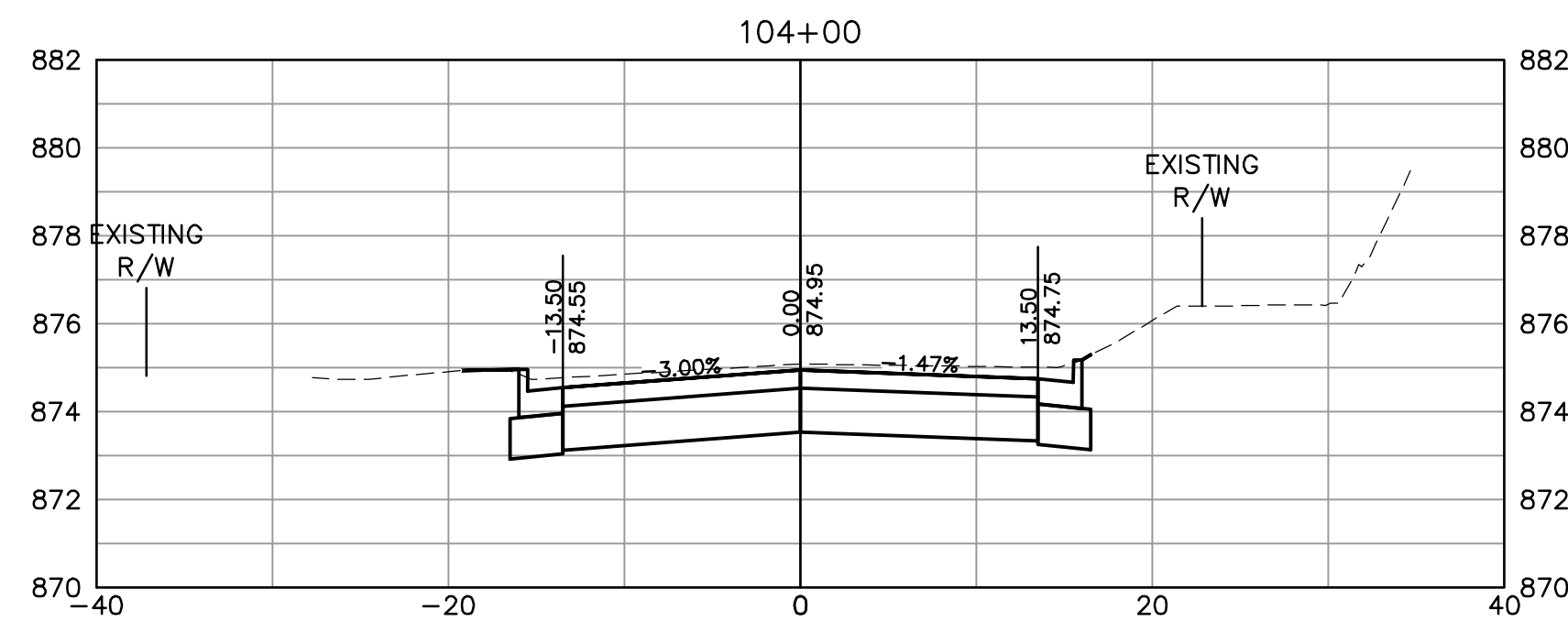
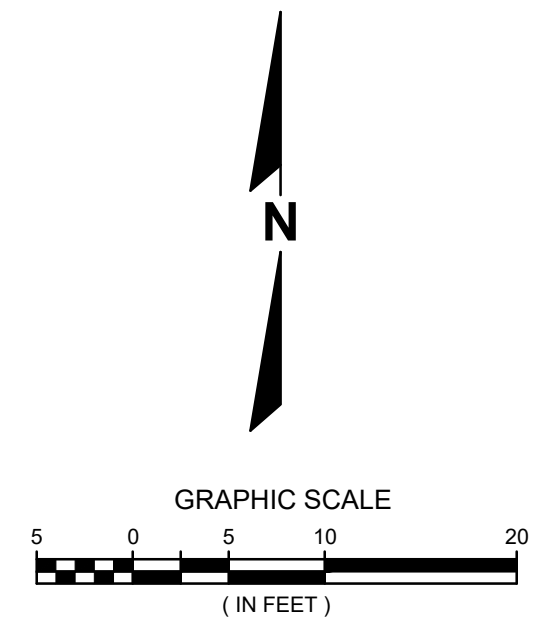
© COPYRIGHT 2024 R.A. Smith, Inc.
DATE: 06/24/2024
SCALE: 1" = 20'
JOB NO. 2238109
PROJECT MANAGER: TIM BARBEAU, P.E., P.L.S.
DESIGNED BY: GLS
CHECKED BY: TGB
<b>SHEET NUMBER</b> 3











DATE	DESCRIPTION

16745 W. Bluemound Road  
Brookfield, WI 53005-5938  
(262) 781-1000  
rasmith.com

**raSmith**  
CREATIVITY BEYOND ENGINEERING

Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI  
Cedarburg, WI | Naperville, IL | Irvine, CA

**2024 ROAD IMPROVEMENT PLAN  
VILLAGE OF PEWAUKEE  
ORCHARD AVE.  
CROSS SECTIONS**



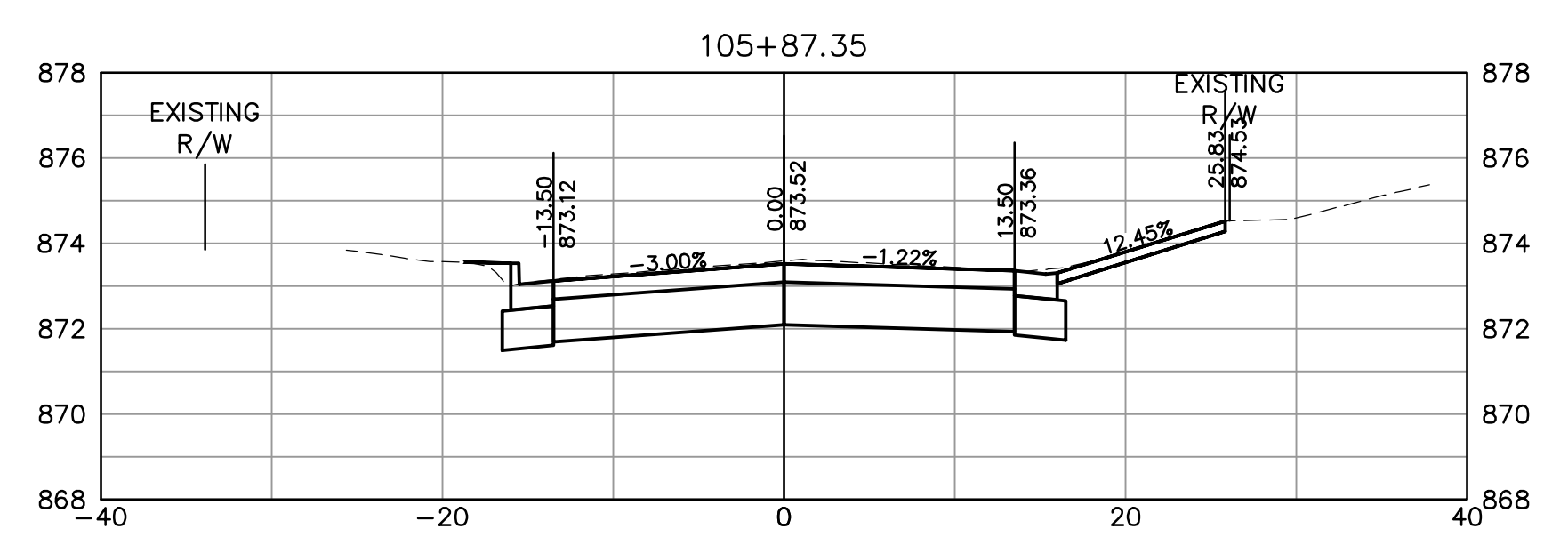
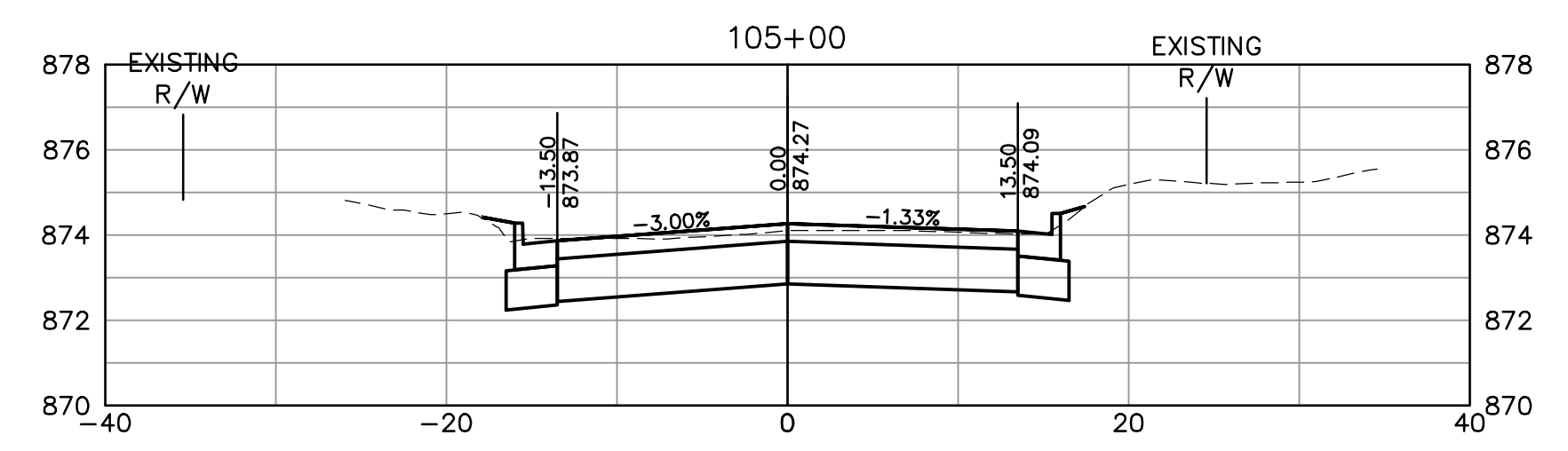
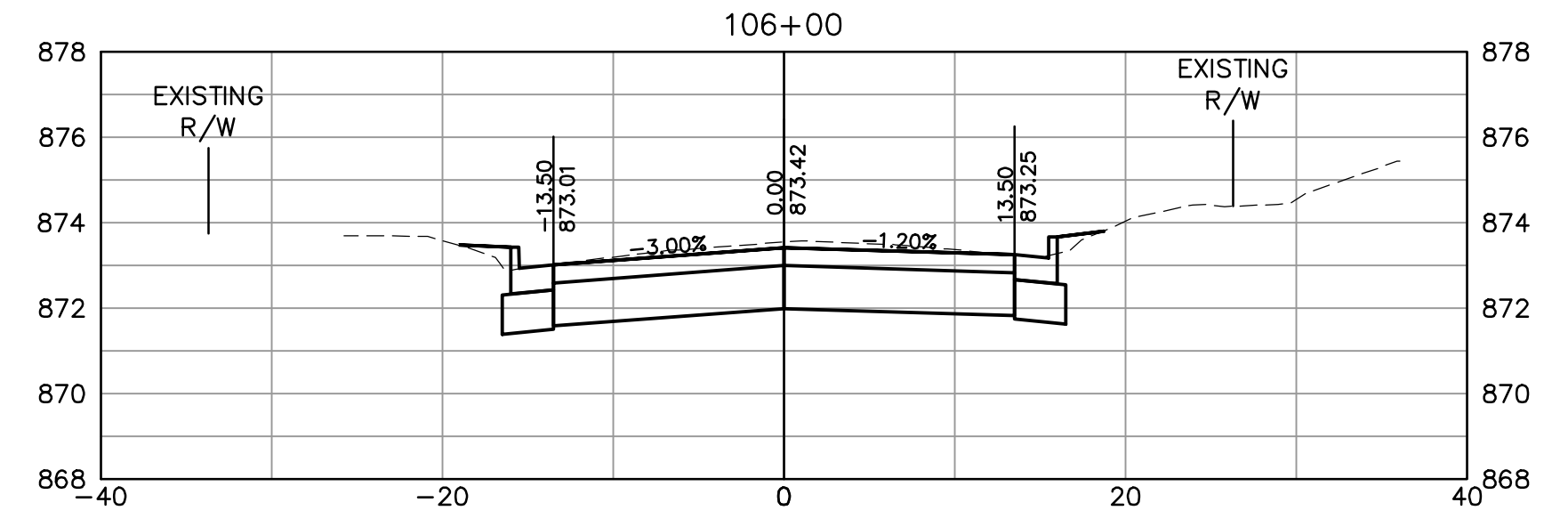
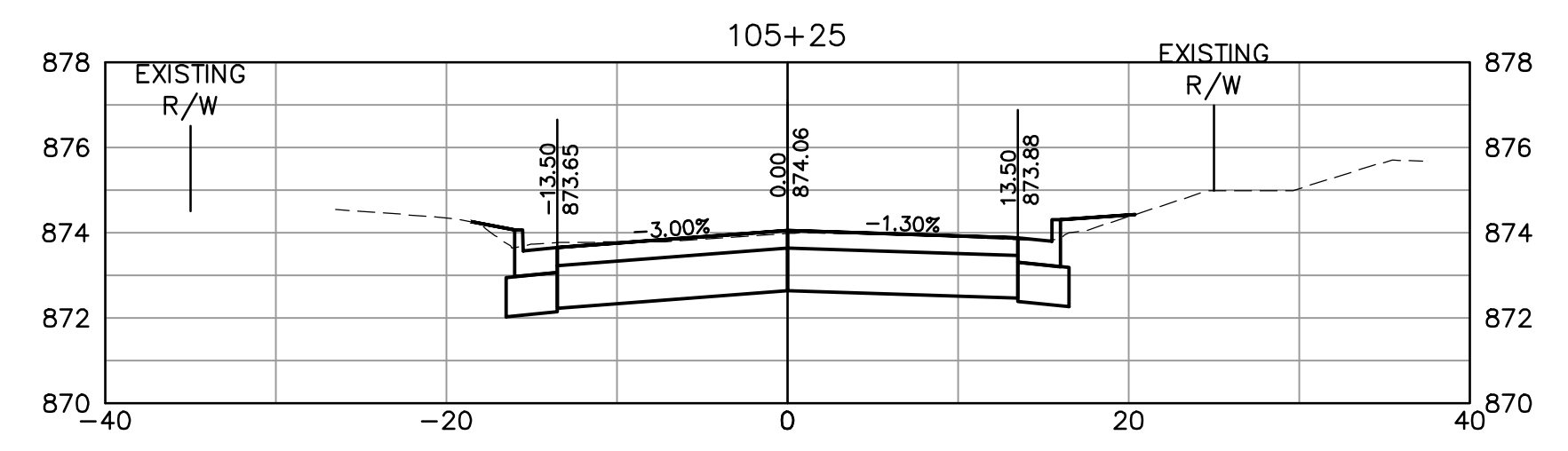
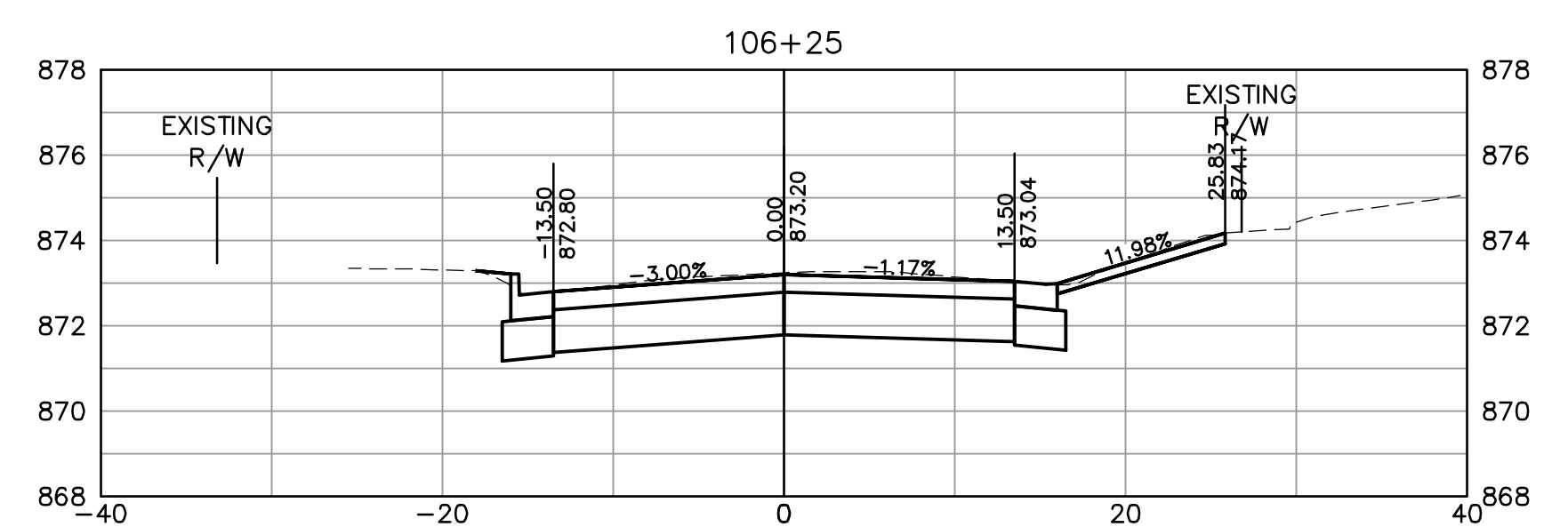
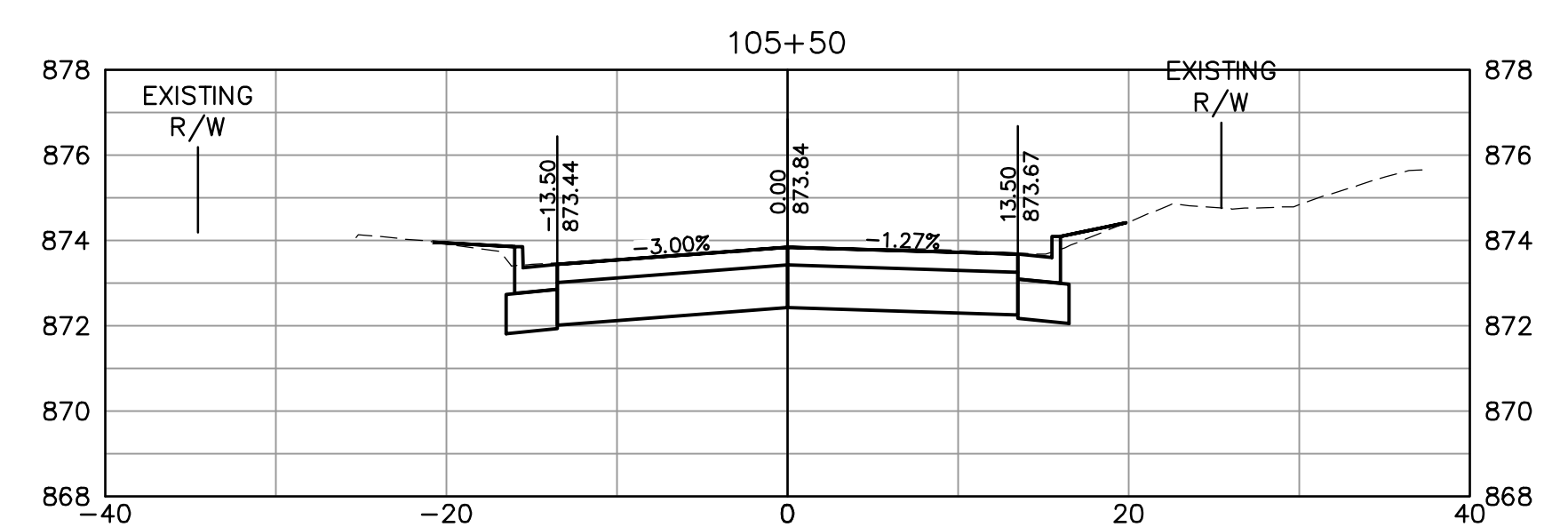
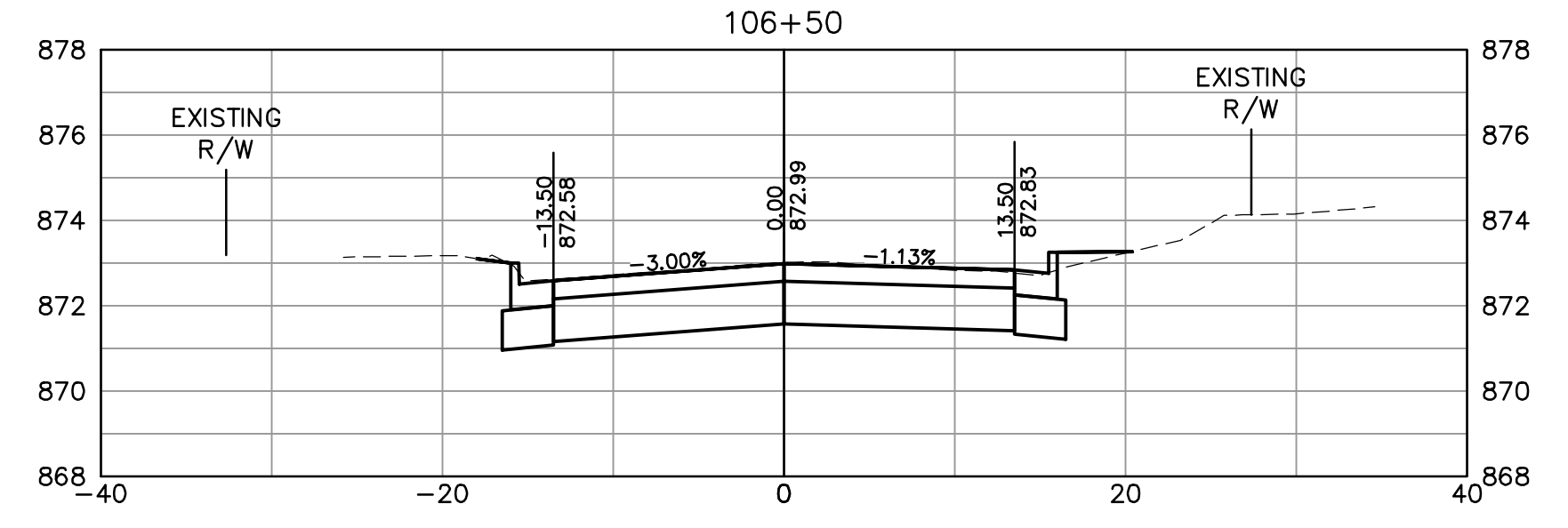
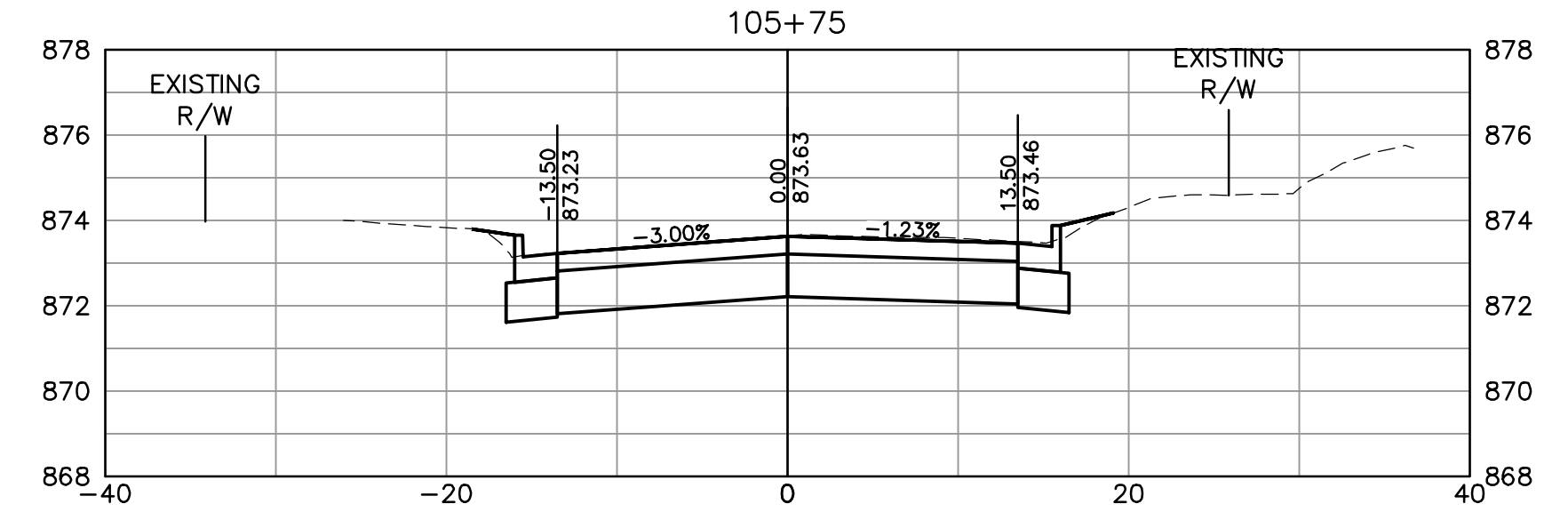
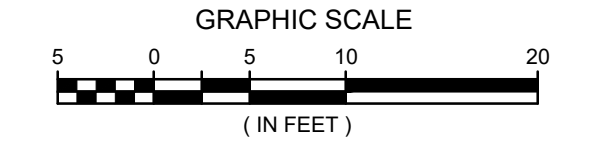
**Know what's below.  
Call before you dig.**

