

# 2024 ROAD AND UTILITY IMPROVEMENTS

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

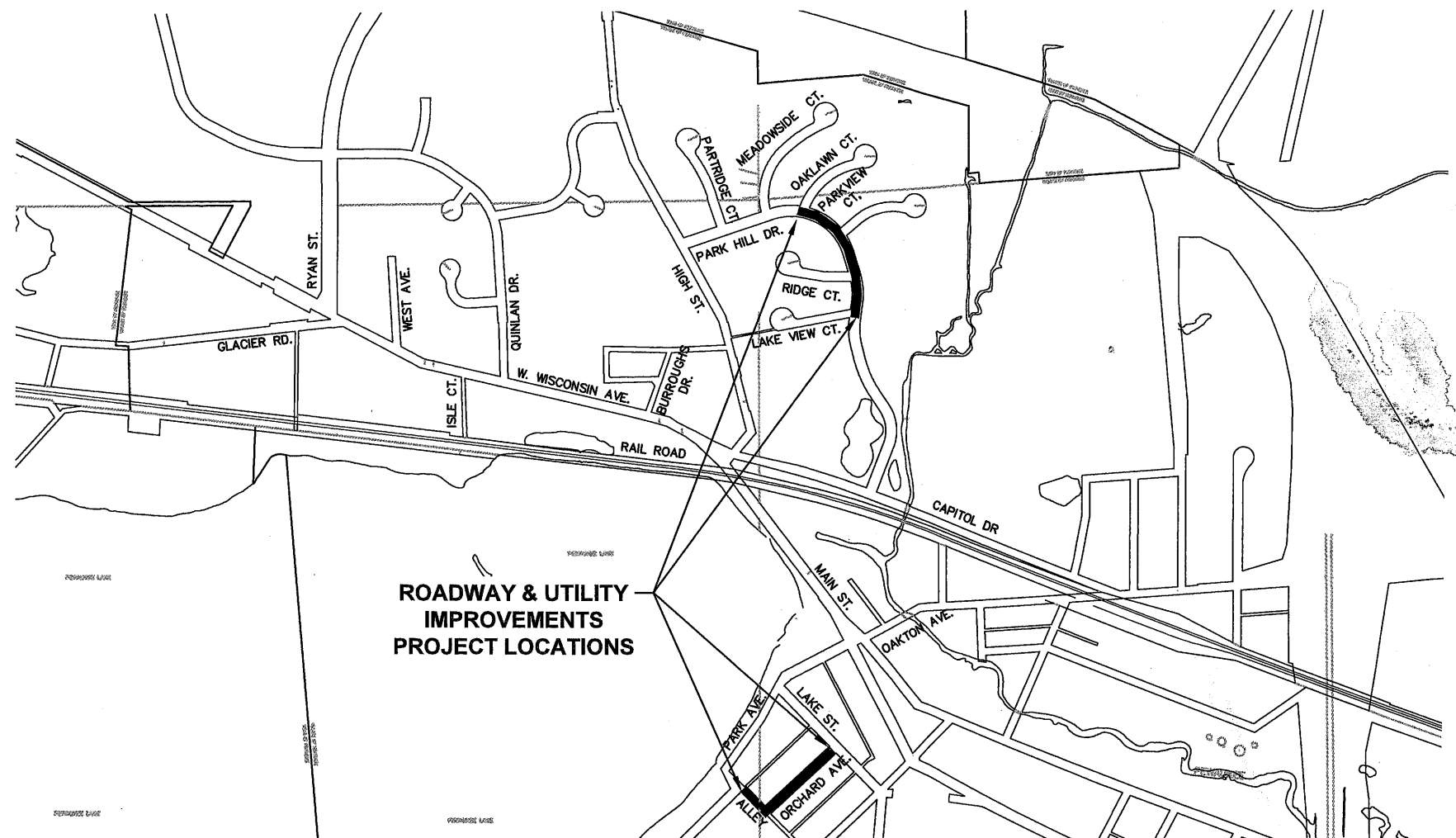
### VILLAGE OF PEWAUKEE, WISCONSIN

**REBID PLAN SET**

#### LEGEND

- ▲ BENCHMARK
- SECTION CORNER
- ⚡ FLAGPOLE
- ✉ MAILBOX
- SIGN
- BILLBOARD
- ⊠ CONTROL BOX
- ⊕ TRAFFIC SIGNAL
- ⚡ RAILROAD CROSSING SIGNAL
- ⊠ CABLE PEDESTAL
- ⊠ POWER 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
- S — SANITARY SEWER
- FM — FORCE MAIN
- STO — STORM SEWER
- W — WATERMAIN
- G — MARKED GAS MAIN
- E — MARKED ELECTRIC
- OHM — OVERHEAD WIRES
- B — BUREAU ELEC. SERV.
- T — MARKED TELEPHONE
- TV — MARKED CABLE TV LINE
- FO — 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)

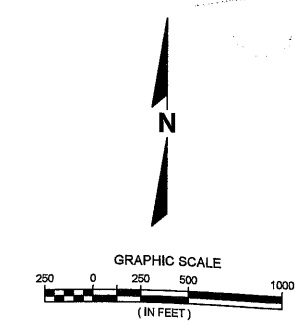
**VILLAGE OF PEWAUKEE**  
 DAVID BUECHL, PE, PLS - DIRECTOR OF PUBLIC WORKS/VILLAGE ENGINEER  
 1000 HICKORY ST.  
 PEWAUKEE, WI 53072  
 dbuechl@villageofpewaukee.gov  
 PHONE (262)691-5694

**DESIGN ENGINEER**  
**raSmith**  
 16745 W. Bluemound Road  
 Brookfield, WI 53005-5938  
 (262) 781-1000  
 raSmith.com  
 TIM BARBEAU, P.E., P.L.S.  
 STEVE RONCKE

**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



**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	
<p>16745 W. Bluemound Road                  Brookfield, WI 53005-5938                  (262) 781-1000                  raSmith.com</p> <p><b>raSmith</b>                  CREATIVITY BEYOND ENGINEERING</p> <p>Brookfield, WI   Milwaukee, WI   Appleton, WI   Madison, WI                  Cedarburg, WI   Naperville, IL   Irvine, CA</p>	
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: TOB SHEET NUMBER 1	