



Lake Geneva Utility Commission

MUNICIPAL WATER AND WASTEWATER SERVICES

361 W Main Street
P.O. Box 187
Lake Geneva, WI 53147
262-248-2311
www.lgutilitycommission.com

Dennis Lyon – President
Josh Gajewski – Utility Director
Jeff Ecklund – Water Superintendent
Ken Bauman – Wastewater Superintendent

LAKE GENEVA UTILITY COMMISSION MONDAY APRIL 17, 2023 4:00 PM COUNCIL CHAMBERS - CITY HALL, 626 GENEVA STREET

CITY HALL WILL BE OPEN TO THE PUBLIC DURING ALL MEETINGS. MEETINGS WILL BE HELD VIRTUALLY AS WELL AS IN PERSON. IF YOU WISH TO LISTEN OR WATCH THE MEETING YOU MAY DO SO BY USING THE FOLLOWING:

1. Links to the Lake Geneva Utility Commission's live video stream can be found at www.cityoflakegeneva.com/video
2. Television: Watch live broadcast of the meeting on Spectrum Cable Channel 25
3. Listen to audio via phone: (602) 333-2017 (Long distance rates may apply) (888) 204-5987 (Toll Free) **Access Code: 9746153**

AGENDA

1. Call Meeting to Order
2. Roll Call
3. Comments from the public as allowed by Wis. Statutes §19.84 (2), limited to items on this agenda except for public hearing items. Comments will be limited to 5 minutes.
4. Approve Utility Commission Minutes from March 20, 2023 as prepared and distributed
5. Acknowledgement of Correspondence
6. Approval of March 2023 Financials
7. Approval of March 2023 Bills
8. Directors Report
9. Discussion/Action on Payment Request #1 for the Pine Tree Lane & Mariane Terrace Improvement Project prepared by Asphalt Contractors Inc.
10. Discussion/Action on Main St./Hwy 50 water main and sanitary sewer evaluations
11. Update on proposed repaving project of CTH H from Interchange North to George St. by the Walworth County Highway Department
12. Motion to go into closed session pursuant to Wis. Stat. 19.85(1)(e) Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session
13. Motion to return to open session pursuant to Wis. Stat. 19.85(2) and take action on any items discussed in the closed session
14. Adjourn

Lake Geneva Utility Commission Minutes
Lake Geneva Utility Commission Meeting
Monday March 20, 2023, 4:00pm
Council Chambers, City Hall – 626 Geneva St

THIS MEETING WAS HELD IN PERSON

Call Meeting to Order – Lyon called the meeting to order at 4:00pm

Roll Call – Lyon, Klein, Howell, Hedlund, Nord & Binn

Staff in Attendance – Gajewski via zoom, Busch

Comments from the public as allowed by Wis. Statutes §19.84 (2), limited to items on this agenda except for public hearing items. Comments will be limited to 5 minutes.

None

Approve Utility Commission Minutes from February 20, 2023, as prepared and distributed.
Hedlund/Binn motion to approve. Passed 6-0.

Acknowledgement of Correspondence

None

Approval of February 2023 Financials

Binn/Howell motion to approve. Passed 6-0.

Approval of February 2023 Bills

Howell/Binn motion to approve. Passed 6-0.

Directors Report

Gajewski reviewed the submitted Director's report. The large meter testing program has found many low flow deficiencies that will need to be addressed. The Pine Tree Lane/Mariane Terrace water main replacement project is underway. Unfortunately, before the new main was laid, we had a water main break on Pine Tree Lane that had to be repaired. Compliance PFAS testing will begin next month but we have always been below the health guidance levels so this should not be an issue. Wastewater discovered a sewer lateral break on Pine Tree Lane that was repaired before the project work reached that property. The wastewater team are getting quotes for a forestry mower to clear a path to their manholes and the well that currently sits on the Hillmoor property. Gajewski and Public Works Director Earle will be meeting with the County Public Works Department to discuss the proposed repaving of Highway H between Interchange North and George St.

Hedlund/Binn motion to approve the Director's report. Passed 6-0.

Discussion/Action on request by Pioneer Estates of Lake Geneva to extend water and sewer service on parcels MB 700002 and MB 700003 in the Town of Bloomfield

Bill Henry of Kehoe Henry & Associates was in attendance at the meeting.

Gajewski went over the request from Pioneer Estates and explained the proposed expansion of their facilities and the pending rezone request with the Town of Bloomfield. The current system has the capacity for these additional connections without any modifications being made. Gajewski notified the Commission that we are not currently in compliance with the PSC code that relates to mobile home parks. In order for us to be in compliance, we would need to either install a master meter or take over the water system within Pioneer. The system is around 35 years old with no real service or maintenance records and staff do not feel that we should assume responsibility for this. Discussion

followed where the general consensus was that master metering would be the most appropriate course of action. This can be revisited later.

Binn/Nord motion to approve the conceptual expansion of service to Pioneer Estates of Lake Geneva with the four conditions as laid out in the Directors Report. Passed 6-0.

Discussion/Action on acceptance of water and sanitary sewer improvements – Symphony Bay Phase 3

The phase 3 portion of Symphony Bay relates only to Bowing Way and was installed and inspected in 2021. Kapur have provided an itemized list and are recommending acceptance. If accepted, the improvements would be booked as assets and a warranty bond would be issued.