R.A.SMITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A.SMITH, INC.

ALL COPYRIGHTS TO THESE DRAWINGS ARE RESERVED. THEY MAY NOT BE COPIED, CHANGED, OR ASSIGNED TO ANY THIRD PARTY IN ANY MANNER WITHOUT OBTAINING THE EXPRESSED WRITTEN PERMISSION OF R.A.SMITH, INC.

© COPYRIGHT 2024 R.A. Smith, Inc.
DATE: 06/24/2024
SCALE: 1" = 10'
JOB NO. 2238109
PROJECT MANAGER: TIM BARBEAU, P.E., P.L.S.
DESIGNED BY: GLS
CHECKED BY: TGB
<b>SHEET NUMBER</b>
6

H:\2238109\Draw-Redline\Sheets\2238109-XS.dwg, 2238109-XS - CROSS SECTIONS (1), 6/24/2024, 3:01:53 PM, .scr



DATE	DESCRIPTION

16745 W. Bluemound Road  
 Brookfield, WI 53005-5938  
 (262) 781-1000  
 rasmith.com

**raSmith**  
 CREATIVITY BEYOND ENGINEERING

Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI  
 Cedarburg, WI | Naperville, IL | Irvine, CA

**2024 ROAD IMPROVEMENT PLAN**  
**VILLAGE OF PEWAUKEE**  
**ORCHARD AVE.**  
**CROSS SECTIONS**



**Know what's below.  
 Call before you dig.**

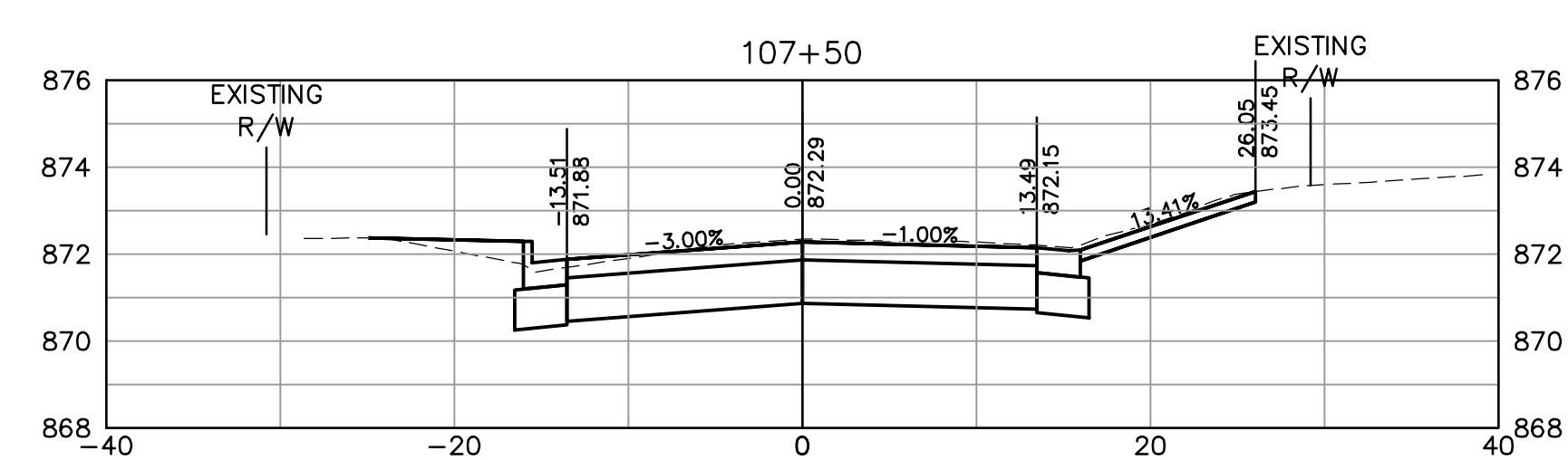
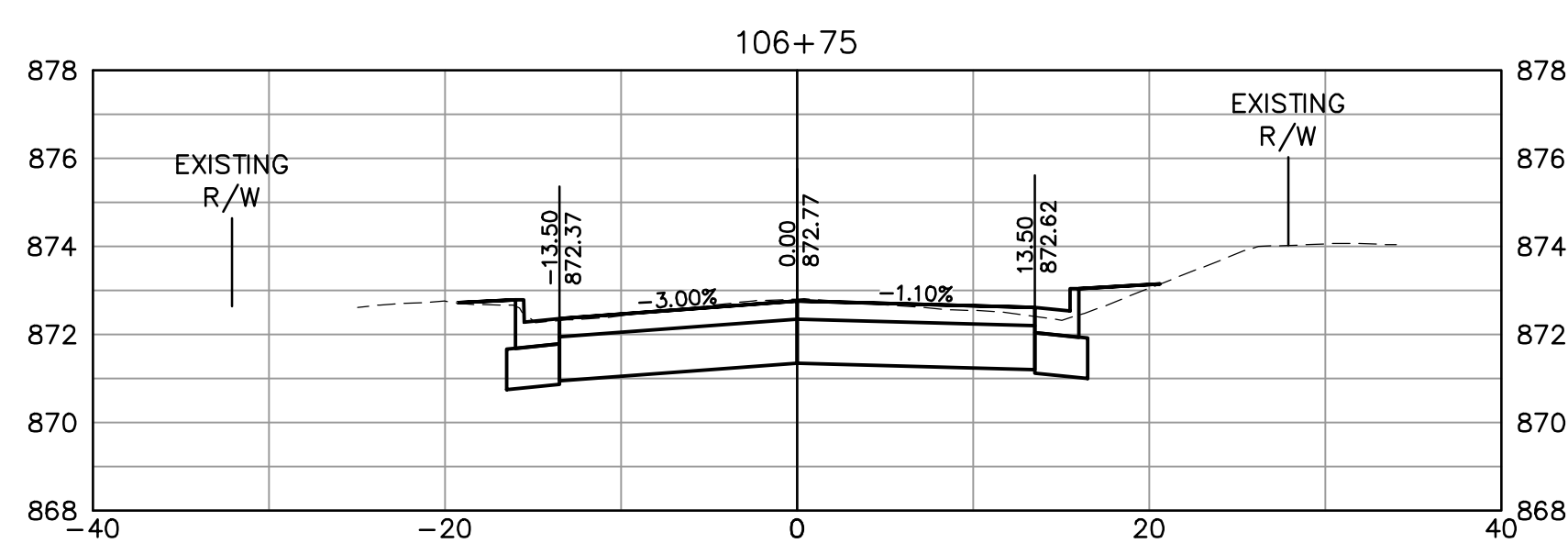
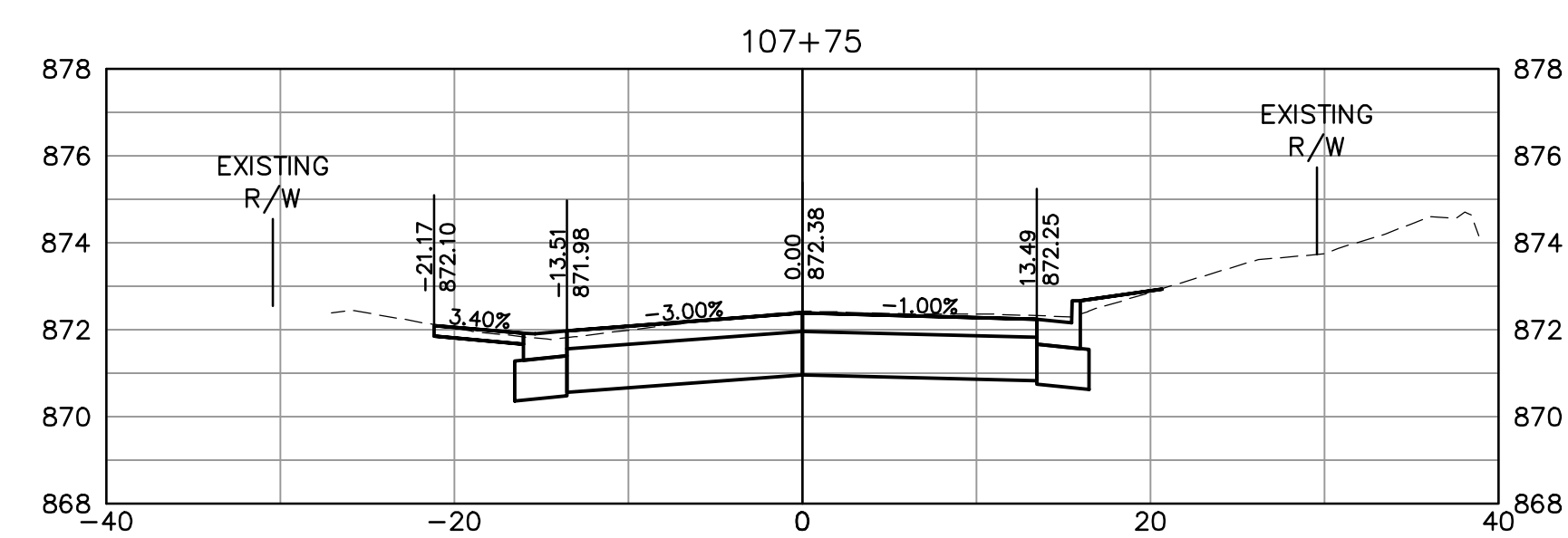
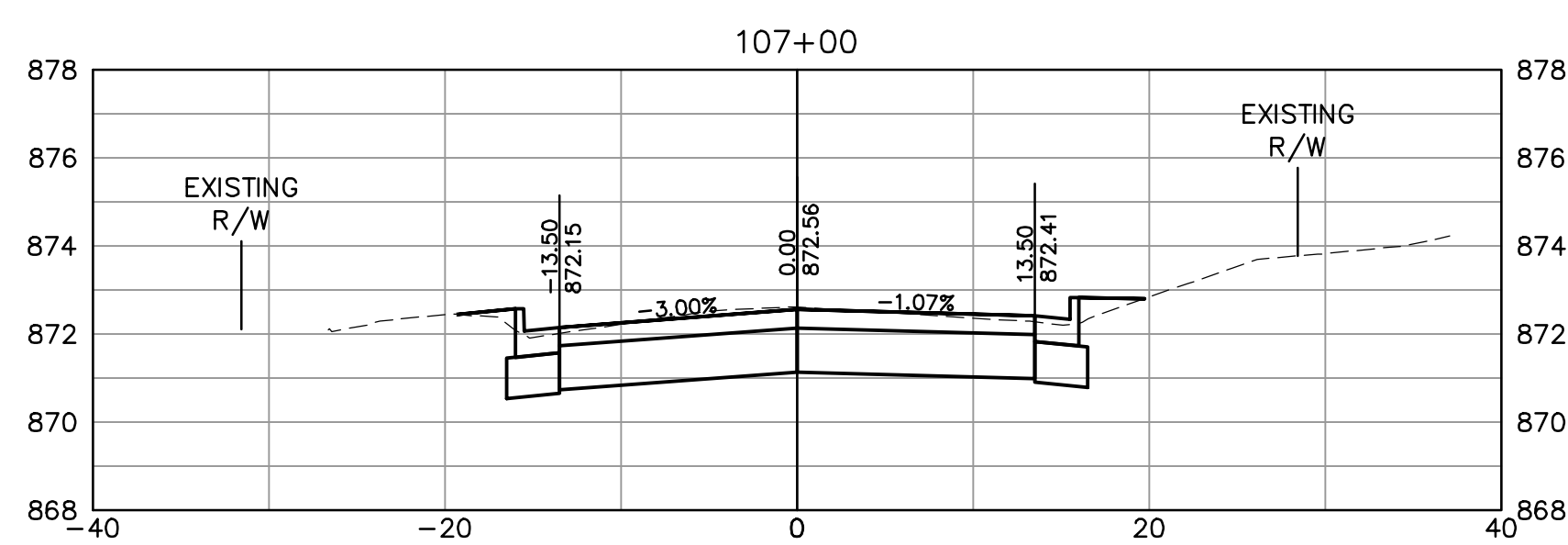
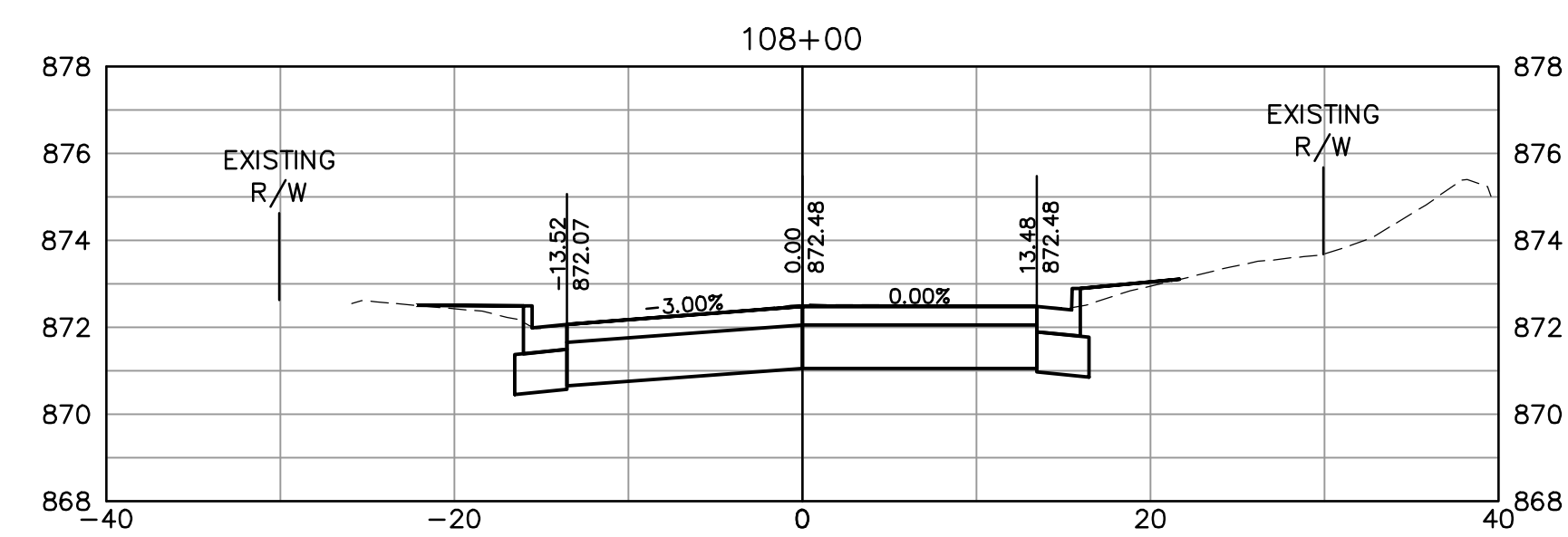
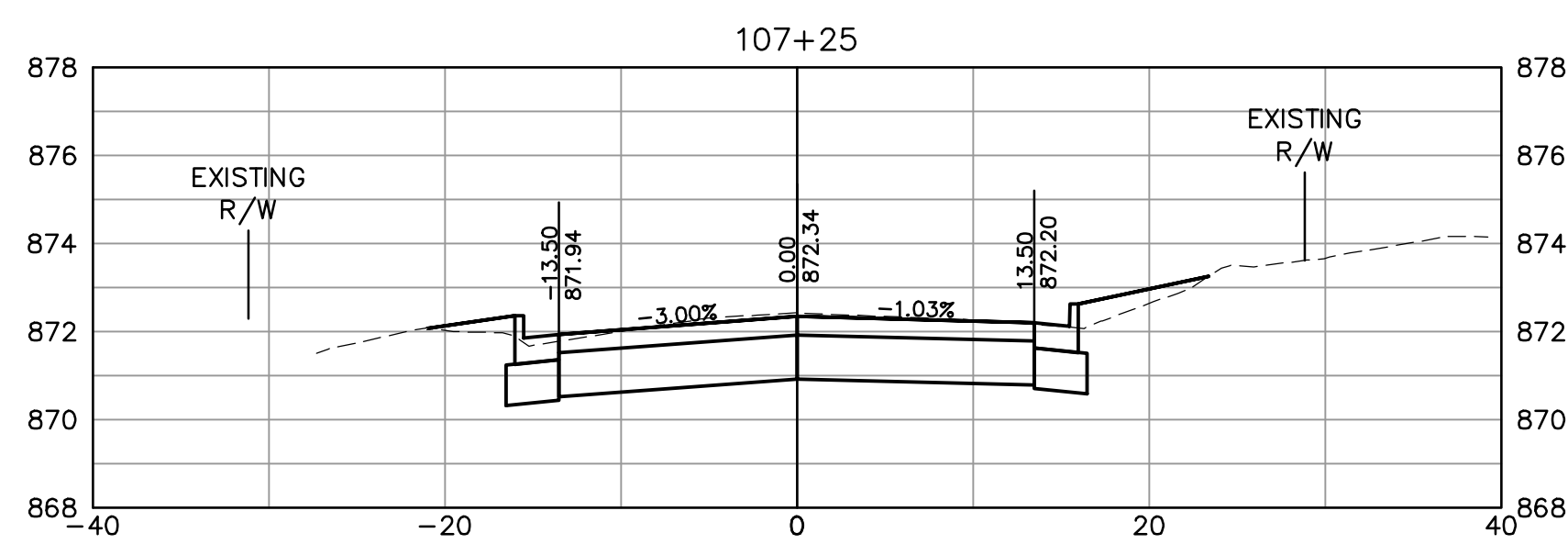
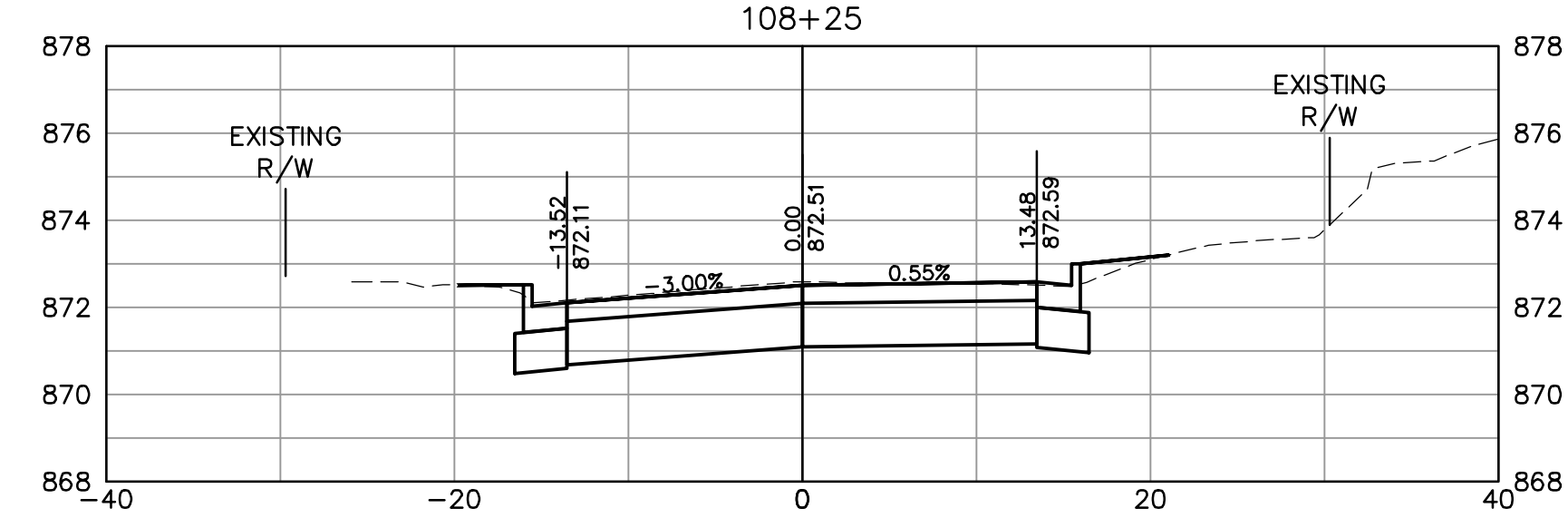
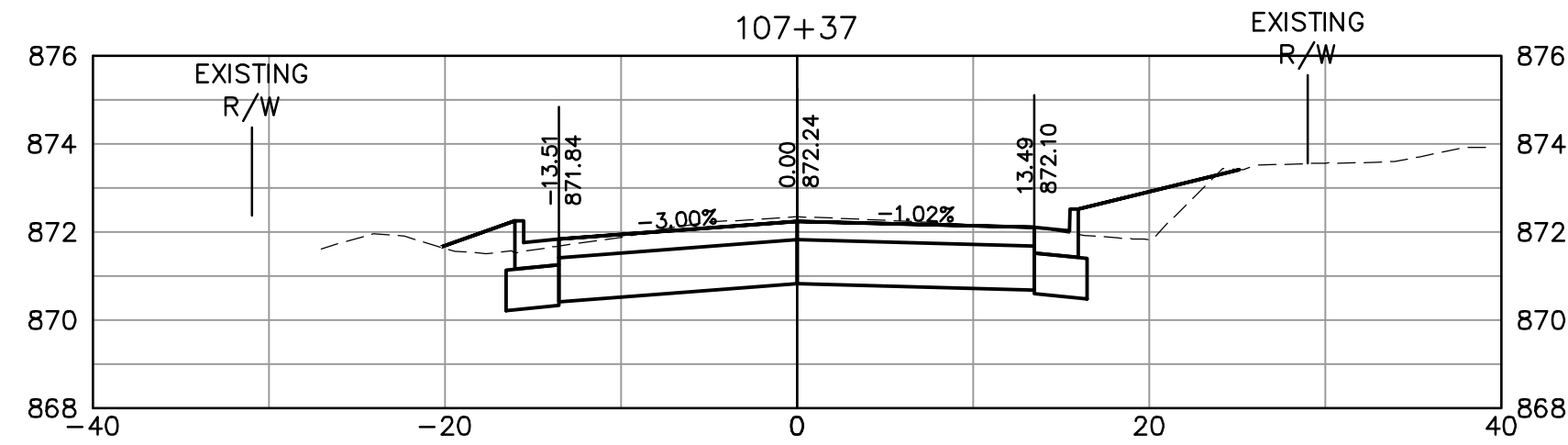
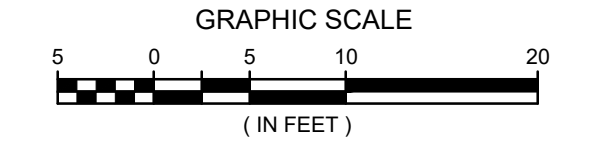
R.A.SMITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A.SMITH, INC.