Binn/Howell motion to approve the acceptance of the water and sanitary improvements that have been completed in phase 3 of Symphony Bay. Passed 6-0.

Discussion/Action on an Equipment Transfer Agreement at Host Tower proposed by T-Mobile/Sprint

T-Mobile and Sprint have merged and Sprint have advised that they will not be renewing their lease at Host Tower. The lease agreement states that they must leave the tower entirely as found before their equipment was installed but there are some items such as a dedicated electric service, antennae mounts that are welded to the tank and support brackets that are permanently mounted to the tank which they are proposing to leave in place. Both staff and the City Attorney have reviewed the proposal and see no conflict.

Hedlund/Binn motion to approve the Equipment Transfer Agreement with Sprint for Host Tower. Passed 6-0.

Discussion/Action on proposed T-Mobile equipment upgrade at Host Tower

Dixon Engineering and Utility staff have reviewed the plans and some revisions were requested.

Those have been made and Dixon have issued a letter recommending approval.

Binn/Howell motion to approve the T-Mobile equipment upgrade at Host Tower. Passed 6-0.

Lyon/Klein motion to go into closed session pursuant to Wis. Stat. 19.85(1)(e) Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session.

The commission convened into closed session on a roll call vote at 4:40pm

Lyon/Klein motion to return to open session pursuant to Wis. Stat. 19.85(2) and take action on any items discussed in closed session.

The Commission returned to open session on a roll call vote at 5:07pm.

No action was taken.

Adjourn

Howell/Hedlund motion to adjourn at 5:08pm. Passed 6-0.

**THESE MINUTES ARE NOT OFFICIAL UNTIL APPROVED BY
THE LAKE GENEVA UTILITY COMMISSION**

LAKE GENEVA UTILITY COMMISSION

BUDGET COMPARISON THRU:

3 / 2023

FUND 61 - WASTEWATER UTILITY

					YTD % of Budget 25.0%	Prior YTD 2022	Prior YTD 5 Year Avg.
REVENUES	Current Period	YTD	2023 Budget	YTD vs Budget			
INTEREST EARNED	172	38,305	69,600	-31,295	55.04%	1,107	3,981
CUSTOMER SALES	425,614	470,617	2,104,937	-1,634,320	22.36%	461,171	438,507
OTHER REVENUE	929	3,169	11,225	-8,056	28.23%	2,321	2,014
CAPITAL CONTRIBUTIONS	0	1,865	205,150	-203,285	0.91%	21,634	31,034
TOTAL REVENUES	426,715	513,955	2,390,912	-1,876,957	21.50%	486,233	475,536
EXPENSES							
TOTAL OUTSIDE SERVICES	19,086	55,021	408,455	-353,434	13.47%	61,384	53,231
TOTAL OPERATING EXPENSES	1,579	8,068	45,550	-37,482	17.71%	6,413	6,004
TOTAL INSURANCE	0	0	29,450	-29,450	0.00%	7,321	3,026
TOTAL SALARY & BENEFITS	48,904	164,925	668,150	-503,225	24.68%	144,237	135,599
TOTAL LAB SUPPLIES	55	9,769	21,250	-11,481	45.97%	12,852	6,322
TOTAL MISCELLANEOUS EXPENSE	56	92	1,000	-908	9.21%	47	145
TOTAL MAINTENANCE	28,426	41,874	301,600	-259,726	13.88%	8,835	10,967
TOTAL OPERATION & MAINTENANCE EXPENSES	98,107	279,749	1,475,455	-1,195,706	18.96%	241,089	215,296
REVENUES OVER O&M EXPENSES	328,608	234,206	915,457	-681,251		245,144	260,240
TOTAL CAPITAL OUTLAY	13,635	13,635	1,324,700	-1,311,065	1.03%	89,491	50,387
REVENUES OVER TOTAL EXPENSES	314,973	220,571	-409,243	629,814		155,653	209,853
TOTAL CASH TRANSFERS	16,367	16,367	-413,250	429,617	-3.96%	365,275	105,431
NET CHANGE IN CASH BALANCE	298,606	204,204	4,007	200,197		-209,622	104,422

FUND CASH AND INVESTMENT SUMMARY	<u>Opening Balance</u>	<u>Period Activity</u>	<u>Ending Balance</u>
Wastewater Utility Fund Cash	563,894	-76,122	487,772
LGIP #10 - Capital Project Fund	2,847,770	0	2,847,770
LGIP #11 - Debt Service Fund	0	0	0
LGIP #12 - Impact Fee Fund	1,260,773	0	1,260,773
LGIP #13 - Equipment Replacement Fund	1,287,539	0	1,287,539
TOTAL WASTEWATER CASH AND INVESTMENT	5,959,976	-76,122	5,883,854

LAKE GENEVA UTILITY COMMISSION

BUDGET COMPARISON THRU:

3 / 2023

FUND 62 - WATER UTILITY

REVENUES	Current Period	YTD	2023 Budget	YTD vs Budget	YTD % of Budget 25.0%	Prior YTD 2022	Prior YTD 5 Year Avg.
INTEREST EARNED	7	21,751	61,200	-39,449	35.54%	594	2,413
CUSTOMER SALES	384,851	411,835	1,833,474	-1,421,639	22.46%	415,914	399,918
OTHER REVENUE	36,717	135,077	306,498	-171,421	44.07%	162,672	125,740
CAPITAL CONTRIBUTIONS	1,014	2,704	185,900	-183,196	1.45%	19,604	27,243
TOTAL REVENUES	422,589	571,368	2,387,072	-1,815,704	23.94%	598,784	555,315
EXPENSES							
TOTAL SOURCE OF SUPPLY - OPERATION	5,153	13,605	69,850	-56,245	19.48%	11,966	11,550
TOTAL SOURCE OF SUPPLY - MAINTENANCE	2,081	4,651	66,500	-61,849	6.99%	2,374	2,419
TOTAL PUMPING EXPENSE - OPERATION	6,852	14,210	83,500	-69,290	17.02%	13,379	12,806
TOTAL PUMPING EXPENSE - MAINTENANCE	1,337	2,669	45,950	-43,281	5.81%	865	1,339
TOTAL WATER TREATMENT - OPERATION	3,823	19,468	116,900	-97,432	16.65%	22,196	20,953
TOTAL WATER TREATMENT - MAINTENANCE	7,527	24,222	76,000	-51,778	31.87%	20,377	21,728
TOTAL TRANS. & DISTRIBUTION - OPERATION	5,031	13,647	63,900	-50,253	21.36%	8,700	10,729
TOTAL TRANS. & DISTRIBUTION - MAINTENANCE	9,378	40,615	194,150	-153,535	20.92%	73,308	42,099
TOTAL CUSTOMER ACCOUNTS	4,998	21,469	76,025	-54,556	28.24%	16,868	15,974
TOTAL ADMIN & GENERAL OPERATIONS	27,454	115,628	463,540	-347,912	24.94%	102,964	88,824
TOTAL OTHER EXPENSES	25,000	75,000	310,000	-235,000	24.19%	75,000	71,883
TOTAL OPERATION & MAINTENANCE EXPENSES	98,633	345,183	1,566,315	-1,221,132	22.04%	347,996	300,304
REVENUES OVER O&M EXPENSES	323,956	226,185	820,757	-594,572		250,788	255,010
TOTAL CAPITAL OUTLAY	35,531	35,531	576,000	-540,469	6.17%	318	33,494
REVENUES OVER TOTAL EXPENSES	288,425	190,653	244,757	-54,104		250,470	221,516
TOTAL CASH TRANSFERS	14,867	14,867	241,600	-226,733	6.15%	109,150	204,781
NET CHANGE IN CASH BALANCE	273,559	175,787	3,157	172,630		141,320	16,736

FUND CASH AND INVESTMENT SUMMARY	<u>Opening Balance</u>	<u>Period Activity</u>	<u>Ending Balance</u>
Water Utility Fund Cash	399,214	-80,769	318,445
LGIP #1 - Capital Project Fund	1,669,730	0	1,669,730
LGIP #2 - Impact Fee Fund	616,289	0	616,289
LGIP #3 - Equipment Replacement Fund	791,113	0	791,113
TOTAL WATER FUND CASH AND INVESTMENT	3,476,345	-80,769	3,395,576

Report Criteria:

Detail report.

Invoices with totals above \$5000.00 included.

Paid and unpaid invoices included.

Invoice Detail.GL account (2 Characters) = "61","62"

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
61				
ALLIANT ENERGY				
280954000023	04/03/2023	HASKINS ST SEWER PLANT	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	15,780.62
Total ALLIANT ENERGY:				15,780.62
Total 61:				15,780.62
62				
MARTELLE WATER TREATMENT				
24904	03/28/2023	SODIUM HYPOCHLORITE	62-00-00-60200 CHEMICALS	1,214.89
24904	03/28/2023	HYDROFLUOSILICIC ACID, CHL	62-00-00-64100 CHEMICALS	5,972.48
Total MARTELLE WATER TREATMENT:				7,187.37
CLEAN WATER ENGINEERING LLC				
1027	04/05/2023	CROSS CONNECTION INSPECT	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	9,396.00
Total CLEAN WATER ENGINEERING LLC:				9,396.00
Total 62:				16,583.37
Grand Totals:				32,363.99

Dated: _____

Mayor: _____

City Council: _____

City Recorder: _____

Report Criteria:

Detail report.

Invoices with totals above \$0.00 included.

Paid and unpaid invoices included.

Invoice Detail.GL account (2 Characters) = "61","62"