ALL COPYRIGHTS TO THESE DRAWINGS ARE RESERVED. THEY MAY NOT BE COPIED, CHANGED, OR ASSIGNED TO ANY THIRD PARTY IN ANY MANNER WITHOUT OBTAINING THE EXPRESSED WRITTEN PERMISSION OF R.A.SMITH, INC.

© COPYRIGHT 2024 R.A. Smith, Inc.
DATE: 06/24/2024
SCALE: 1" = 10'
JOB NO. 2238109
PROJECT MANAGER: TIM BARBEAU, P.E., P.L.S.
DESIGNED BY: GLS
CHECKED BY: TGB
<b>SHEET NUMBER</b>
7

H:\2238109\Draw-Redline\Sheets\2238109-XS.dwg - 2238109-XS - CROSS SECTIONS (2), 6/24/2024, 3:02:00 PM, .scr





Know what's below.  
Call before you dig.

R.A.SMITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A.SMITH, INC.

ALL COPYRIGHTS TO THESE DRAWINGS ARE RESERVED. THEY MAY NOT BE COPIED, CHANGED, OR ASSIGNED TO ANY THIRD PARTY IN ANY MANNER WITHOUT OBTAINING THE EXPRESSED WRITTEN PERMISSION OF R.A.SMITH, INC.

DATE	DESCRIPTION

16745 W. Bluemound Road  
Brookfield, WI 53005-5938  
(262) 781-1000  
rasmith.com

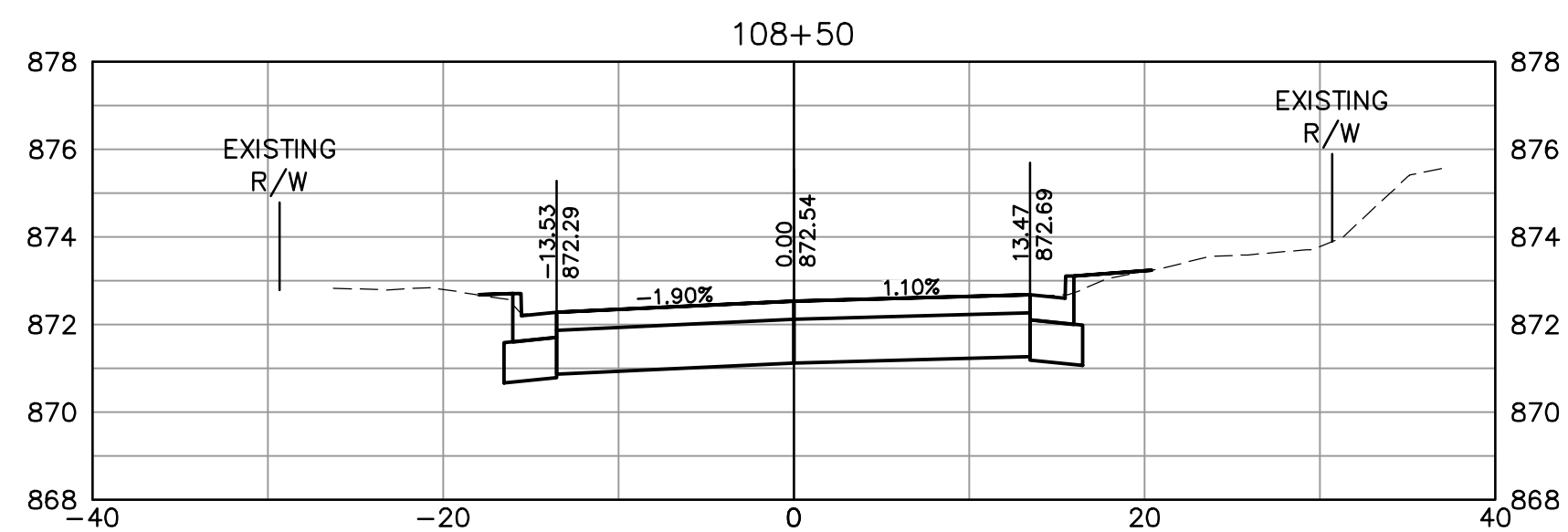
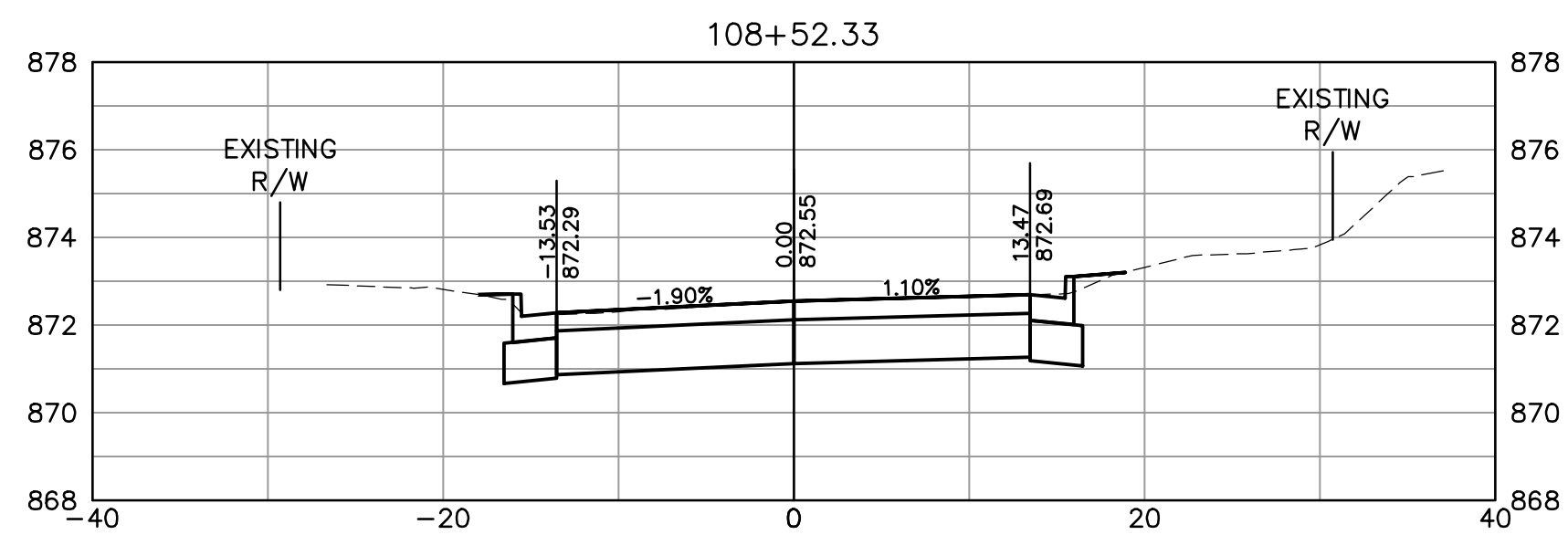
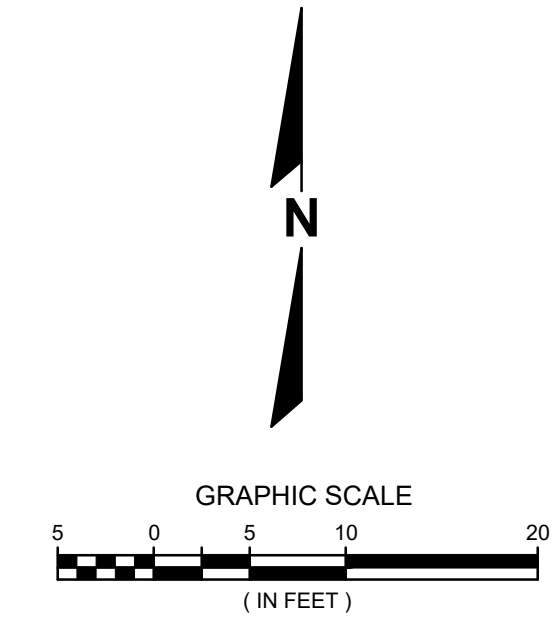
**raSmith**  
CREATIVITY BEYOND ENGINEERING

Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI  
Cedarburg, WI | Naperville, IL | Irvine, CA

**2024 ROAD IMPROVEMENT PLAN**  
**VILLAGE OF PEWAUKEE**  
**ORCHARD AVE.**  
**CROSS SECTIONS**

© COPYRIGHT 2024 R.A. Smith, Inc.
DATE: 06/24/2024
SCALE: 1" = 10'
JOB NO. 2238109
PROJECT MANAGER: TIM BARBEAU, P.E., P.L.S.
DESIGNED BY: GLS
CHECKED BY: TGB
<b>SHEET NUMBER</b>
8

H:\2238109\Draw-Redline\Sheets\2238109-AS.dwg, 2238109-AS - CROSS SECTIONS (3), 6/24/2024, 3:02:05 PM, .scr



Know what's below.  
Call before you dig.

R.A.SMITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A.SMITH, INC.

ALL COPYRIGHTS TO THESE DRAWINGS ARE RESERVED. THEY MAY NOT BE COPIED, CHANGED, OR ASSIGNED TO ANY THIRD PARTY IN ANY MANNER WITHOUT OBTAINING THE EXPRESSED WRITTEN PERMISSION OF R.A.SMITH, INC.

DATE	DESCRIPTION

16745 W. Bluemound Road  
Brookfield, WI 53005-5938  
(262) 781-1000  
rasmith.com

**raSmith**  
CREATIVITY BEYOND ENGINEERING

Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI  
Cedarburg, WI | Naperville, IL | Irvine, CA

**2024 ROAD IMPROVEMENT PLAN  
VILLAGE OF PEWAUKEE  
ORCHARD AVE.  
CROSS SECTIONS**

© COPYRIGHT 2024 R.A. Smith, Inc.
DATE: 06/24/2024
SCALE: 1" = 10'
JOB NO. 2238109
PROJECT MANAGER: TIM BARBEAU, P.E., P.L.S.
DESIGNED BY: GLS
CHECKED BY: TGB
<b>SHEET NUMBER</b>
9

H:\2238109\Draw-Redline\Sheets\2238109-XS.dwg - 2238109-XS - CROSS SECTIONS (4), 6/24/2024 3:02:10 PM, sst













Know what's below.  
Call before you dig.

R.A.SMITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A.SMITH, INC.

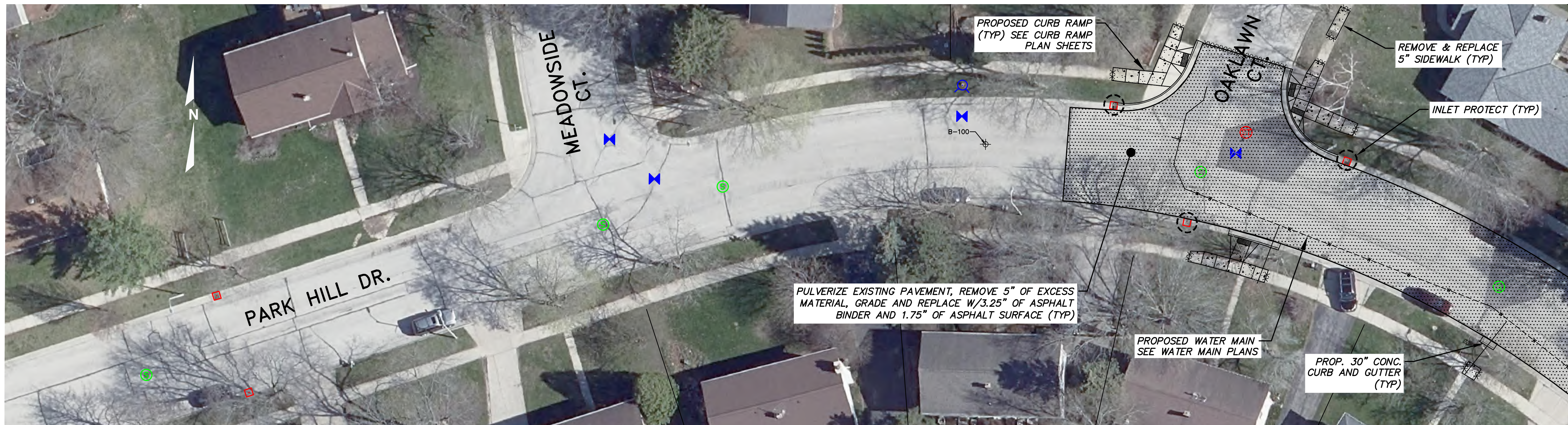
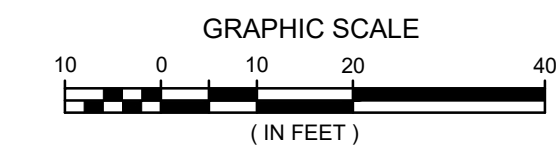
ALL COPYRIGHTS TO THESE DRAWINGS ARE RESERVED. THEY MAY NOT BE COPIED, CHANGED, OR ASSIGNED TO ANY THIRD PARTY IN ANY MANNER WITHOUT OBTAINING THE EXPRESSED WRITTEN PERMISSION OF R.A.SMITH, INC.

**NOTES:**

1. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS PLAN ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN INCLUDING ABANDONED WATER MAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES.

**LEGEND**

- STORM SEWER MANHOLE
- STORM SEWER CATCH BASIN
- SANITARY SEWER MANHOLE
- WATER MANHOLE
- HYDRANT
- WATER GATE VALVE



DATE	DESCRIPTION

**raSmith**  
CREATIVITY BEYOND ENGINEERING

16745 W. Bluemound Road  
Brookfield, WI 53005-5938  
(262) 781-1000  
rasmith.com

Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI  
Cedarburg, WI | Naperville, IL | Irvine, CA

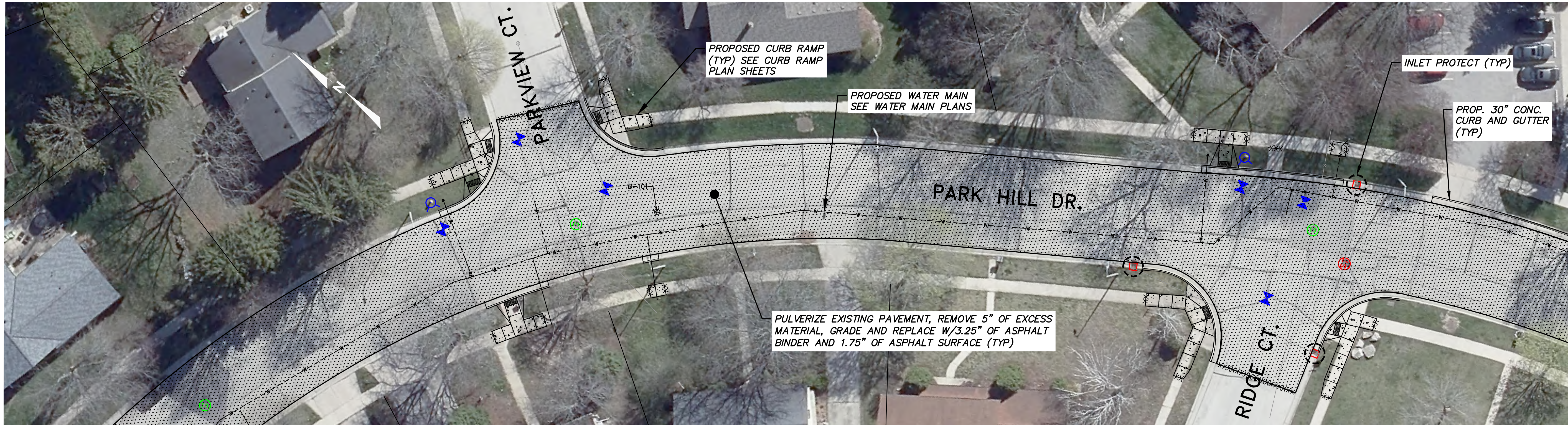
**2024 ROAD IMPROVEMENT PLAN  
VILLAGE OF PEWAUKEE**

**PARK HILL DR.  
PAVING PLAN**

© COPYRIGHT 2024 R.A. Smith, Inc.
DATE: 06/24/2024
SCALE: 1" = 20'
JOB NO. 2238109
PROJECT MANAGER: TIM BARBEAU, P.E., P.L.S.
DESIGNED BY: GLS
CHECKED BY: TGB
<b>SHEET NUMBER</b>
12

H:\2238109\Draw-Redline\Drawings\2024\2024\_Park Hill Dr.1\_6/24/2024\_3:05:18 PM.svf





PULVERIZE EXISTING PAVEMENT, REMOVE 5" OF EXCESS MATERIAL, GRADE AND REPLACE W/3.25" OF ASPHALT BINDER AND 1.75" OF ASPHALT SURFACE (TYP)



Know what's below.  
Call before you dig.

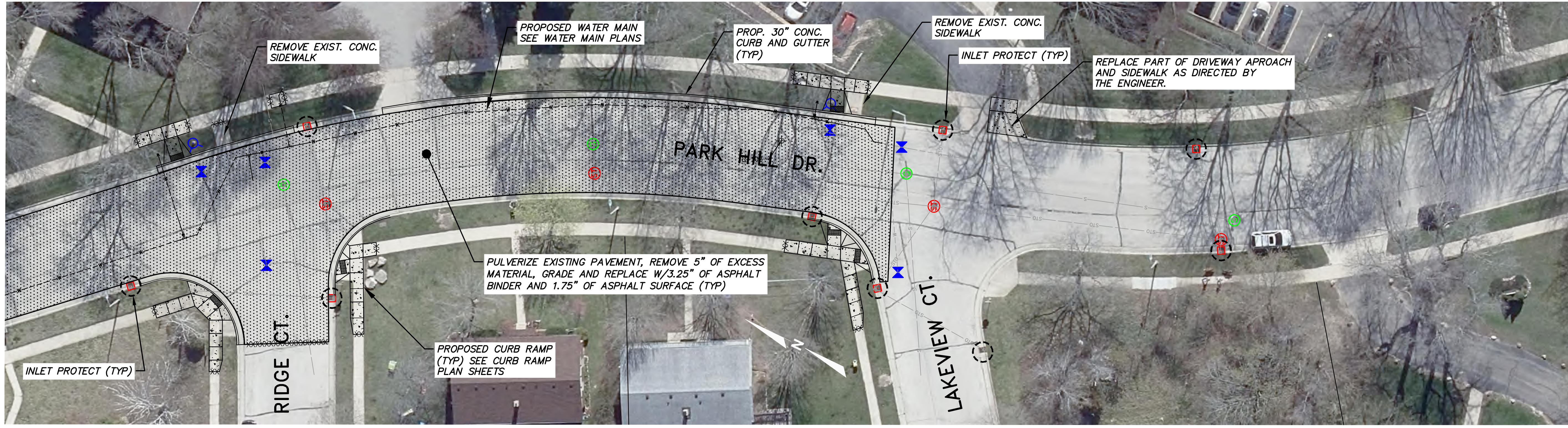
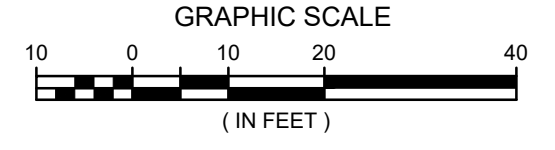
R.A.SMITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A.SMITH, INC. ALL COPYRIGHTS TO THESE DRAWINGS ARE RESERVED. THEY MAY NOT BE COPIED, CHANGED, OR ASSIGNED TO ANY THIRD PARTY IN ANY MANNER WITHOUT OBTAINING THE EXPRESSED WRITTEN PERMISSION OF R.A.SMITH, INC.

**NOTES:**

- THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS PLAN ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN INCLUDING ABANDONED WATER MAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES.

**LEGEND**

- STORM SEWER MANHOLE
- STORM SEWER CATCH BASIN
- SANITARY SEWER MANHOLE
- WATER MANHOLE
- HYDRANT
- WATER GATE VALVE



PULVERIZE EXISTING PAVEMENT, REMOVE 5" OF EXCESS MATERIAL, GRADE AND REPLACE W/3.25" OF ASPHALT BINDER AND 1.75" OF ASPHALT SURFACE (TYP)

DATE	DESCRIPTION

16745 W. Bluemound Road  
Brookfield, WI 53005-5938  
(262) 781-1000  
rasmith.com



CREATIVITY BEYOND ENGINEERING  
Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI  
Cedarburg, WI | Naperville, IL | Irvine, CA

**2024 ROAD IMPROVEMENT PLAN  
VILLAGE OF PEWAUKEE**

**PARK HILL DR.  
PAVING PLAN**

© COPYRIGHT 2024  
R.A. Smith, Inc.  
DATE: 06/24/2024  
SCALE: 1" = 20'  
JOB NO. 2238109  
PROJECT MANAGER:  
TIM BARBEAU, P.E., P.L.S.  
DESIGNED BY: GLS  
CHECKED BY: TGB

**SHEET NUMBER**  
13

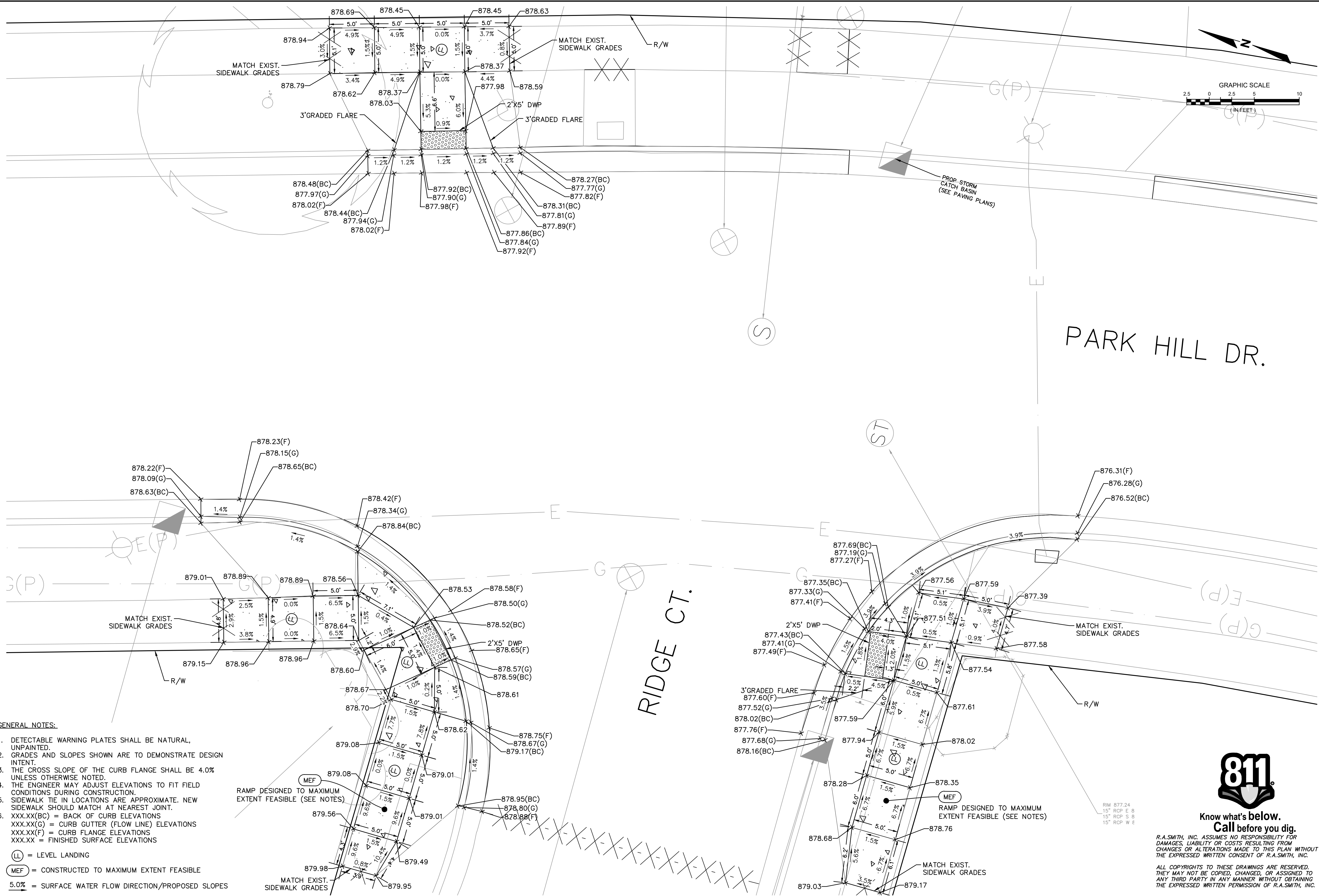












- GENERAL NOTES:**
1. DETECTABLE WARNING PLATES SHALL BE NATURAL, UNPAINTED.
  2. GRADES AND SLOPES SHOWN ARE TO DEMONSTRATE DESIGN INTENT.
  3. THE CROSS SLOPE OF THE CURB FLANGE SHALL BE 4.0% UNLESS OTHERWISE NOTED.
  4. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS DURING CONSTRUCTION.
  5. SIDEWALK TIE IN LOCATIONS ARE APPROXIMATE. NEW SIDEWALK SHOULD MATCH AT NEAREST JOINT.
  6. XXX.XX(BC) = BACK OF CURB ELEVATIONS  
 XXX.XX(G) = CURB GUTTER (FLOW LINE) ELEVATIONS  
 XXX.XX(F) = CURB FLANGE ELEVATIONS  
 XXX.XX = FINISHED SURFACE ELEVATIONS
- (LL) = LEVEL LANDING  
 (MEF) = CONSTRUCTED TO MAXIMUM EXTENT FEASIBLE  
 5.0% = SURFACE WATER FLOW DIRECTION/PROPOSED SLOPES

DESCRIPTION

16745 W. Bluemound Road  
 Brookfield, WI 53005-5938  
 (262) 781-1000  
 rasmith.com

**rasmith**  
 CREATIVITY BEYOND ENGINEERING

Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI  
 Cedarburg, WI | Naperville, IL | Irvine, CA

**2024 ROAD IMPROVEMENT PLAN  
 VILLAGE OF PEWAUKEE  
 RIDGE CT. & PARK HILL DR.  
 CURB RAMP DETAILS**

© COPYRIGHT 2024 R.A. Smith, Inc.
DATE: 06/24/2024
SCALE: 1"=5'
JOB NO. 2238109
PROJECT MANAGER: TIM BARBEAU, P.E., P.L.S.
DESIGNED BY: GLS
CHECKED BY: TGB
<b>SHEET NUMBER</b> 16

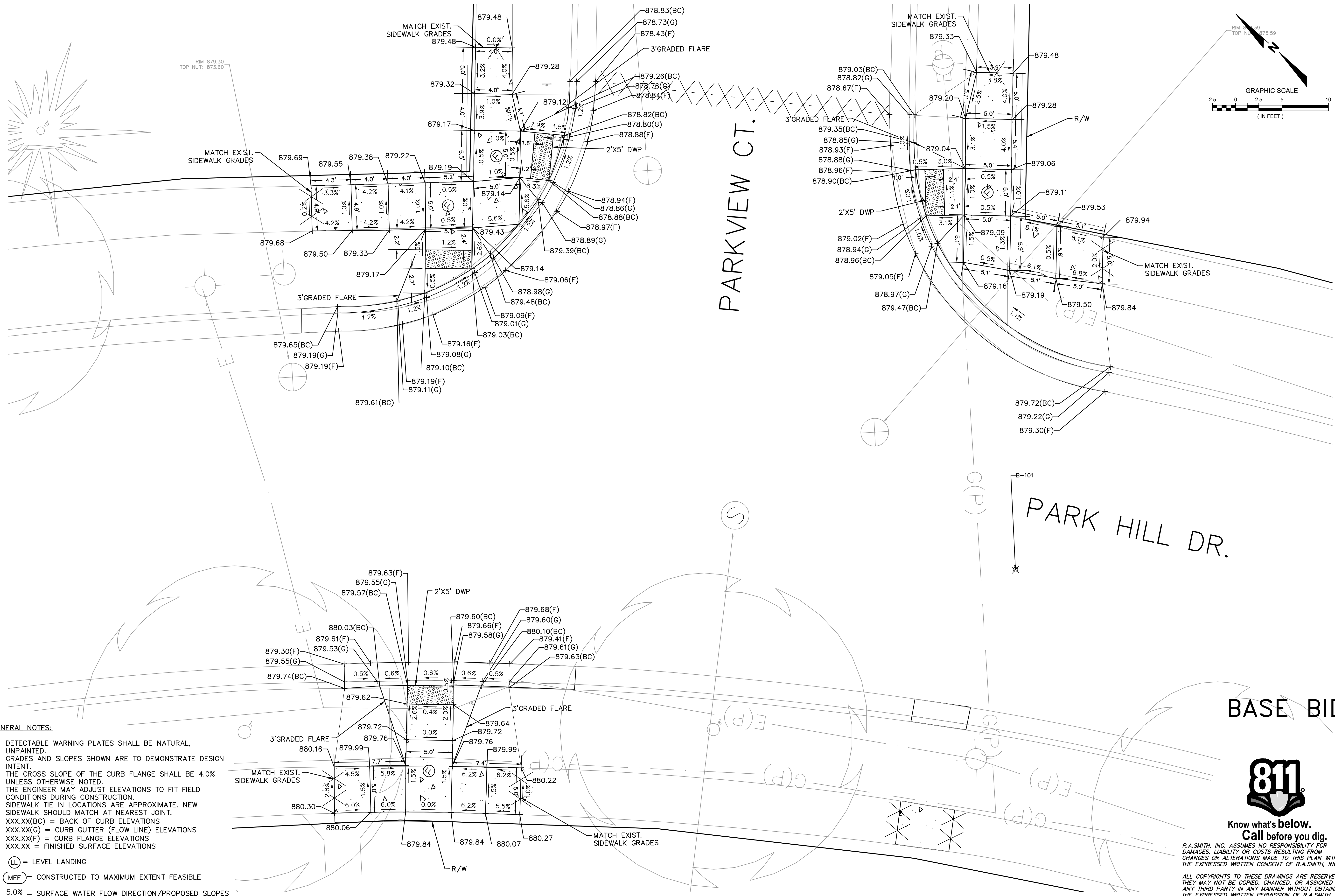


**Know what's below.  
 Call before you dig.**

R.A. SMITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A. SMITH, INC.

ALL COPYRIGHTS TO THESE DRAWINGS ARE RESERVED. THEY MAY NOT BE COPIED, CHANGED, OR ASSIGNED TO ANY THIRD PARTY IN ANY MANNER WITHOUT OBTAINING THE EXPRESSED WRITTEN PERMISSION OF R.A. SMITH, INC.





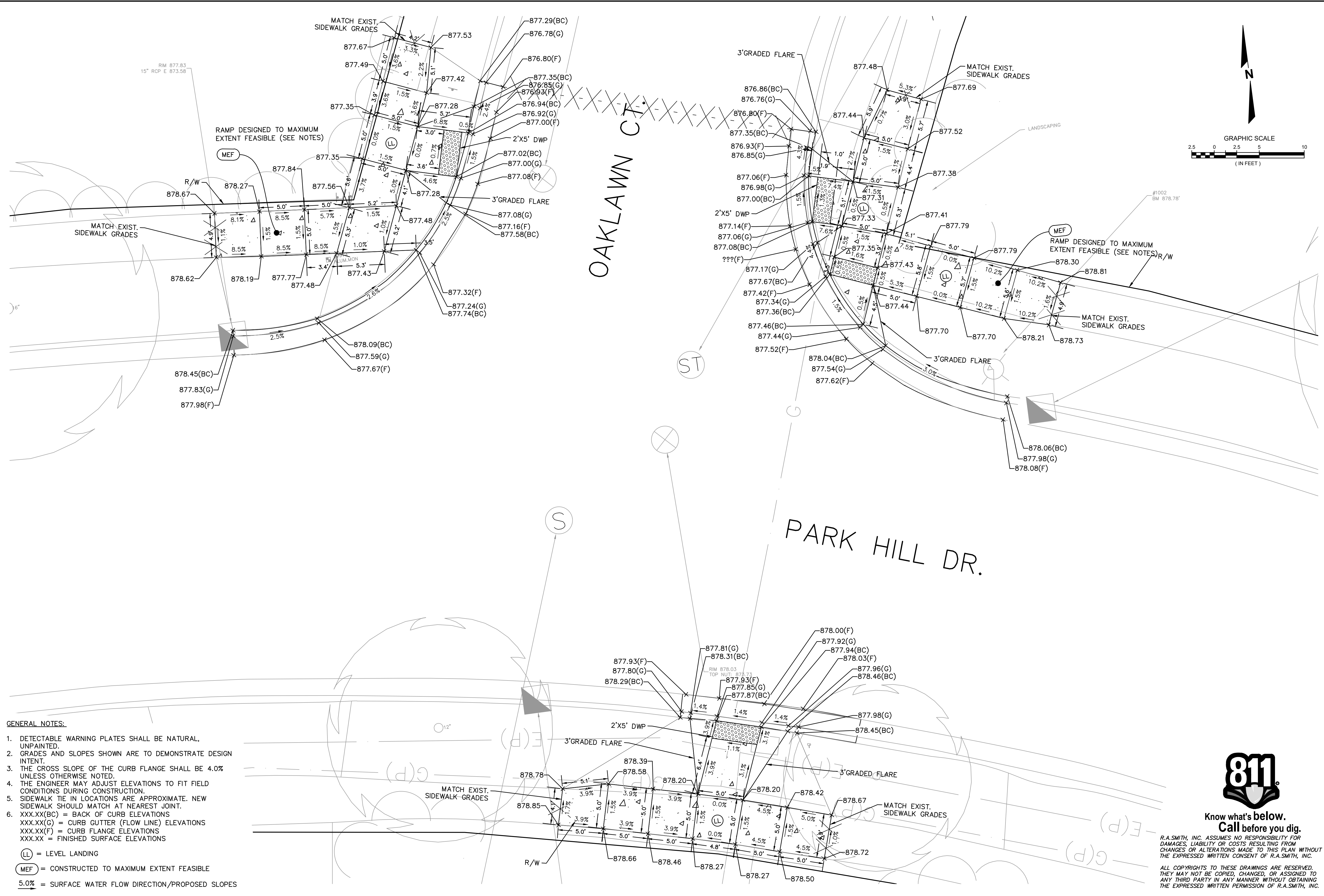
**GENERAL NOTES:**

1. DETECTABLE WARNING PLATES SHALL BE NATURAL, UNPAINTED.
2. GRADES AND SLOPES SHOWN ARE TO DEMONSTRATE DESIGN INTENT.
3. THE CROSS SLOPE OF THE CURB FLANGE SHALL BE 4.0% UNLESS OTHERWISE NOTED.
4. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS DURING CONSTRUCTION.
5. SIDEWALK TIE IN LOCATIONS ARE APPROXIMATE. NEW SIDEWALK SHOULD MATCH AT NEAREST JOINT.
6. XXX.XX(BC) = BACK OF CURB ELEVATIONS  
 XXX.XX(G) = CURB GUTTER (FLOW LINE) ELEVATIONS  
 XXX.XX(F) = CURB FLANGE ELEVATIONS  
 XXX.XX = FINISHED SURFACE ELEVATIONS

- ⊕ = LEVEL LANDING  
 MEF = CONSTRUCTED TO MAXIMUM EXTENT FEASIBLE  
 5.0% = SURFACE WATER FLOW DIRECTION/PROPOSED SLOPES

DESCRIPTION	
DATE	
<p>16745 W. Bluemound Road          Brookfield, WI 53005-5938          (262) 781-1000  <a href="http://rasmith.com">rasmith.com</a></p> <p>CREATIVITY BEYOND ENGINEERING</p> <p style="font-size: 8px;">Brookfield, WI   Milwaukee, WI   Appleton, WI   Madison, WI          Cedarburg, WI   Naperville, IL   Irvine, CA</p>	
<p><b>2024 ROAD IMPROVEMENT PLAN</b>  <b>VILLAGE OF PEWAUKEE</b></p>	<p><b>PARKVIEW CT. &amp; PARK HILL DR.</b>  <b>CURB RAMP DETAILS</b></p>
<p><b>Know what's below.          Call before you dig.</b></p> <p style="font-size: 8px;">R.A. SMITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A. SMITH, INC.</p> <p style="font-size: 8px;">ALL COPYRIGHTS TO THESE DRAWINGS ARE RESERVED. THEY MAY NOT BE COPIED, CHANGED, OR ASSIGNED TO ANY THIRD PARTY IN ANY MANNER WITHOUT OBTAINING THE EXPRESSED WRITTEN PERMISSION OF R.A. SMITH, INC.</p>	
<p>© COPYRIGHT 2024          R.A. Smith, Inc.          DATE: 06/24/2024          SCALE: 1"=5'          JOB NO. 2238109          PROJECT MANAGER:          TIM BARBEAU, P.E., P.L.S.          DESIGNED BY: GLS          CHECKED BY: TGB</p>	
<p><b>SHEET NUMBER</b></p> <p style="font-size: 24px; font-weight: bold;">17</p>	





**GENERAL NOTES:**

1. DETECTABLE WARNING PLATES SHALL BE NATURAL, UNPAINTED.
2. GRADES AND SLOPES SHOWN ARE TO DEMONSTRATE DESIGN INTENT.
3. THE CROSS SLOPE OF THE CURB FLANGE SHALL BE 4.0% UNLESS OTHERWISE NOTED.
4. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS DURING CONSTRUCTION.
5. SIDEWALK TIE IN LOCATIONS ARE APPROXIMATE. NEW SIDEWALK SHOULD MATCH AT NEAREST JOINT.
6. XXX.XX(BC) = BACK OF CURB ELEVATIONS  
XXX.XX(G) = CURB GUTTER (FLOW LINE) ELEVATIONS  
XXX.XX(F) = CURB FLANGE ELEVATIONS  
XXX.XX = FINISHED SURFACE ELEVATIONS

(LL) = LEVEL LANDING  
 (MEF) = CONSTRUCTED TO MAXIMUM EXTENT FEASIBLE  
 5.0% = SURFACE WATER FLOW DIRECTION/PROPOSED SLOPES

**811**  
 Know what's below.  
 Call before you dig.  
 R.A.SMITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A.SMITH, INC.  
 ALL COPYRIGHTS TO THESE DRAWINGS ARE RESERVED. THEY MAY NOT BE COPIED, CHANGED, OR ASSIGNED TO ANY THIRD PARTY IN ANY MANNER WITHOUT OBTAINING THE EXPRESSED WRITTEN PERMISSION OF R.A.SMITH, INC.