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
61				
E-CONOLIGHT LLC				
1397420	03/13/2023	C LIGHT FLAT PANEL	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	1,168.71
Total E-CONOLIGHT LLC:				1,168.71
HOME DEPOT CREDIT				
9020374	03/24/2023	LIGHTING WHIP-LIGHTING UPG	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	171.04
Total HOME DEPOT CREDIT:				171.04
NORTHERN LAKE SERVICE INC				
2300276	01/23/2023	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	293.79
2302993	03/16/2023	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	293.79
2303346	03/22/2023	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	315.16
2303390	03/22/2023	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	293.79
2303727	03/28/2023	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	293.79
2303829	03/30/2023	FIRST QTR MW ADDL SAMPLIN	61-00-00-52100 LABORATORY SERVICES	703.68
2304152	04/05/2023	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	293.79
Total NORTHERN LAKE SERVICE INC:				2,487.79
KAPUR & ASSOCIATES INC				
117901	03/14/2023	GIS UPDATES	61-00-00-52160 ENGINEERING EXPENSE	135.00
Total KAPUR & ASSOCIATES INC:				135.00
WE ENERGIES				
4506176869	03/13/2023	LAGRANGE DR LIFT STN	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	30.29
4512380548	03/16/2023	BIG FOOT LIFT STATION	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	76.96
4538860194	04/07/2023	EDGEWOOD DR LIFT STN	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	11.49
Total WE ENERGIES:				118.74
ALLIANT ENERGY				
143875000023	04/03/2023	191 HASKINS ST DEWATER BLD	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	307.80
280954000023	04/03/2023	HASKINS ST SEWER PLANT	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	15,780.62
507753000023	04/03/2023	361 W MAIN ST SIGN	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	20.62
974671000023	04/03/2023	361 MAIN ST HALLWAY	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	111.75
055361000023	04/03/2023	361 MAIN ST CC LIFT	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	80.07
141180000023	04/03/2023	LAGRANGE DR LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	237.61
277971000023	04/03/2023	MARIANE TER LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	39.49
307955000023	04/03/2023	MAXWELL ST LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	35.42
327113000023	04/03/2023	BAYVIEW DR LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	59.03
599411000023	04/03/2023	361 STATE ROAD 120 BIG FOOT	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	356.81
962961000023	04/03/2023	EDGEWOOD DR LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	268.15
Total ALLIANT ENERGY:				17,297.37
SHI INTERNATIONAL CORP.				
B16557042	03/03/2023	VEEAM BACKUP RENEWAL	61-00-00-53050 COMPUTER EXPENSE	117.79

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total SHI INTERNATIONAL CORP.:				117.79
VELOCITY				
2023052	04/10/2023	OFFICE 365 LIC & AZURE BACK	61-00-00-53050 COMPUTER EXPENSE	124.25
Total VELOCITY:				124.25
WI DEPT OF ADMINISTRATION				
505-00000730	10/13/2022	IRONPORT ACCT FEE	61-00-00-53050 COMPUTER EXPENSE	3.05
505-00000740	11/11/2022	IRONPORT ACCT FEE	61-00-00-53050 COMPUTER EXPENSE	3.05
505-00000756	12/14/2022	IRONPORT ACCT FEE	61-00-00-53050 COMPUTER EXPENSE	3.06
505-00000764	02/16/2023	IRONPORT ACCT FEE	61-00-00-53050 COMPUTER EXPENSE	3.06
505-00000772	02/13/2023	IRONPORT ACCT FEE	61-00-00-53050 COMPUTER EXPENSE	3.05
Total WI DEPT OF ADMINISTRATION:				15.27
CHARTER COMMUNICATIONS				
012395103112	03/11/2023	MAR INTERNET SVC	61-00-00-53100 OFFICE SUPPLIES EXPENSE	109.98
Total CHARTER COMMUNICATIONS:				109.98
MARTIN BUSINESS GROUP				
1295234	03/20/2023	SERVICE CONTRACT/COPIES	61-00-00-53100 OFFICE SUPPLIES EXPENSE	112.55
Total MARTIN BUSINESS GROUP:				112.55
ODP BUSINESS SOLUTIONS LLC				
304672636001	03/24/2023	COPY PAPER & MAT	61-00-00-53100 OFFICE SUPPLIES EXPENSE	53.23
304673340001	03/24/2023	LABELS	61-00-00-53100 OFFICE SUPPLIES EXPENSE	60.55
306716444001	04/04/2023	STENO BKS, LEGAL PADS, PRI	61-00-00-53100 OFFICE SUPPLIES EXPENSE	32.24
306937409001	04/03/2023	TAPE & SHARPIES	61-00-00-53100 OFFICE SUPPLIES EXPENSE	22.37
Total ODP BUSINESS SOLUTIONS LLC:				168.39
AT&T				
262248865603	03/13/2023	MAR 2023 TELEPHONE BILL	61-00-00-53110 TELEPHONE EXPENSE	114.74
Total AT&T:				114.74
AT&T LONG DISTANCE				
816988240-02	03/04/2023	262-248-0589 FEB	61-00-00-53110 TELEPHONE EXPENSE	.64
Total AT&T LONG DISTANCE:				.64
FIRST NATIONAL BANK OF OMAHA				
554328630832	03/24/2023	VONAGE PHONE SVC 3/23/2023	61-00-00-53110 TELEPHONE EXPENSE	134.36
Total FIRST NATIONAL BANK OF OMAHA:				134.36
US CELLULAR				
0566151310	03/04/2023	WWTF MONTHLY PHONE BILL	61-00-00-53110 TELEPHONE EXPENSE	103.04
Total US CELLULAR:				103.04
UNITED STATES POST OFFICE				
USPS041123	04/11/2023	A/C# 270534-PAYMENT ON ACC	61-00-00-53120 POSTAGE	20.00