DATE	DESCRIPTION

16745 W. Bluemound Road Brookfield, WI 53005-5938 (262) 781-1000 rasmith.com
<b>raSmith</b> CREATIVITY BEYOND ENGINEERING
Brookfield, WI   Milwaukee, WI   Appleton, WI   Madison, WI Cedarburg, WI   Naperville, IL   Irvine, CA

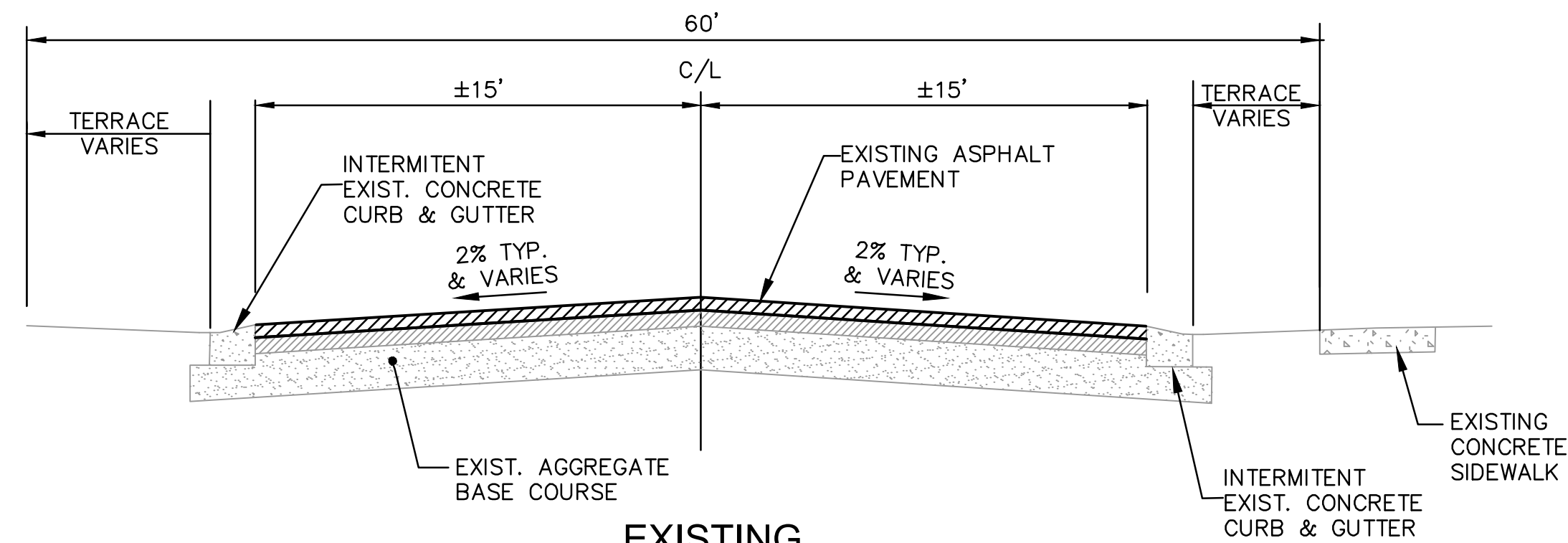
  

<b>2024 ROAD IMPROVEMENT PLAN VILLAGE OF PEWAUKEE</b>
<b>OAKLAWN CT. &amp; PARK HILL DR. CURB RAMP DETAILS</b>

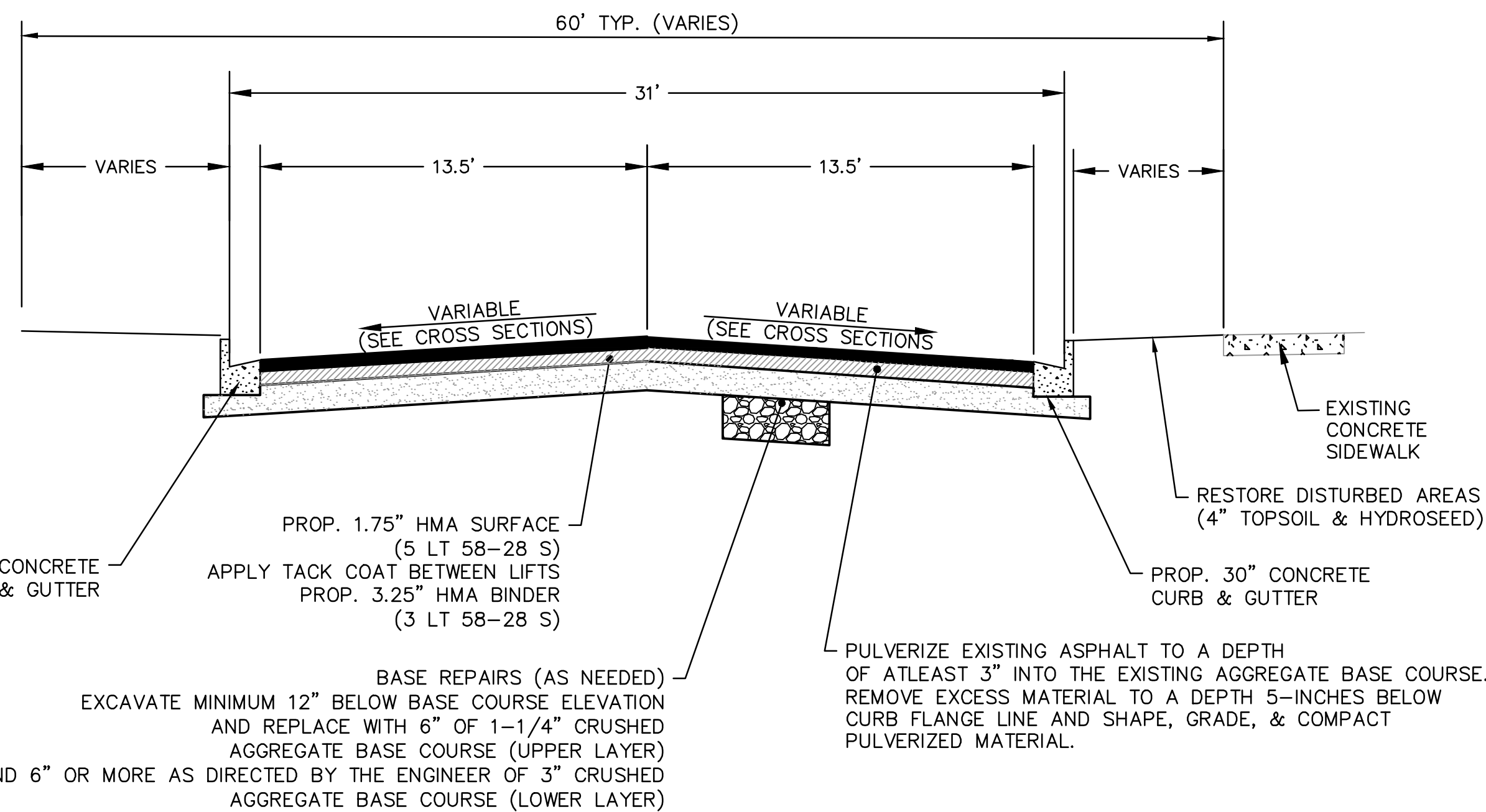
  

© COPYRIGHT 2024 R.A. Smith, Inc.
DATE: 06/24/2024
SCALE: 1"=5'
JOB NO. 2238109
PROJECT MANAGER: TIM BARBEAU, P.E., P.L.S.
DESIGNED BY: GLS
CHECKED BY: TGB
<b>SHEET NUMBER</b> 18

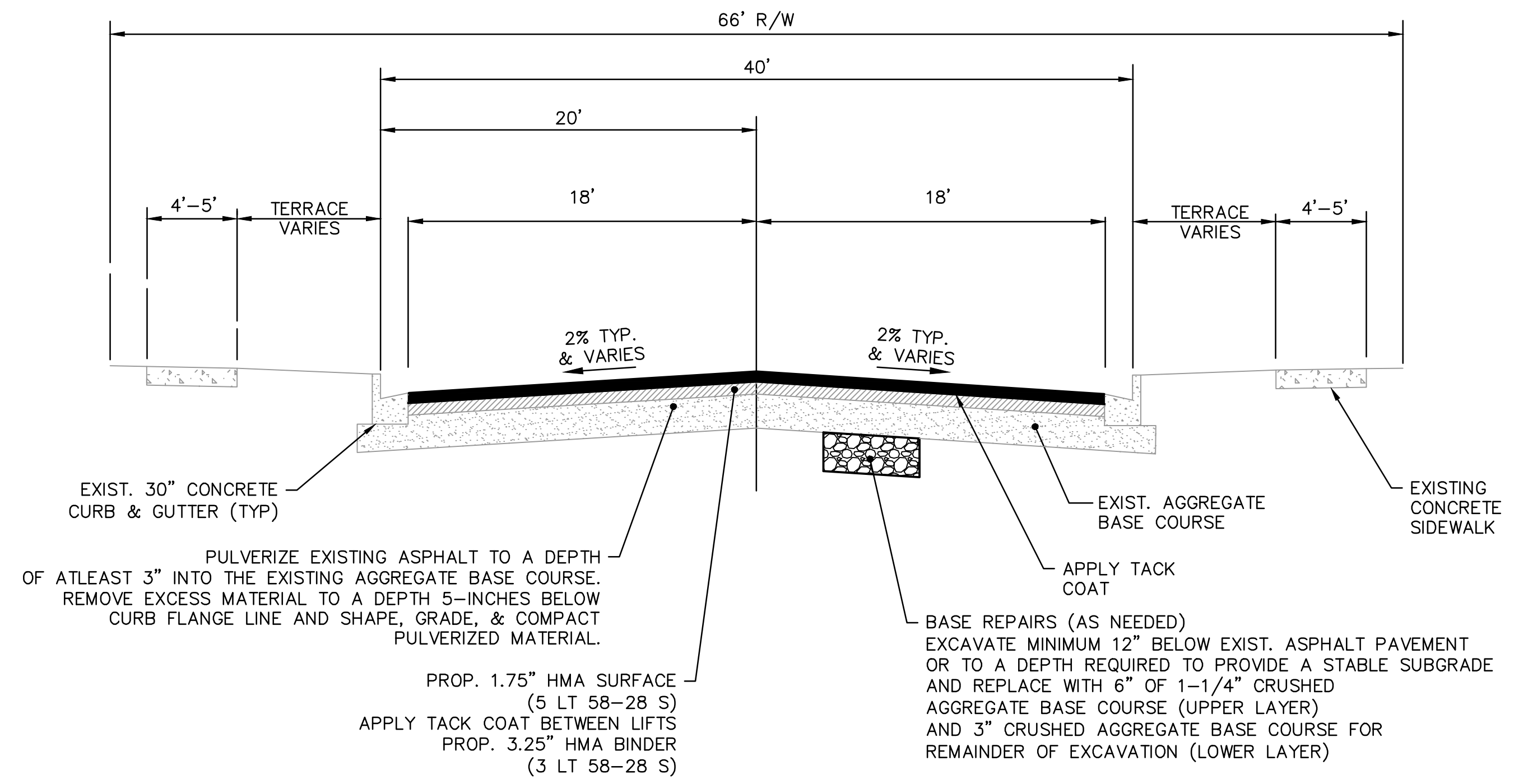




**EXISTING  
TYPICAL ROADWAY CROSS SECTION  
ORCHARD AVE**  
N.T.S.



**PROPOSED  
TYPICAL ROADWAY CROSS SECTION  
ORCHARD AVE  
(STA 102+103+44 - LAKE ST)**  
N.T.S.



**EXISTING/PROPOSED  
TYPICAL ROADWAY CROSS SECTION  
PARK HILL DRIVE**  
N.T.S.

DESCRIPTION

DATE

16745 W. Bluemound Road  
Brookfield, WI 53005-5938  
(262) 781-1000  
rasmith.com

**rasmith**  
CREATIVITY BEYOND ENGINEERING

Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI  
Cedarburg, WI | Naperville, IL | Irvine, CA

**2024 ROAD IMPROVEMENT PLAN  
VILLAGE OF PEWAUKEE**

**TYPICAL SECTIONS**

© COPYRIGHT 2024  
R.A. Smith, Inc.

DATE: 06/24/2024

SCALE: N.T.S.

JOB NO. 2238109

PROJECT MANAGER:  
TIM BARBEAU, P.E., P.L.S.

DESIGNED BY: GLS

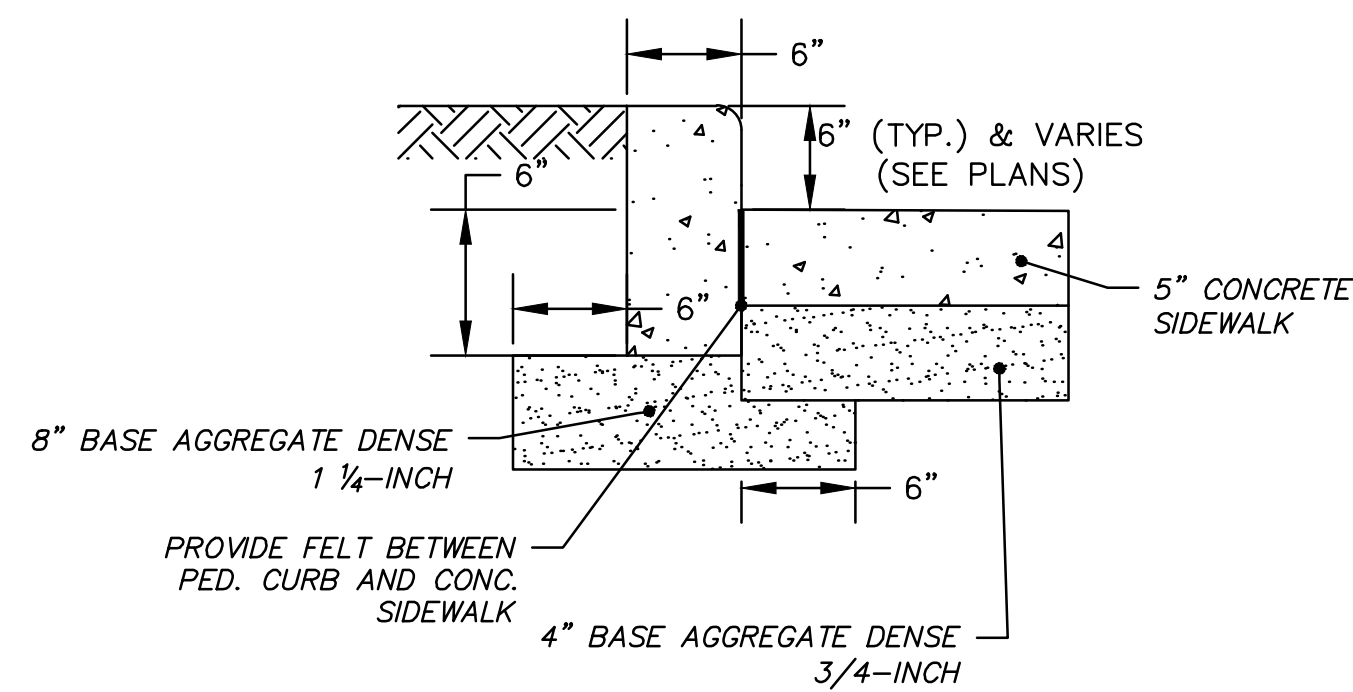
CHECKED BY: TGB

**SHEET NUMBER**

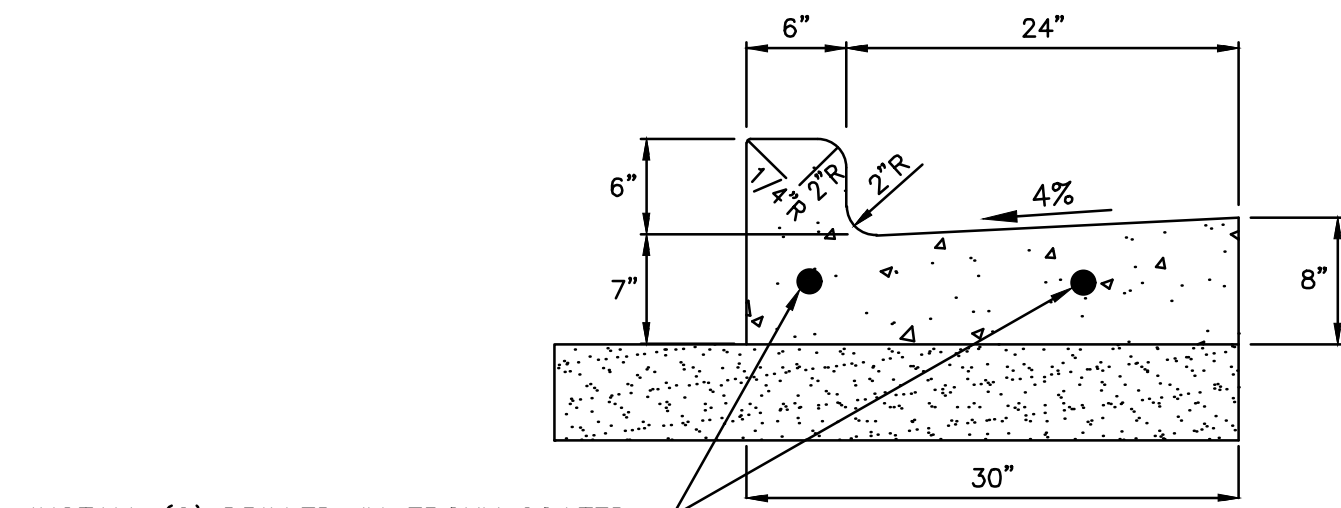
19

H:\2238109\Drawings-Rebid\Sheets\2238109-TYP01.dwg - 2238109-TYP01 - TYP01, 6/24/2024, 3:04:42 PM, .scr

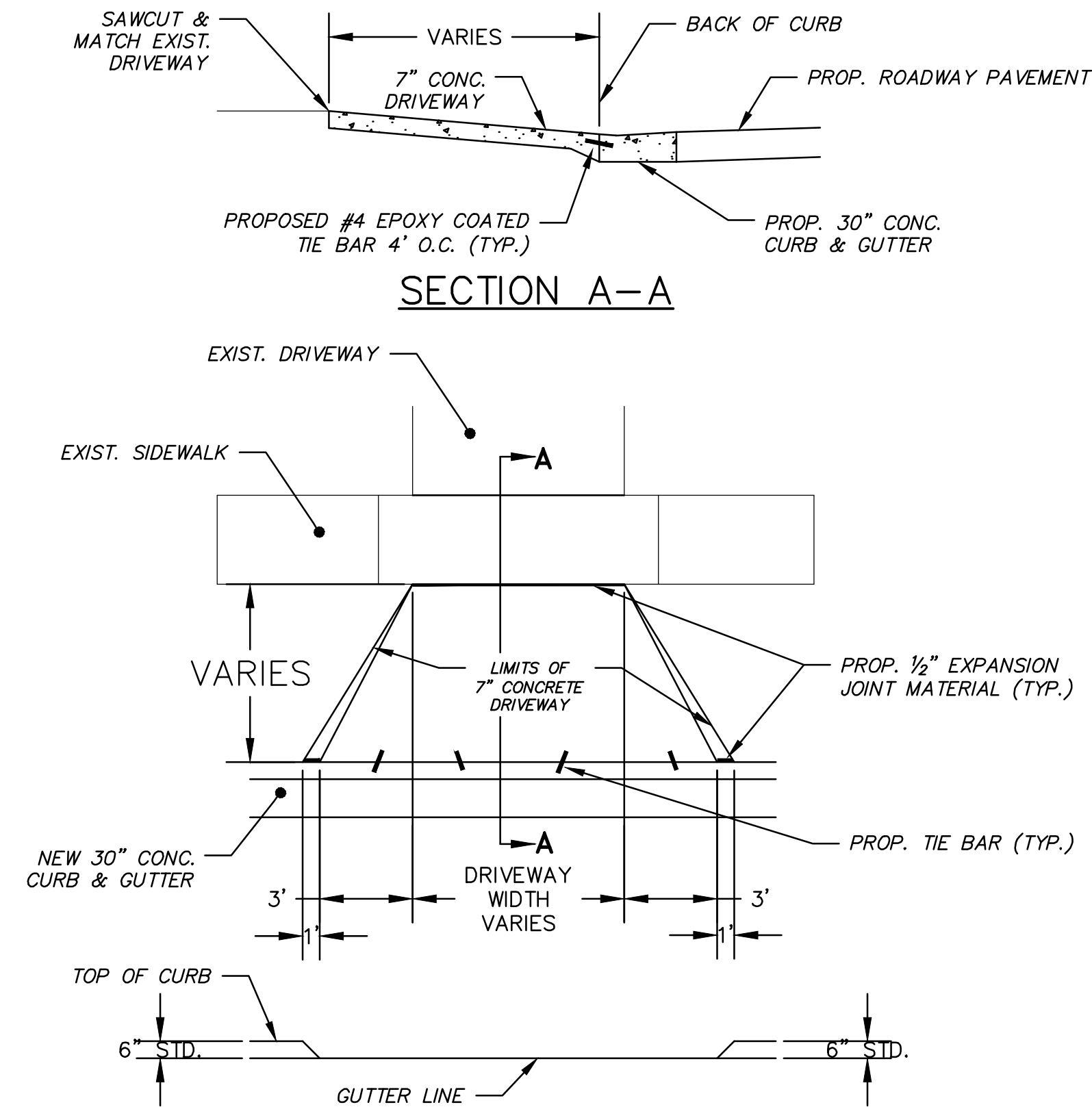




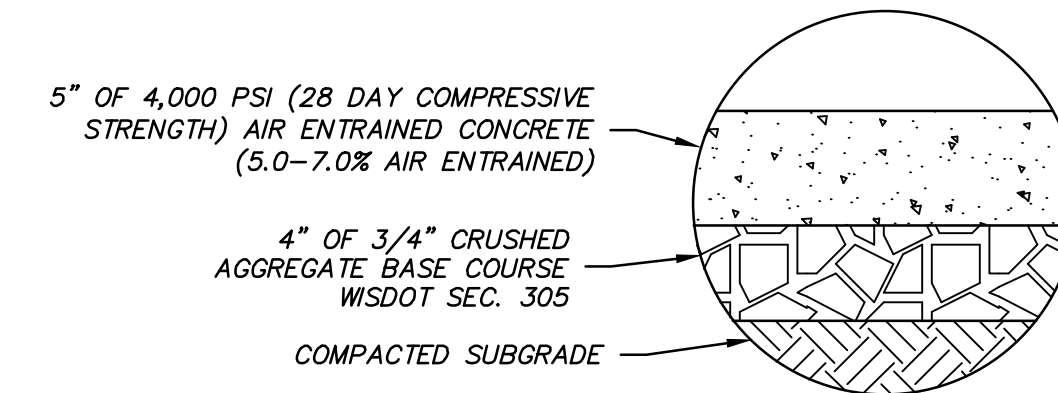
**CONCRETE PEDESTRIAN CURB DETAIL**  
N.T.S.



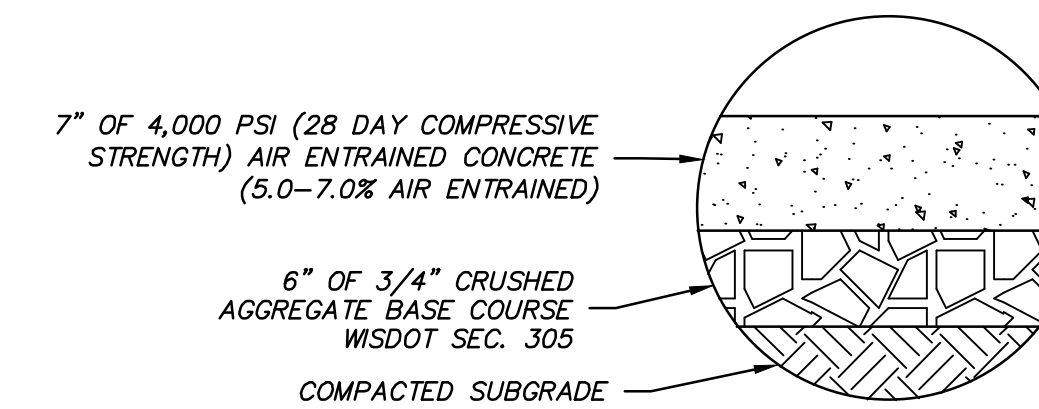
**30" VERTICAL FACE CONCRETE CURB & GUTTER DETAIL**  
N.T.S.



**7-INCH CONCRETE DRIVEWAY DETAIL**  
N.T.S.



**5" CONCRETE SIDEWALK SECTION**



**7" CONCRETE DRIVEWAY SECTION**

DESCRIPTION

DATE

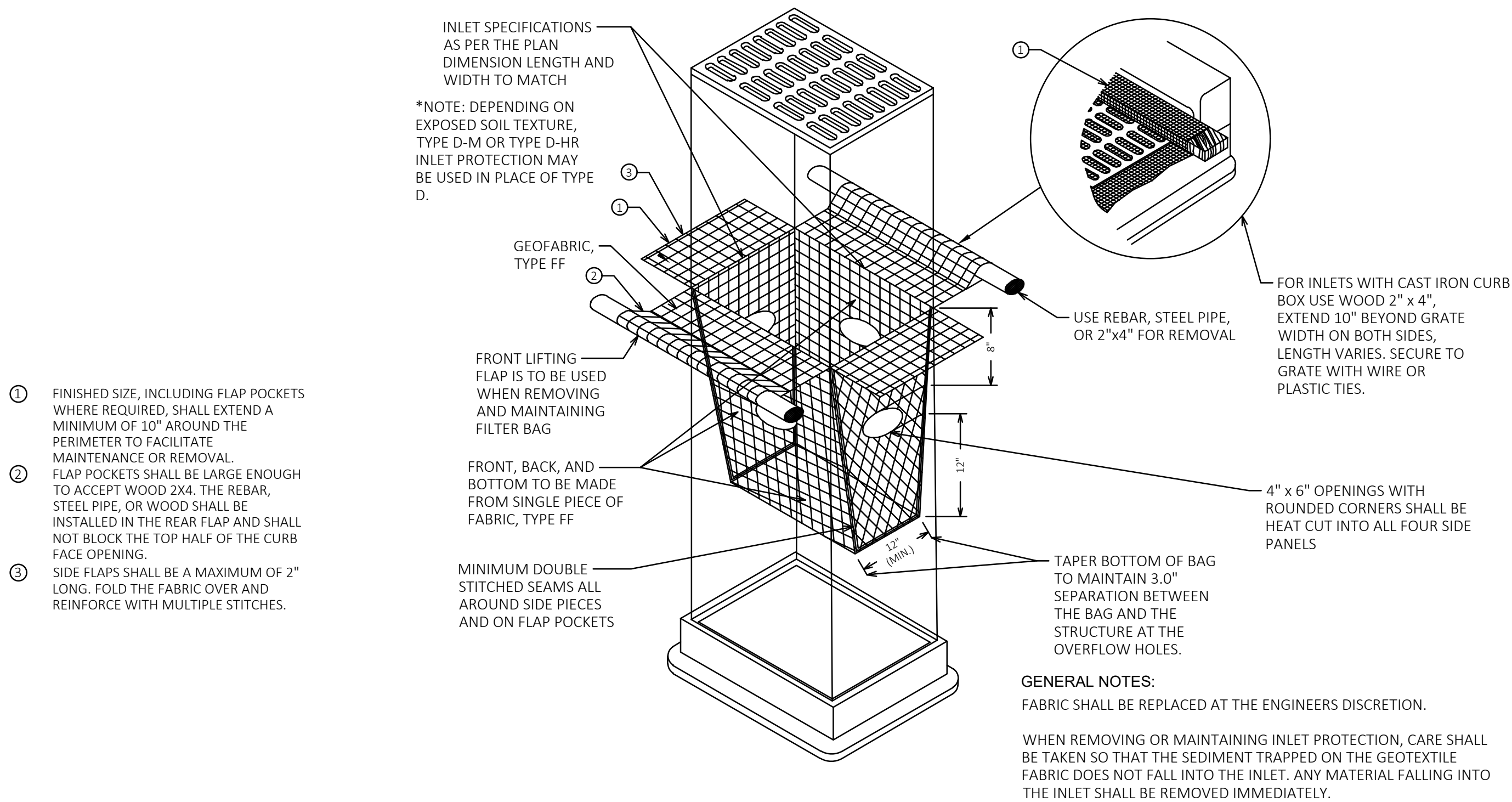
16745 W. Bluemound Road  
Brookfield, WI 53005-5938  
(262) 781-1000  
rasmith.com

**raSmith**  
CREATIVITY BEYOND ENGINEERING

Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI  
Cedarburg, WI | Naperville, IL | Irvine, CA

**2024 ROAD IMPROVEMENT PLAN  
VILLAGE OF PEWAUKEE**

**DETAILS**



**INLET PROTECTION DETAIL**

**GENERAL NOTES:**

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

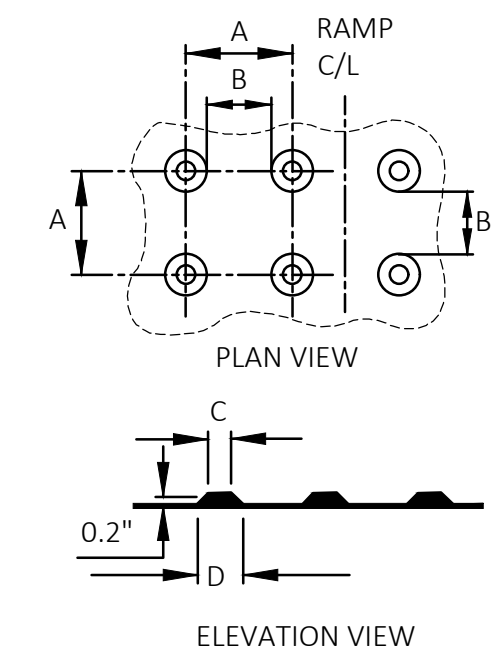
PLACE ALL DETECTABLE WARNING PLATE SYSTEMS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.

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

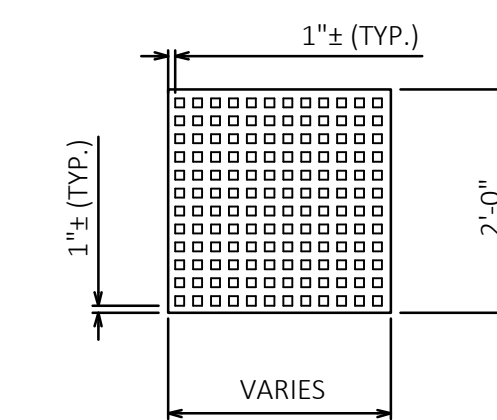
DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD CUT PLATES.

	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.



**TRUNCATED DOMES**



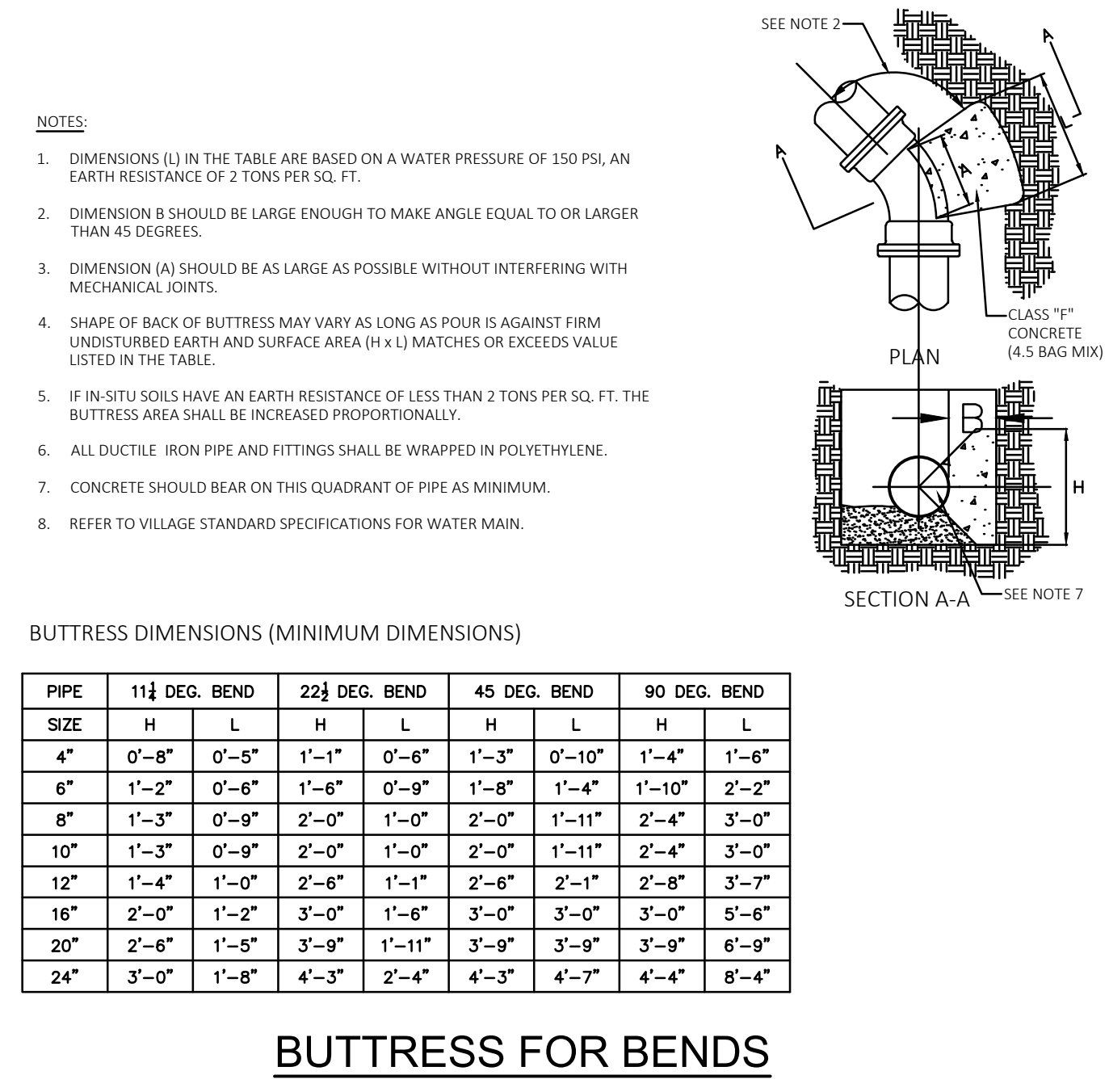
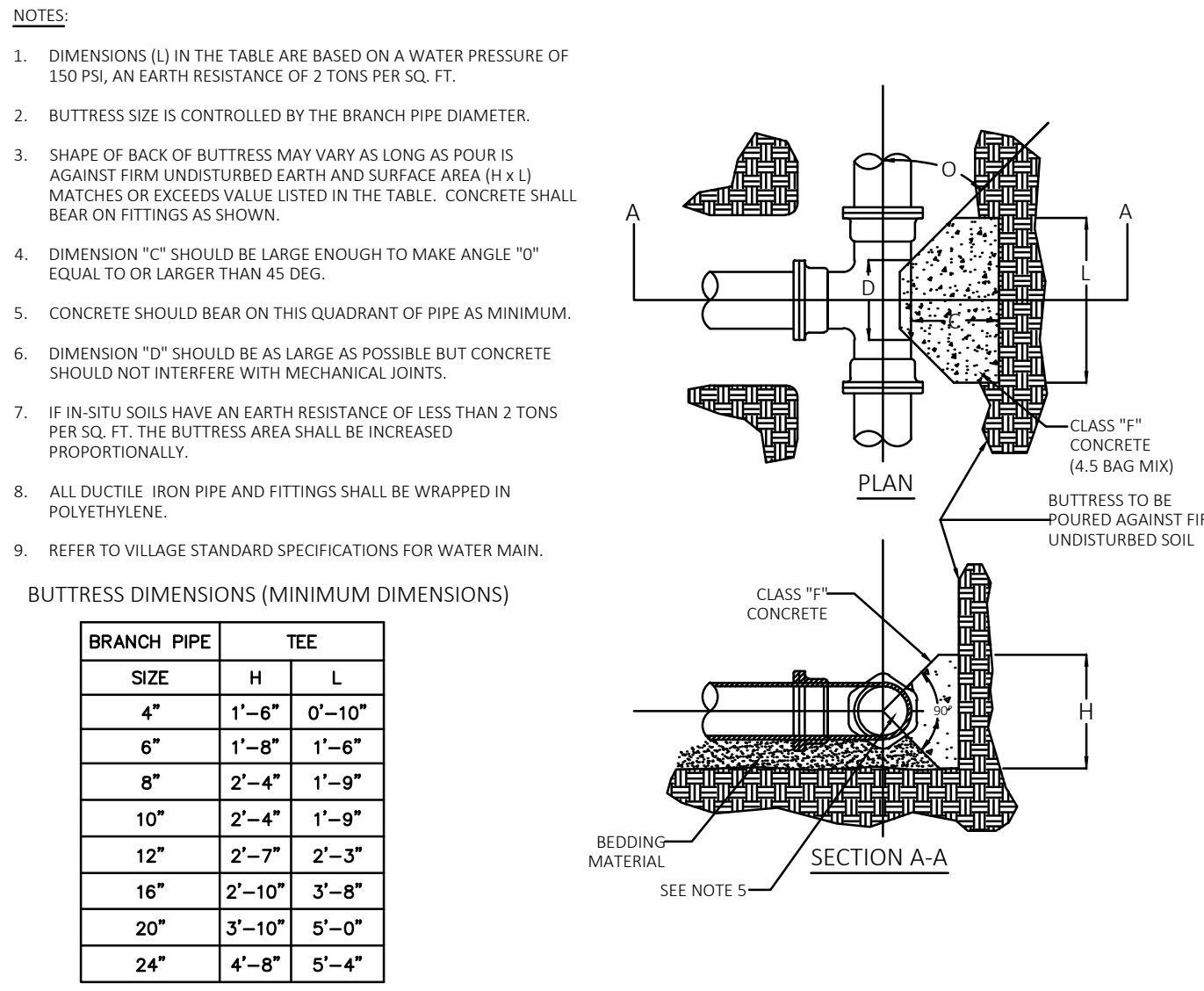
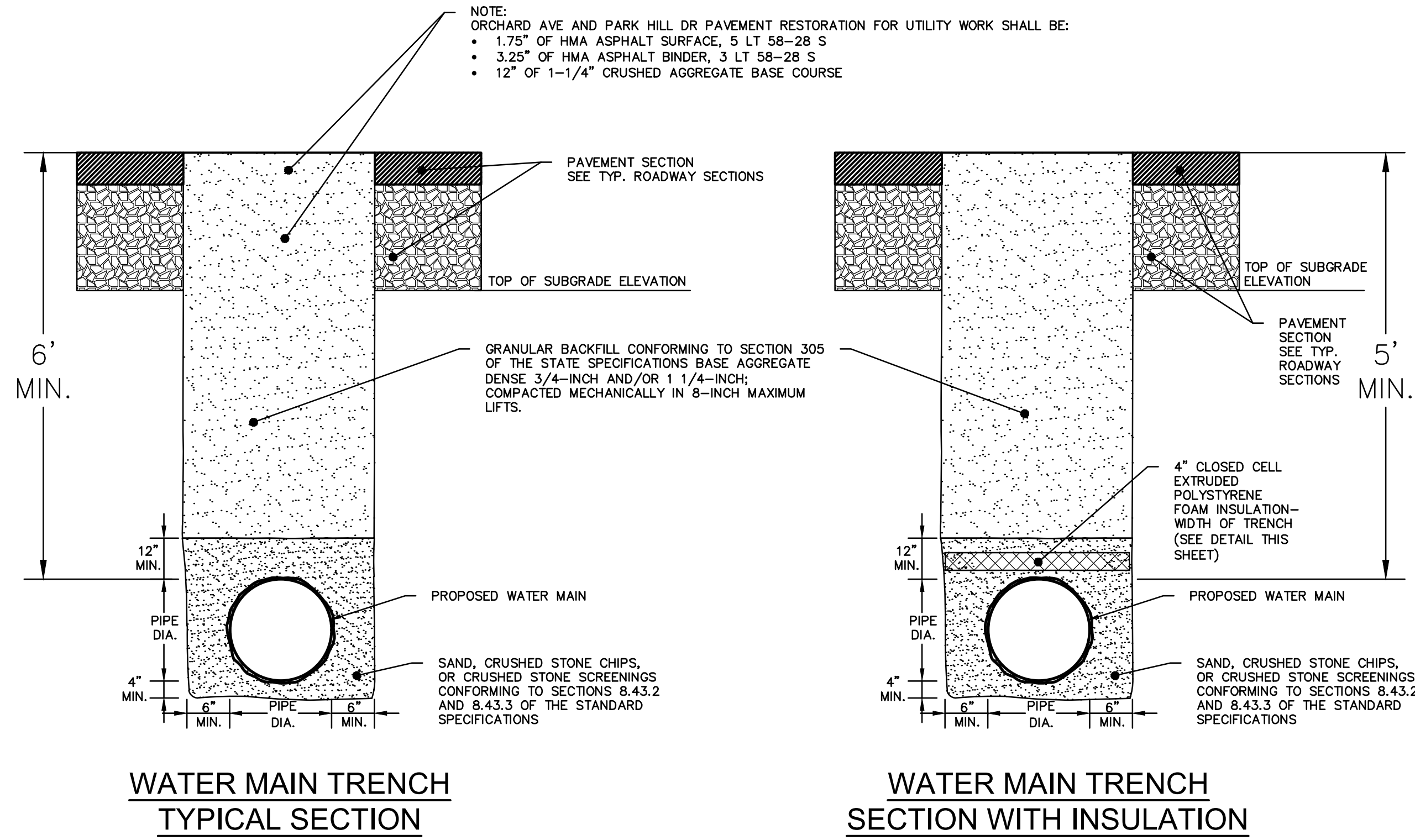
**DETECTABLE WARNING PLATES**