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total UNITED STATES POST OFFICE:				20.00
BAUMAN, KEN				
BAUMAN0315	03/15/2023	REIMB WI WASTEWATER OPER	61-00-00-53320 CONFERENCES & SCHOOL	36.23
Total BAUMAN, KEN:				36.23
FIRST NATIONAL BANK OF OMAHA				
054368430833	03/23/2023	WRWA ANNUAL TECH CONF RE	61-00-00-53320 CONFERENCES & SCHOOL	345.00
054368430833	03/23/2023	WRWA ANNUAL TECH CONF RE	61-00-00-53320 CONFERENCES & SCHOOL	11.76
Total FIRST NATIONAL BANK OF OMAHA:				356.76
GAJEWSKI, JOSHUA				
GAJEWSKI033	03/31/2023	REIMB-3/9/2023 WWOA SE REG	61-00-00-53320 CONFERENCES & SCHOOL	40.00
Total GAJEWSKI, JOSHUA:				40.00
HD SUPPLY INC				
279638	02/24/2023	TRAFFIC BARRICADES	61-00-00-53500 OPERATIONS TOOLS & EQUIP	462.99
Total HD SUPPLY INC:				462.99
EVERBRIDGE				
M74907	03/14/2023	NIXLE SERVICE 3/23-3/24	61-00-00-53990 MISCELLANEOUS EXPENSE	333.33
Total EVERBRIDGE:				333.33
FIRST NATIONAL BANK OF OMAHA				
554328630882	03/29/2023	ROD-SEWER EASEMENT RESE	61-00-00-53990 MISCELLANEOUS EXPENSE	22.00
Total FIRST NATIONAL BANK OF OMAHA:				22.00
CULLIGAN OF BURLINGTON				
500X02905608	03/31/2023	LAB WATER	61-00-00-64000 LABORATORY SUPPLIES	108.60
Total CULLIGAN OF BURLINGTON:				108.60
CAPITAL ONE				
273072593283	03/13/2023	PAPER TOWELS/PLATES-KITCH	61-00-00-65000 OTHER OPERATING SUPPLIES-KITCH	56.10
Total CAPITAL ONE:				56.10
SECURIAN FINANCIAL GROUP				
APR LIFE 2023	03/22/2023	APR LIFE INS 2023	61-00-00-92630 LIFE INSURANCE EXPENSE	7.56
Total SECURIAN FINANCIAL GROUP:				7.56
INITIAL DESIGNS				
9855	03/23/2023	LANYARDS - UTILITY & DPW	61-00-00-92650 UNIFORM/CLOTHING EXPENSE	76.38
Total INITIAL DESIGNS:				76.38
DUNN LUMBER				
1358277	03/23/2023	QUICK LINKS, CLIPS, NUTS, BO	61-00-00-93501 MAINT-HEADWORKS BLDG	37.14

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total DUNN LUMBER:				37.14
UNITED LABORATORIES				
INV374263	03/22/2023	ODOR SOCK-HEADWORKS BLD	61-00-00-93501 MAINT-HEADWORKS BLDG	319.86
Total UNITED LABORATORIES:				319.86
DUNN LUMBER				
1360459	03/27/2023	SWEAT BALL VALVE-PROCESS	61-00-00-93503 MAINT-PROCESS BLDG	19.59
Total DUNN LUMBER:				19.59
HOME DEPOT CREDIT				
3013613	03/30/2023	SPRING NUTS/STRUT-PROCES	61-00-00-93503 MAINT-PROCESS BLDG	76.99
4171017	03/09/2023	ADAPTER/NIPPLE-PROCESS B	61-00-00-93503 MAINT-PROCESS BLDG	8.85
4624257	03/09/2023	ADAPTER/BALL VALVE-PROCE	61-00-00-93503 MAINT-PROCESS BLDG	27.63
5513208	03/08/2023	ADAPTER/NIPPLE-PROCESS B	61-00-00-93503 MAINT-PROCESS BLDG	8.85
Total HOME DEPOT CREDIT:				104.62
CAPITAL ONE				
423054711363	02/23/2023	CHARGER-PLANT GENERATOR	61-00-00-93601 MAINT-HEADWORKS EQUIP	21.47
Total CAPITAL ONE:				21.47
CITY ELECTRIC				
LKG/084689	04/03/2023	SNAP & KO PUSH IN CONN-PR	61-00-00-93603 MAINT-PROCESS EQUIP	6.08
Total CITY ELECTRIC:				6.08
DUNN LUMBER				
1362436	03/29/2023	SPRAY PAINT-PROCESS EQUIP	61-00-00-93603 MAINT-PROCESS EQUIP	13.70
Total DUNN LUMBER:				13.70
HOME DEPOT CREDIT				
9510014	04/03/2023	KNOCKOUT SEAL/CABLE-PROC	61-00-00-93603 MAINT-PROCESS EQUIP	96.39
Total HOME DEPOT CREDIT:				96.39
ROTE OIL				
63006470	03/27/2023	GEAR LUBE/ELITESYN-PROCE	61-00-00-93603 MAINT-PROCESS EQUIP	415.00
Total ROTE OIL:				415.00
BUMPER TO BUMPER AUTO PARTS				
06620470035	03/16/2023	CREDIT-BATTERY CORE-EQUIP	61-00-00-93700 MAINT-VEHICLES & EQUIP	36.00
662-470004	03/16/2023	BATTERY-MILITARY GOV MAINT	61-00-00-93700 MAINT-VEHICLES & EQUIP	311.98
662-470849	04/05/2023	BATTERY-TRUCK #27 MAINT DU	61-00-00-93700 MAINT-VEHICLES & EQUIP	293.98
Total BUMPER TO BUMPER AUTO PARTS:				569.96
CAPITAL ONE				
473072592671	03/13/2023	CHARGER/CONNECTOR-MILITA	61-00-00-93700 MAINT-VEHICLES & EQUIP	30.45