© COPYRIGHT 2024  
R.A. Smith, Inc.  
DATE: 06/24/2024  
SCALE: N.T.S.  
JOB NO. 2238109  
PROJECT MANAGER:  
TIM BARBEAU, P.E., P.L.S.  
DESIGNED BY: GLS  
CHECKED BY: TGB

**SHEET NUMBER**

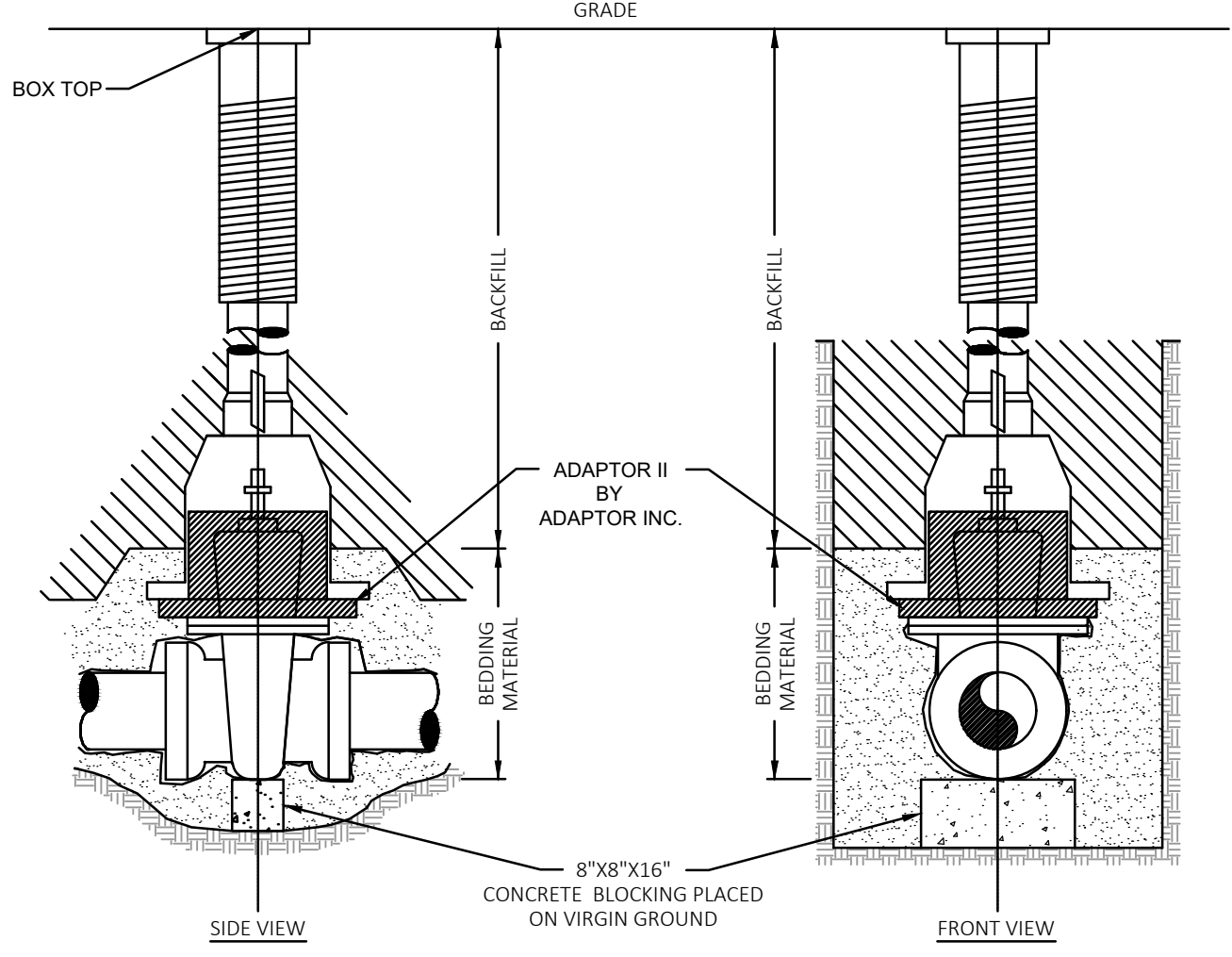
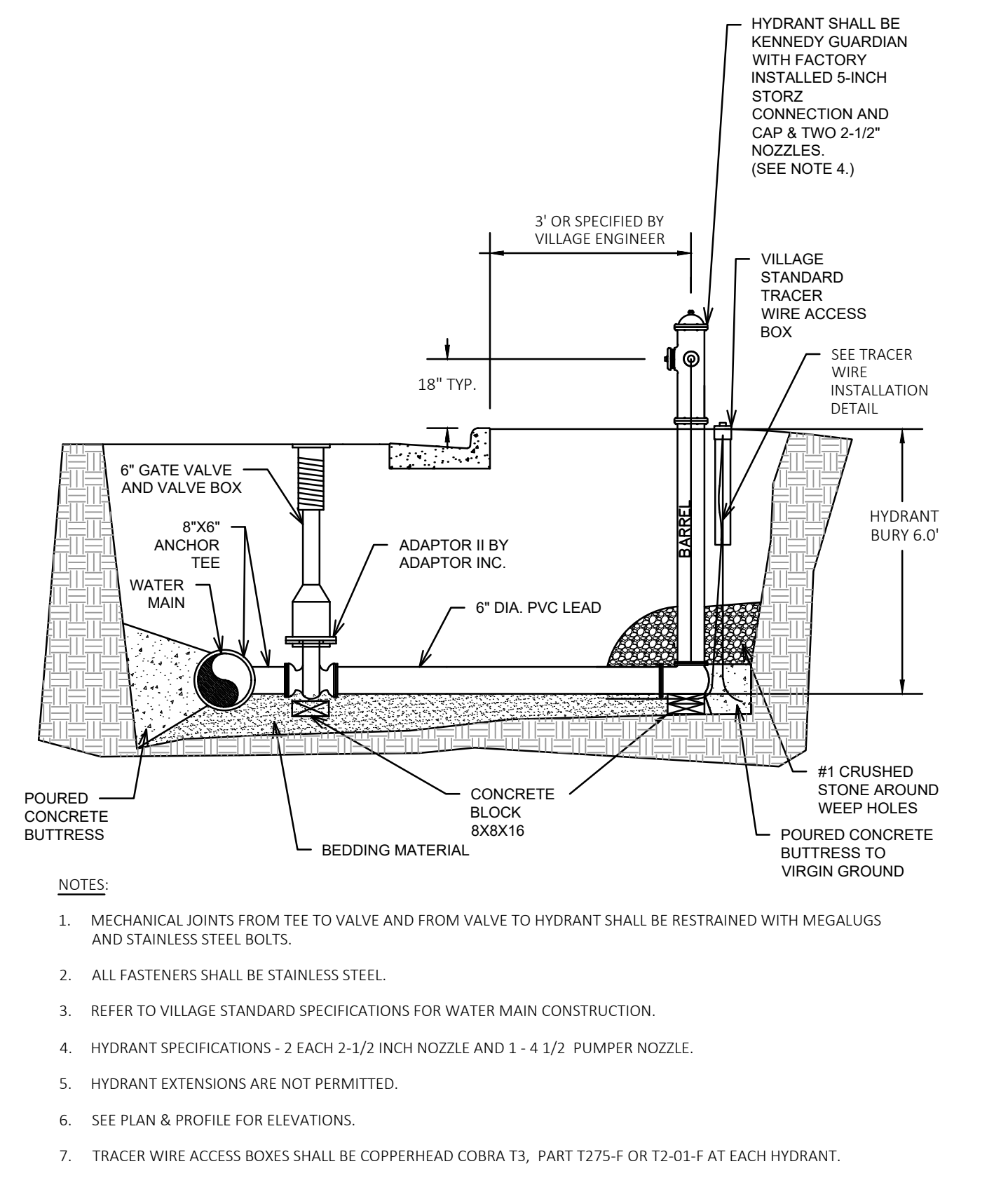
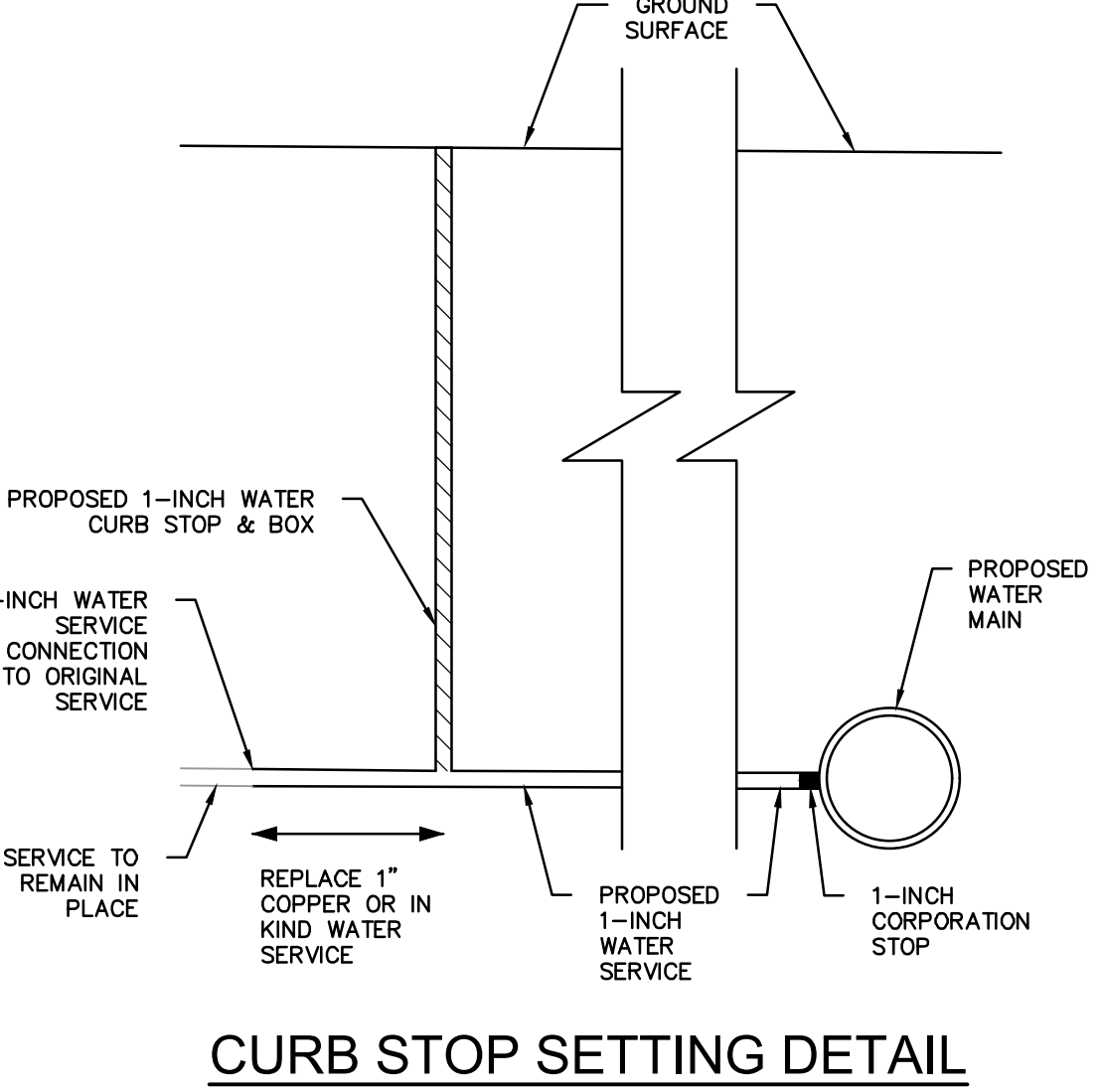
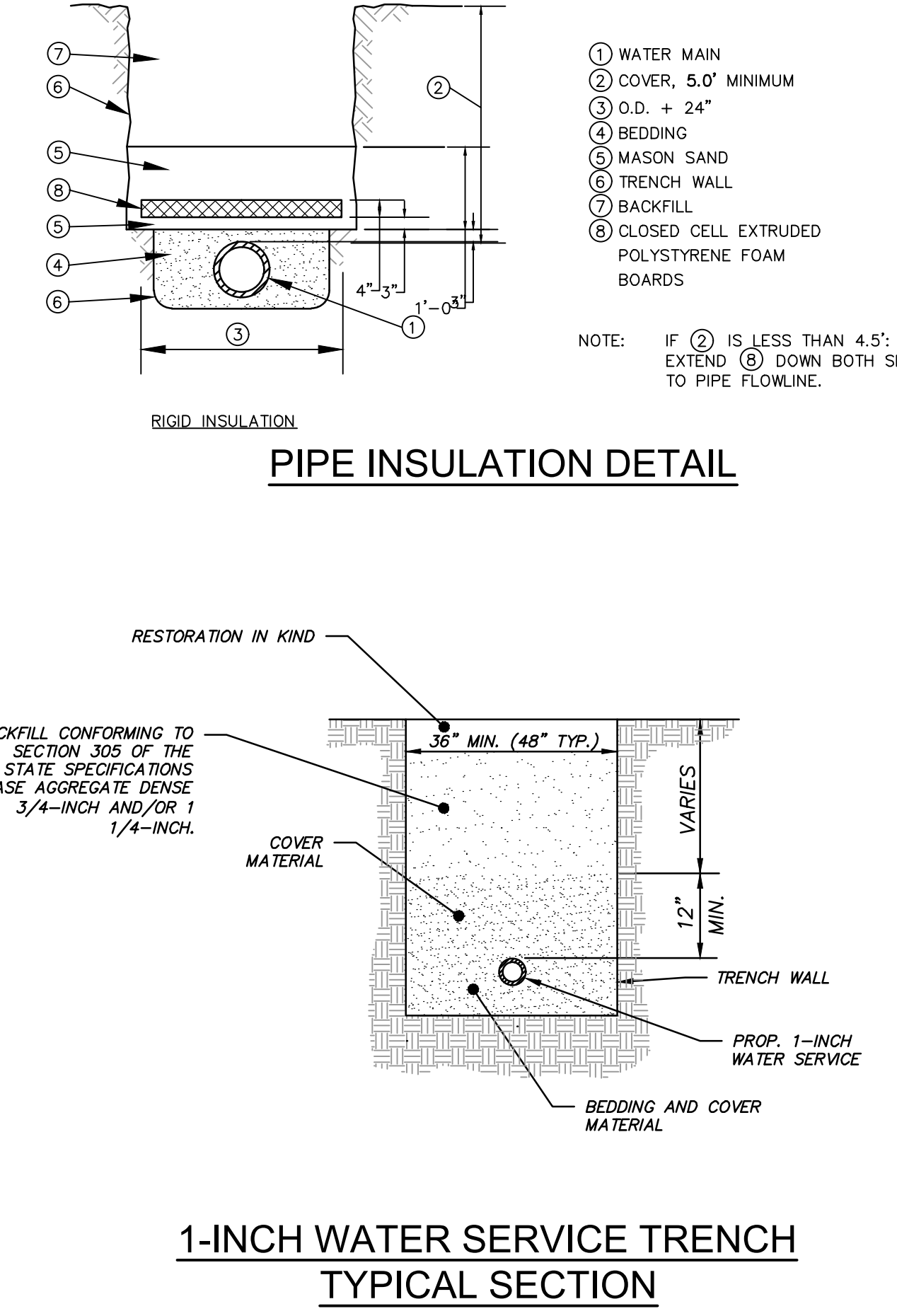
20





**BUTTRESS FOR TEES**

**BUTTRESS FOR BENDS**



2024 ROAD IMPROVEMENT PLAN  
VILLAGE OF PEWAUKEE

DESCRIPTION  
DATE

16745 W. Bluemound Road  
Brookfield, WI 53005-5938  
(262) 781-1000  
rasmith.com

**raSmith**  
CREATIVITY BEYOND ENGINEERING

Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI  
Cedarburg, WI | Naperville, IL | Irvine, CA

DETAILS

© COPYRIGHT 2024  
R.A. Smith, Inc.  
DATE: 06/24/2024  
SCALE: N.T.S.  
JOB NO. 2238109  
PROJECT MANAGER:  
TIM BARBEAU, P.E., P.L.S.  
DESIGNED BY: GLS  
CHECKED BY: TGB  
SHEET NUMBER  
21





## VILLAGE OF PEWAUKEE

### 2024 ROAD AND UTILITY IMPROVEMENTS TENTATIVE PROJECT TIMELINE

May 17, 2024	Plans & Specs to DPW
May 24, 2024	Plans & Specs to DPW – Final Review
June 25, 2024	1 <sup>st</sup> Advertisement for Bids
July 2, 2024	2 <sup>nd</sup> Advertisement for Bids
July 10, 2024	Bid Opening: 11:00 a.m.
July 15, 2024	Recommendation of Award
August 6, 2024	Village Board - Approval of Contract & Approve Preliminary Assessment Resolution
August 9, 2024	Send Notice of Public Hearing to Newspaper and Mail to residents
August 13, 2024	Assessment Notice published in Newspaper
August 20, 2024	Final Contract Signed and Executed
August 21, 2024	Notice to Proceed and Construction May Begin
September 3, 2024	Hold Public Hearing, and approve Final Resolution
November 1, 2024	Substantial Completion
November 22, 2024	Final Completion

Advertise electronically on Quest  
Place advertisement in Waukesha Freeman (Official Newspaper)

Village of Pewaukee  
235 Hickory Street



Pewaukee, WI 53072

Clerk: Jenna Peter, 262-691-5660





**PUBLIC WORKS DEPARTMENT**  
**1000 Hickory Street**  
**Pewaukee, WI 53072**

To: Public Works and Safety Committee  
CC: Matt Heiser, Village Administrator  
From: David Buechl, P.E., P.L.S, Director of Public Works/Village Engineer  
Date: August 29, 2024  
Re: Agenda item 5(c). Status Update 2024 Lake Weed Removal Operations and Plan

This summer the Village hired six part-time employees to assist with weed cutting and harvesting on Pewaukee Lake, lawn mowing, grass trimming, and other incidental tasks. Now that most of the part time summer employees have gone back to school, two summer part-time employees remain going into fall. Our plan is to have staff working daily on lake weed removal through beach clean up, pile pick up, and cutting. There are four full-time street department employees who are available to operate the weed harvesters and pick up piles through out the week in addition to their regular duties.

One part-time staff will work 3 half-days per week because they are locally attending technical college. We are trying to keep on another summer employee so we can possibly hire him full-time into the street department if a position opens up.

As for lake weed cutters, we currently have three harvesters. All three harvesters are up and running. Our mechanic has been able to repair each harvester through out the summer as needed.

The Village Board did grant approval to repurchase the 2009 Harvester from Aquarius on August 6, 2024. This transaction has not yet been made.





**PUBLIC WORKS DEPARTMENT**  
**1000 Hickory Street**  
**Pewaukee, WI 53072**

To: Public Works and Safety Committee  
CC: Matt Heiser, Village Administrator  
From: David Buechl, P.E., P.L.S, Director of Public Works/Village Engineer  
Date: August 29, 2024  
Re: Agenda item 5(d). Discussion and possible action on Well 7 Site Selection

### **BACKGROUND**

The Village Board approved a Consent Order with the Wisconsin Department of Natural Resources (WDNR) on August 6, 2024 that required the Village to locate, potentially acquire a site if not already owned by the Village, and construct a new well, referred to as Well #7, to replace the aging Well #2. The timeline to locate and construct a new well Well #7 to replace Well #2 is listed below:

March 31, 2025: Complete well site investigation report and plans and specifications for test well  
June 30, 2026: Complete plans and specifications for final well  
March 31, 2027: Complete construction of final well  
September 30, 2027: Submit complete plans and specifications for the well house, discharge piping, and remaining components of the corrective action.  
December 31, 2028: Complete construction and installation of all required corrective actions.  
December 31, 2028: Remove temporary inflatable packer at Well 2.  
December 31, 2029: Return to compliance with the gross alpha particle activity Maximum Contaminant Level.

On November 7, 2023, the Village approved a contract with Ruckert & Mielke Inc. (R/M) to provide professional services to conduct a well site investigation. Village and (R/M) staff have been working together on the process of identifying and evaluating several different well sites and have narrowed the selection down to three potential sites. Each site has its own unique set of pros and cons to consider in determining which location is best for the Village. Collier Consulting is a subconsultant to Ruckert/Mielke and has been vital to reviewing hydrogeology in the Village.

### **ACTION REQUESTED**

The action requested of the Public Works and Safety Committee is to review the evaluation criteria for each site and consider approval of a preferred well site to allow the process to continue to the end goal of completing a well investigation report to be submitted to the WDNR.

### **ANALYSIS**

The name and location of three well sites are listed below:

Location Name	Address
Village Park	Capitol Drive
Back Outlot Hawthorne Hill Subdivision	Near Pond View Ct
Cecelia Dr. site	945 Cecelia Drive



A presentation has been prepared by R/M staff showing the locations of the three sites. The 2022 Village of Pewaukee Water System Master Plan was reviewed as part of the analysis. Village Utility Staff were and will continue to be involved in reviewing pros and cons of each site, and were able to provide insight on other design criteria to consider. As the evaluation process evolved, it was determined that a storage reservoir should also be a consideration to be constructed at the new well site. Well #2 currently has an underground 125,000 gallon storage tank. A larger size tank was noted in the Water System Master plan to provide more water storage. In regards to underground or above ground reservoirs, the aboveground water towers such as at 1010 Quinlan Drive or 300 School Street, or a storage reservoir at 1000 Hickory Street are currently preferred by the WDNR in lieu of an underground storage tank.

Some evaluation criteria that were involved in the site review were:

1. Hydrogeological suitability of site and quantity of available ground water.
2. Project costs to acquire parcel, drill well, construct well building, construct possible filtration equipment
3. Ability to acquire site. Is the site already owned by the Village or a private entity?
4. Proximity to existing utility connections such as water main, sanitary sewer, electric, gas, telecommunications
5. Contaminants in deep versus shallow wells.
6. Proximity to other deep or shallow wells to minimize zone of influence
7. Incorporation of water storage reservoir being either elevated water tower storage or ground level storage reservoir. Is an emergency backup generator needed? Does the Village find a water tower to be more of a desired billboard than compared to a ground level reservoir? Is concealing the reservoir in a building a concern for esthetics?
8. Long term tax income collected or not collected from parcel
9. Esthetics of infrastructure at site, architecture, or sight lines
10. Other design considerations such as floodplain, floodway, tree removals, access locations, easements, future expansion areas, reduced Park areas, etc.

See attached R/M presentation with site information and comparisons.

#### ALTERNATIVE REVIEW

1. Village Park
  - a. Pros
    - i. Favorable hydrogeological review from Collier Consulting
    - ii. Village-owned parcel
    - iii. Close access to utilities at front of park
  - b. Cons
    - i. Will reduce useable area at front of Village Park
    - ii. Will reduce visibility into Park and a water reservoir will obstruct the sight lines
    - iii. Front of park is located in floodplain so building will need to be raised up 2 feet
2. Back of Outlot at Hawthorne Hill Subdivision
  - a. Pros
    - i. Will create a second source of water for boosted Hawthorne Hill pressure zone eliminating possible connection to Sussex in future;. This zone has been out of water for 2-3 days when booster pumps went down.
    - ii. Reduction in running of booster pumps on Pond View Ct
    - iii. Water main could be looped between Pond View Ct. and Cheviot Dr to eliminate two dead ends of watermain. This looped configuration was a recommendation in the 2022 Water System Master Plan.
  - b. Cons
    - i. No existing easy access to back of outlot. An access drive would be needed from either Pond View Ct. or through the High Point Church property.
    - ii. Village would need to acquire property.
    - iii. Collier Consulting described this location as being hydrogeological similar to Well 5 area, and could have reduced water quantity due to an elevated quartzite layer in the aquifer.
3. Cecelia Drive site



- a. Pros
  - i. Favorable hydrogeological review from Collier Consulting.
  - ii. Village already owns parcels.
  - iii. Existing utilities are close by.
  - iv. Water reservoir can act as billboard for Village marketing efforts.
  - v. Room for expansion and other Village facilities if needed.
- b. Cons
  - i. Depending on site location, may eliminate future taxable parcel.
  - ii. According to Collier Consulting, although closer to Well 3 than desired, the impact in pumping costs and cone of depression will be negligible.
  - iii. Shallow well may be affected by chlorides.
  - iv. Plan for possible radium treatment.

I recommend the Public Works and Safety Committee move forward with the Cecelia Drive location. At this location, there are three subareas where the facility can be located. The facilities can be located at the south end of the Cecelia Drive parcel, north side of parcel, and as a driveway extension to the east from the Simmons Woods parking lot. The most cost-effective location would be extending a driveway off of the Simmons Woods Park parking lot and locating the well, building, and water reservoir to the southeast of the Simmons Woods Parking lot. This location would also preserve the future potential taxable parcel status of the rectangular shaped parcel at the northwest corner of the intersection of Cecelia Drive and Westfield Way if desired, or kept for future Village use.

Attachments



# VILLAGE OF PEWAUKEE WELL NO. 7 (FUTURE WELL) SITE ANALYSIS



Potential Hawthorn Hills Well

Existing Well No. 2

Potential Kiwanis Park Well

Potential Cecelia Dr Well



# Well No. 7 Building Similar to Existing Well No. 5 Building





# Kiwanis Park





# Kiwanis Park Street View





# Kiwanis Park Advantages & Disadvantages

## ■ Pros

- Utilizes existing property owned by the Village. The proposed location in close proximity to Well No. 2 possibly allowing the reuse of the ground reservoir.
- Close proximity to 12-inch water main and 21” sanitary sewer.
- Approximate separation distance of a mile from existing wells minimizing influence between wells.

## ■ Cons

- The proposed location would be near the entrance of the park resulting in the removal of large 100-year-old oak trees and could be an issue with public acceptance.
- Limited space on site for future expansion.
- Sections of the Village Park are located in the 100-year flood plain and may cause issues with construction and permitting of the new well and associated facilities.



# Ceceilia Drive





# Ceceilia Drive Street View





# Ceceilia Drive Advantages & Disadvantages

## ■ Pros

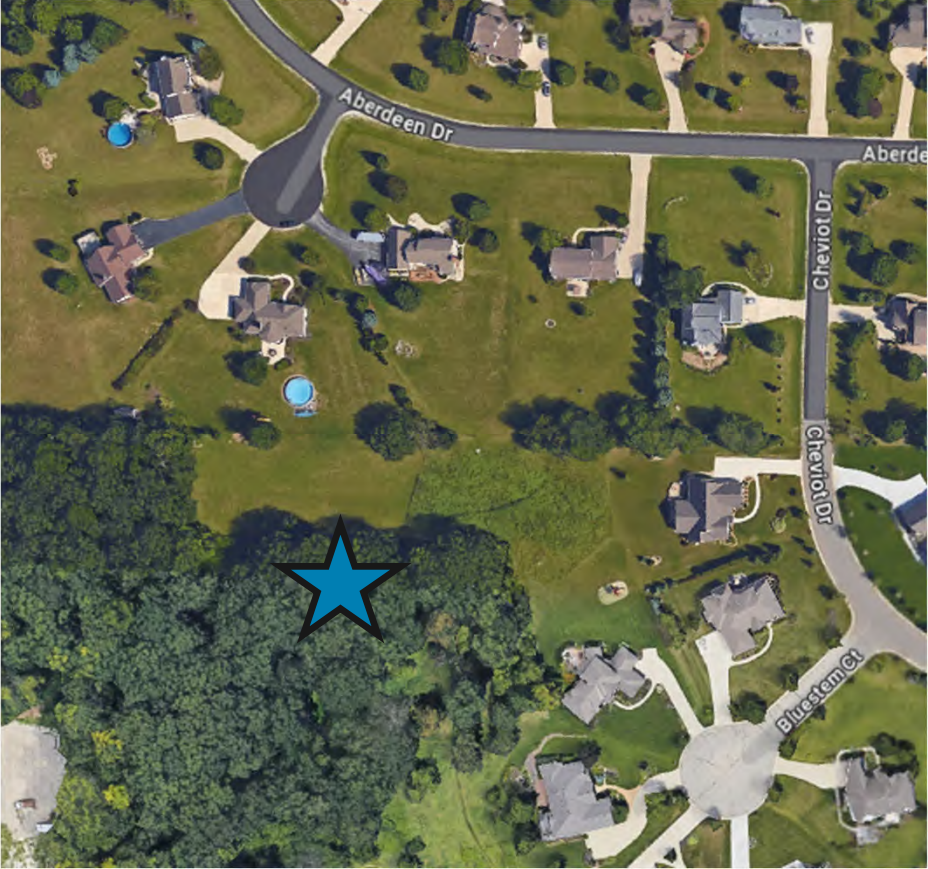
- Village owned parcel.
- Close proximity to 16-inch water main and 24-inch sewer.
- Topography on parcel is relatively flat.
- Parcel size allows for future expansion.
- Another source of supply on the east side of HWY 16.
- Better suited for elevated storage tank compared to other options due to available land space and topography with higher elevations.

## ■ Cons

- Property would be better suited for commercial development and provide Village with taxable income.
- Well pumping could influence capacity from existing Well No. 3. Collier analysis showed minimal influence.
- Require a storage tank to replace Well No. 2 storage.



# Hawthorn Hills





# Hawthorn Hills Advantages & Disadvantages

## Pros

- Can complete loop of water main at this location between dead ends at cul de sacs.
- Could provide water storage for large area since location is at highest point in regional area.
- Will provide water storage for Hawthorn Hill Subdivision area.
- Will reduce reliance on the pit and 3 booster pumps utilized by the subdivision for low pressure.
- Subdivision had a period without water for 3 days when booster pumps were down.
- HOA Board member in support of consideration, more public appeal than Simmons Woods

## Cons

- Close to Well No. 5
- Likelihood of reduced capacity due to thin layer of sandstone in aquifer
- May need to acquire access easement through property to west.
- Need to acquire land or easement.
- Unknown how close to wells in bordering communities.
- Possibly would be an extra deep well because of higher elevation.



# Recommendation (Ceceilia Drive Well)

- Pros outweigh cons.
- Topography easy to work with/no tree removal required.
- Hydrogeology for this site shows favorable capacity with minimal interference with nearby wells.
- Should not have any need for special permitting.
- Does not take away from nearby park land area.
- More space to expand for possible installation of EST in woods or ground reservoir with booster pumps.
- Less foot traffic as it is not a park, which reduces the risk of safety issues for pedestrians.



# Estimated Costs

- 0.4 MG Elevated Storage Tank and Well House: \$5,000,000
  - Above Ground Storage Reservoir with Pumping Station: \$4,100,000
  - Radium Removal Treatment Facility: \$3,900,000
- Costs are in 2024 Dollars and Include Engineering and Contingencies.





**PUBLIC WORKS DEPARTMENT**  
**1000 Hickory Street**  
**Pewaukee, WI 53072**

To: Public Works and Safety Committee  
CC: Matt Heiser, Village Administrator  
From: David Buechl, P.E., P.L.S, Director of Public Works/Village Engineer  
Date: August 29, 2024  
Re: Agenda item 5(e). Discussion and possible action recommending reimbursement for sidewalk replacement

### **BACKGROUND**

The Village Street Dept. staff was replacing sidewalk panels along Chesterwood Ln. during the summer of 2023. The resident, Randy Boehm, at 1307 Chesterwood Lane asked for the Village to replace sidewalk due to tree root damage in front of his house but the Village crews did not. At the time, the Village crews did not think that the sidewalk condition was raised enough due to tree roots to warrant replacement.

### **ACTION REQUESTED**

The action requested of the Public Works and Safety Committee is to review and consider reimbursement to the resident for \$1,000 that he paid to have the sidewalk removed and replaced.

### **ANALYSIS**

The resident came to DPW to request reimbursement during summer of 2024 and provide the following photos showing tree roots under the sidewalk when removed. Any resident or contractor who completes work in the Village right of way is required to first obtain a right of way permit to work within the Village right of way. If an applicant applies for a right of way permit but starts the work prior to the permit being issued, then the applicant forfeits the \$1,000.00 deposit. This resident completed the work through their contractor without obtaining a right of way permit.

I recommend the Public Works and Safety Committee vote to not reimburse the resident \$1,000 because a right of way permit was not obtained and the Village could not inspect the work.

Attachments



## David Buechl

---

**From:** David Buechl  
**Sent:** Tuesday, August 6, 2024 2:30 PM  
**To:** Jay Bickler  
**Subject:** FW: Randy Boehm 1307 Chesterwood Lane Pewaukee, WI Side Walk damage  
**Attachments:** pic 3.jpg; Pic 4.jpg; Pic 5.jpg; Pic 6.jpg; Pic 7.jpg; Pic 8.jpg; pic1.jpg; pic2.jpg

David Buechl, P.E., P.L.S.  
Director of Public Works/Engineer  
Village of Pewaukee  
1000 Hickory Street  
Pewaukee, WI 53072  
Office 262-691-5694  
[dbuechl@villageofpewaukeewi.gov](mailto:dbuechl@villageofpewaukeewi.gov)

---

**From:** Boehm, Randy <Randy.Boehm@softwareone.com>  
**Sent:** Tuesday, August 6, 2024 8:30 AM  
**To:** David Buechl <dbuechl@villageofpewaukeewi.gov>  
**Cc:** Randy Boehm <rboehm0226@att.net>  
**Subject:** Randy Boehm 1307 Chesterwood Lane Pewaukee, WI Side Walk damage

Good Morning David,

I wanted to thank you for your time the other day and listening to my situation. As I had mentioned I have tried several times throughout the last 5 years to have the Village come out and repair my concrete sidewalk due to the roots of the tree. As your coworker had stated that they were out in our subdivision and repairing the sidewalks that had damage by the roots of trees. During this time I also spoke to the old Director about coming to my residence (1307 Chesterwood Lane, Pewaukee WI) to look at the damage caused by the tree. He did respond and stated that the damage was not caused by the roots of the tree and there was nothing the Village could do. The damage could have caused a serious injury to a pedestrian ( Child, adult or animals). At this point I hired Maroszek Construction Company to replace the damaged areas (Repaired on June 13,2024). I have also attached several pictures that show the roots, before and after pictures of the area.

What I am seeking is reimbursement from the village for the repair. The cost was \$1,000. Please let me know how the village can make this right or what steps I need to do to receive compensation for the work.

Thanks  
Randy

Cell- 262-501-3881













**PUBLIC WORKS DEPARTMENT**  
**1000 Hickory Street**  
**Pewaukee, WI 53072**

To: Public Works and Safety Committee

CC: Matt Heiser, Village Administrator

From: David Buechl, P.E., P.L.S, Director of Public Works/Village Engineer

Date: August 29, 2024

Re: Agenda item 5(f). Discussion about 219 Park Street storm sewer collapse or pipe failure

**BACKGROUND**

The resident at 219 Park Street contacted the Village DPW Dept about a possible clogged storm sewer within a pipe that drains from a manhole in Park Street and discharges into the lake at the shoreline. The resident took a video showing runoff bubbling up through the joints in his concrete driveway about 15 feet from the waters edge. The end of the storm sewer outfall is located below the water surface of Pewaukee Lake. A property survey is attached but no easement is shown for the Village storm sewer pipe.

**ACTION REQUESTED**

The question posed to the the Public Works and Safety Committee is if anyone knows any history of this concrete driveway being placed over the Village's storm sewer pipe, and how this came to be. If the Village has to remove the concrete driveway and replace the storm sewer pipe, and reinstall the concrete driveway, this will be a very expensive project. A waiver and easement will also likely be needed prior to starting. This is a 2<sup>nd</sup> driveway for this property, and the resident uses the driveway for storage of the boatlift and pier and additional parking. There is also a boat ramp designed into the end of the driveway at the lake in which the concrete panels may be laying directly on the storm sewer pipe or with very minimal stone cover also causing damage to the pipe.

Attachments









**PUBLIC WORKS DEPARTMENT**  
**1000 Hickory Street**  
**Pewaukee, WI 53072**

To: Public Works and Safety Committee  
CC: Matt Heiser, Village Administrator  
From: David Buechl, P.E., P.L.S, Director of Public Works/Village Engineer  
Date: August 29, 2024  
Re: Agenda item 5(g). Discussion about maintenance of driveway approaches

**BACKGROUND**

The Village has an existing Ordinance related to repair, replacement, maintenance, and assessment procedures of sidewalk located in the public right way. The Village also has an Ordinance for assessment of new curb and gutter installations in the public right of way to be assessed to the adjoining property owner. In regards to maintenance of driveway approaches, the policy has been that property owners are responsible for any repairs, maintenance, or replacements of their driveway approaches. There is nothing in writing to confirm this practice that we can find so far. When the driveway approaches were first installed, the property owner had to obtain a right of way permit to install the approach. We want to run this policy past the Committee to verify we should continue to make it the lot owner's responsibility to maintain their own driveway approach. We believe this still is the best policy to have the lot owner to maintain their own approach.

**ACTION REQUESTED**

The action requested of the Board of Public Works and Safety is to review and consider affirming for the DPW Dept. staff that the procedure and policy we are currently following is satisfactory to the Village.

Attachments









**PUBLIC WORKS DEPARTMENT**  
**1000 Hickory Street**  
**Pewaukee, WI 53072**

To: Public Works and Safety Committee

CC: Matt Heiser, Village Administrator

From: David Buechl, P.E., P.L.S, Director of Public Works/Village Engineer

Date: August 29, 2024

Re: Agenda item 5(h). Discussion about addition of no parking signs in front of 147 Lake St

**BACKGROUND**

The residents who own the property at 147 Lake St. have contacted a Village Board representative about the possibility of adding no parking signs in front of their house so they can walk directly from their carriage walk unobstructed out into the street where they park their vehicles. The resident have stated that trucks with trailers park in front of their house.

As part of the 2024 Street program, a sidewalk ramp is being installed in front of this house at the corner of Orchard Avenue and Lake Street. With this addition, sidewalk could be extended across the frontage of this property. The resident would then be able to walk from their carriage walk to the Village sidewalk and down to the sidewalk ramp at the corner where no parking is allowed. The Board of Public Works and Safety could vote for sidewalk to be ordered in at this location in lieu of adding no parking signs at this location.

**ACTION REQUESTED**

No action is being requested at this time.

Attachments





**PUBLIC WORKS DEPARTMENT**  
**1000 Hickory Street**  
**Pewaukee, WI 53072**

To: Public Works and Safety Committee  
CC: Matt Heiser, Village Administrator  
From: David Buechl, P.E., P.L.S, Director of Public Works/Village Engineer  
Date: August 29, 2024  
Re: Agenda item 5(i). Discussion about 2025 Street projects

**BACKGROUND**

The 2024 Street project was initially intended to include W. Wisconsin Avenue from the railroad tracks to Glacier Road, and the east/west section of the Orchard Avenue alley. The final 2024 bid package did not include these streets in order to make the bid package more attractive to bidders and stay closer to the budget.

As part of the 2025 Street program, these streets can be included in the project. The design drawings have already been prepared which would also allow the project to be bid out earlier in the year. The Orchard Avenue alley estimate is \$220,000.00 and the pavement surface is concrete. The W. Wisconsin Avenue project estimate is approximately \$700,000-\$800,000. This project could be bid out at both concrete and asphalt to see what the cost comparison would be for the Board to decide which pavement option they prefer.

**ACTION REQUESTED**

No action is being requested at this time.

Attachments