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total CAPITAL ONE:				30.45
FASTENAL COMPANY				
WIELK176008	03/06/2023	RIVETS-SHOP SUPPLIES	61-00-00-93700 MAINT-VEHICLES & EQUIP	11.44
Total FASTENAL COMPANY:				11.44
HOME DEPOT CREDIT				
3025205	03/20/2023	GRIND/CUTOFF-SHOP SUPP	61-00-00-93700 MAINT-VEHICLES & EQUIP	25.97
3513327	03/10/2023	SPRING/CLAMP-MILITARY GEN	61-00-00-93700 MAINT-VEHICLES & EQUIP	2.95
7624100	03/06/2023	GENERATOR MAINT/ECHO WE	61-00-00-93700 MAINT-VEHICLES & EQUIP	95.77
Total HOME DEPOT CREDIT:				124.69
ITU ABSORB TECH INC				
8100017	03/31/2023	SHOP RAGS	61-00-00-93700 MAINT-VEHICLES & EQUIP	32.20
Total ITU ABSORB TECH INC:				32.20
MIKES AUTO REPAIR INC				
67737	03/29/2023	BLAZER MAINT-OIL/TIRE/BALL J	61-00-00-93700 MAINT-VEHICLES & EQUIP	1,479.44
Total MIKES AUTO REPAIR INC:				1,479.44
CAPITAL ONE				
633053711930	02/22/2023	CHARGER-EMERGENCY GENE	61-00-00-93800 MAINT-LIFT STATIONS	42.94
Total CAPITAL ONE:				42.94
NEENAH FOUNDRY CO				
107165	03/20/2023	MANHOLE CASTING/LIDS	61-00-00-93810 MAINT-MAINS	2,996.00
Total NEENAH FOUNDRY CO:				2,996.00
ALLIANT ENERGY				
252422000023	04/03/2023	E STATE ROAD 50 GATE	61-00-00-93820 MAINT-RECEIVING STATION	19.97
054885000023	04/03/2023	E STATE ROAD 50 SEEPAGE	61-00-00-93830 MAINT-SEEPAGE CELLS/POND	136.51
Total ALLIANT ENERGY:				156.48
Total 61:				30,377.06
62				
E-CONOLIGHT LLC				
1397420	03/13/2023	C LIGHT FLAT PANEL	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	1,649.63
Total E-CONOLIGHT LLC:				1,649.63
HOME DEPOT CREDIT				
1261425	03/22/2023	STRETCH WRAP & ELEC BOX C	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	28.26
Total HOME DEPOT CREDIT:				28.26
MSA PROFESSIONAL SERVICES INC				
R07815010.0-1	03/20/2023	PROF SVCS-HWY 50 UTILITY S	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	1,800.00

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total MSA PROFESSIONAL SERVICES INC:				1,800.00
CORE & MAIN LP				
S387793	03/03/2023	HYDRANT TO INVENTORY	62-00-00-15000 MATERIAL-SUPPLIES	4,575.00
Total CORE & MAIN LP:				4,575.00
HOME DEPOT CREDIT				
6171938	03/27/2023	THERMOSTAT WIRE-METER IN	62-00-00-34600 METERS	196.00
Total HOME DEPOT CREDIT:				196.00
WRIGHTWOOD OF LAKE GENEVA				
WRIGHTWOO	03/17/2023	CUST REFUND-OVERBILLED FI	62-00-00-46200 PRIVATE FIRE PROTECTION	2,232.00
Total WRIGHTWOOD OF LAKE GENEVA:				2,232.00
MARTELLE WATER TREATMENT				
24904	03/28/2023	SODIUM HYPOCHLORITE	62-00-00-60200 CHEMICALS	1,214.89
Total MARTELLE WATER TREATMENT:				1,214.89
ALLIANT ENERGY				
145511000023	04/03/2023	361 MAIN ST WELL 2	62-00-00-60300 MISC EXPENSES & UTILITY	1,543.11
327391000023	04/03/2023	WAVERLY ST WELL 4	62-00-00-60300 MISC EXPENSES & UTILITY	553.24
348370000023	04/03/2023	WAVERLY ST WELL 3	62-00-00-60300 MISC EXPENSES & UTILITY	602.73
972745000023	04/03/2023	HASKINS ST WELL 5	62-00-00-60300 MISC EXPENSES & UTILITY	543.87
Total ALLIANT ENERGY:				3,242.95
HD SUPPLY INC				
309082	03/23/2023	WELLHOUSE BLEACH PUMP FE	62-00-00-60300 MISC EXPENSES & UTILITY	150.00
Total HD SUPPLY INC:				150.00
ALLIANT ENERGY				
347962000023	04/03/2023	DODGE ST BOOSTER	62-00-00-62300 PUMPING POWER PURCHASED	199.48
576425000023	04/03/2023	MAIN ST ENGINE ROOM	62-00-00-62300 PUMPING POWER PURCHASED	4,899.79
717061000023	04/03/2023	1401 CENTER ST BOOSTER	62-00-00-62300 PUMPING POWER PURCHASED	309.12
Total ALLIANT ENERGY:				5,408.39
HD SUPPLY INC				
305955	03/21/2023	PVC PIPE FITTINGS	62-00-00-63300 MAINT PUMPING EQUIP	87.65
Total HD SUPPLY INC:				87.65
SMITH ECOLOGICAL SYSTEMS COMPANY				
24198	03/21/2023	EJECTOR NOZZLE-EJECTOR C	62-00-00-63300 MAINT PUMPING EQUIP	478.20
Total SMITH ECOLOGICAL SYSTEMS COMPANY:				478.20
MARTELLE WATER TREATMENT				
24904	03/28/2023	HYDROFLUOSILICIC ACID, CHL	62-00-00-64100 CHEMICALS	5,972.48

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total MARTELLE WATER TREATMENT:				5,972.48
ALLIANT ENERGY				
974671000023	04/03/2023	361 MAIN ST HALLWAY	62-00-00-64200 LABOR & EXPENSES (LAB)	111.75
Total ALLIANT ENERGY:				111.75
AMY'S SHIPPING EMPORIUM				
83144	03/07/2023	WATER SAMPLE SHIPPING/FRE	62-00-00-64200 LABOR & EXPENSES (LAB)	90.01
83368	03/13/2023	WATER SAMPLE SHIPPING/FRE	62-00-00-64200 LABOR & EXPENSES (LAB)	20.82
83373	03/13/2023	WATER SAMPLE SHIPPING/FRE	62-00-00-64200 LABOR & EXPENSES (LAB)	6.12
84137	03/28/2023	WATER SAMPLE SHIPPING/FRE	62-00-00-64200 LABOR & EXPENSES (LAB)	95.23
84152	03/28/2023	WATER SAMPLE SHIPPING/FRE	62-00-00-64200 LABOR & EXPENSES (LAB)	22.30
Total AMY'S SHIPPING EMPORIUM:				234.48
NCL OF WISCONSIN				
484317	03/10/2023	TSB LABORATORY PREPARED	62-00-00-64200 LABOR & EXPENSES (LAB)	18.44
Total NCL OF WISCONSIN:				18.44
NORTHERN LAKE SERVICE INC				
2303739	03/28/2023	MANGANESE MONTHLY TESTI	62-00-00-64200 LABOR & EXPENSES (LAB)	42.91
Total NORTHERN LAKE SERVICE INC:				42.91
WI STATE LABORATORY OF HYGIENE				
738974	03/31/2023	FLOURIDE SPLIT SAMPLE	62-00-00-64200 LABOR & EXPENSES (LAB)	28.00
Total WI STATE LABORATORY OF HYGIENE:				28.00
HOME DEPOT CREDIT				
3164136	03/30/2023	PIPE CLAMP/BRACKETS TREAT	62-00-00-65100 PLANT MAINTENANCE	22.76
Total HOME DEPOT CREDIT:				22.76
HD SUPPLY INC				
313422	03/28/2023	CHEMICAL PIPING FITTINGS	62-00-00-65200 MAINT WATER TREATMENT EQUIP	7.38
317649	03/31/2023	PVC FITTINGS CHEMICAL ROO	62-00-00-65200 MAINT WATER TREATMENT EQUIP	13.74
Total HD SUPPLY INC:				21.12
ALLIANT ENERGY				
098433000023	04/03/2023	750 WILD RIDGE DR WATER TO	62-00-00-66100 MAINT OPS-STANDPIPES	122.26
520171000023	04/03/2023	1887 DODGE ST TOWER	62-00-00-66100 MAINT OPS-STANDPIPES	185.50
Total ALLIANT ENERGY:				307.76
AMAZON CAPITAL SERVICES				
89C4-FEB 202	03/01/2023	CUT-OFF SAW CARBURETOR	62-00-00-66500 MISC EXPENSE LICENSE & TOOLS	94.00
Total AMAZON CAPITAL SERVICES:				94.00
DUNN LUMBER				
1352193	03/15/2023	SAW/PVC FITTINGS	62-00-00-66500 MISC EXPENSE LICENSE & TOOLS	33.76

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total DUNN LUMBER:				33.76
DOWN TO EARTH				
8049	03/27/2023	PINE TREE LANE MAIN BREAK	62-00-00-67300 MAINT OF MAINS & VALVES	3,682.00
Total DOWN TO EARTH:				3,682.00
CENTRAL PRINTING AND MEDIA SOLUTIONS				
189638	04/11/2023	WATER METER HISTORY CARD	62-00-00-67600 MAINT OF METERS	152.00
Total CENTRAL PRINTING AND MEDIA SOLUTIONS:				152.00
CORE & MAIN LP				
S352315	03/14/2023	OMNI METERS REGISTER CYC	62-00-00-67600 MAINT OF METERS	4,577.61
Total CORE & MAIN LP:				4,577.61
DUNN LUMBER				
1369068	04/06/2023	METER INSTALLS/MAINT-SCRE	62-00-00-67600 MAINT OF METERS	50.14
Total DUNN LUMBER:				50.14
HOME DEPOT CREDIT				
6171938	03/27/2023	THERMOSTAT WIRE-METER IN	62-00-00-67600 MAINT OF METERS	100.99
Total HOME DEPOT CREDIT:				100.99
SCHMITZ READY MIX INC				
1031727-IN	03/01/2023	HYDRANT REPLACEMENT-INS	62-00-00-67700 MAINT OF HYDRANTS	870.00
Total SCHMITZ READY MIX INC:				870.00
HOME DEPOT CREDIT				
7163339	03/16/2023	PIPE CLAMP/PVC GLUE	62-00-00-67800 MAINT FOUNTAINS & MISC PLANT	11.42
Total HOME DEPOT CREDIT:				11.42
AT&T				
262248865603	03/13/2023	MAR 2023 TELEPHONE BILL	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	114.74
Total AT&T:				114.74
AT&T LONG DISTANCE				
816988240-02	03/04/2023	262-248-8617 FEB	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	2.02
Total AT&T LONG DISTANCE:				2.02
CHARTER COMMUNICATIONS				
010682403212	03/21/2023	WATER MARCH INTERNET	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	119.98
Total CHARTER COMMUNICATIONS:				119.98
FIRST NATIONAL BANK OF OMAHA				
554328630552	02/24/2023	VONAGE PHONE SVC 3/23/2023	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	134.36

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total FIRST NATIONAL BANK OF OMAHA:				134.36
INITIAL DESIGNS				
9855	03/23/2023	LANYARDS - UTILITY & DPW	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	76.37
Total INITIAL DESIGNS:				76.37
MARTIN BUSINESS GROUP				
1295234	03/20/2023	SERVICE CONTRACT/COPIES	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	112.54
Total MARTIN BUSINESS GROUP:				112.54
ODP BUSINESS SOLUTIONS LLC				
304672636001	03/24/2023	COPY PAPER & MAT	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	53.23
304673340001	03/24/2023	LABELS	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	60.55
306716444001	04/04/2023	STENO BKS, LEGAL PADS, PRI	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	32.24
306937409001	04/03/2023	TAPE & SHARPIES	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	22.37
Total ODP BUSINESS SOLUTIONS LLC:				168.39
SHI INTERNATIONAL CORP.				
B16557042	03/03/2023	VEEAM BACKUP RENEWAL	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	117.79
Total SHI INTERNATIONAL CORP.:				117.79
UNITED STATES POST OFFICE				
USPS041123	04/11/2023	A/C# 270534-PAYMENT ON ACC	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	20.00
Total UNITED STATES POST OFFICE:				20.00
US CELLULAR				
0566151310	03/04/2023	WATER MONTHLY PHONE BILL	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	191.35
Total US CELLULAR:				191.35
WI DEPT OF ADMINISTRATION				
505-00000730	10/13/2022	IRONPORT ACCT FEE	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	3.06
505-00000740	11/11/2022	IRONPORT ACCT FEE	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	3.06
505-00000756	12/14/2022	IRONPORT ACCT FEE	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	3.05
505-00000764	02/16/2023	IRONPORT ACCT FEE	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	3.05
505-00000772	02/13/2023	IRONPORT ACCT FEE	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	3.06
Total WI DEPT OF ADMINISTRATION:				15.28
CLEAN WATER ENGINEERING LLC				
1027	04/05/2023	CROSS CONNECTION INSPECT	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	9,396.00
Total CLEAN WATER ENGINEERING LLC:				9,396.00
VELOCITY				
2023052	04/10/2023	OFFICE 365 LIC & AZURE BACK	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	124.25
Total VELOCITY:				124.25
ARENZ, MICHAEL				
ARENZ041223	04/12/2023	REIMB WORK BOOTS/SAFETY	62-00-00-92600 EMPLOYEE PENSIONS & BENEFITS	100.00

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total ARENZ, MICHAEL:				100.00
SECURIAN FINANCIAL GROUP				
APR LIFE 2023	03/22/2023	APR LIFE INS 2023	62-00-00-92630 LIFE INSURANCE EXPENSE	12.90
Total SECURIAN FINANCIAL GROUP:				12.90
EVERBRIDGE				
M74907	03/14/2023	NIXLE SERVICE 3/23-3/24	62-00-00-93000 MISCELLANEOUS GENERAL EXP	333.32
Total EVERBRIDGE:				333.32
DUNN LUMBER				
1353811	03/17/2023	BATTERIES, CLEANING SUPPLI	62-00-00-93200 MAINTENANCE OF GENERAL PLANT	37.08
1353859	03/17/2023	NUTS & BOLTS	62-00-00-93200 MAINTENANCE OF GENERAL PLANT	6.33
Total DUNN LUMBER:				43.41
HOME DEPOT CREDIT				
7163308	03/16/2023	D BATTERIES-ELEC BOX & COV	62-00-00-93200 MAINTENANCE OF GENERAL PLANT	20.95
Total HOME DEPOT CREDIT:				20.95
MIKES AUTO REPAIR INC				
67704	03/27/2023	REPAIR DAMAGED TIRE 2019 3/	62-00-00-93300 TRANSPORTATION EXPENSE	43.08
67737	03/29/2023	BLAZER MAINT-OIL/TIRE/BALL J	62-00-00-93300 TRANSPORTATION EXPENSE	1,479.45
Total MIKES AUTO REPAIR INC:				1,522.53
Total 62:				50,020.77
Grand Totals:				80,397.83

Dated: _____

Mayor: _____

City Council: _____

City Recorder: _____

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
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Report Criteria:

Detail report.

Invoices with totals above \$0.00 included.

Paid and unpaid invoices included.

Invoice Detail.GL account (2 Characters) = "61","62"

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
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Report Criteria:

Detail report.

Invoices with totals above \$0.00 included.

Paid and unpaid invoices included.

Invoice Detail.GL account (2 Characters) = "61","62"



Lake Geneva Utility Commission

MUNICIPAL WATER AND WASTEWATER SERVICES

361 W Main Street
P.O. Box 187
Lake Geneva, WI 53147
262-248-2311
www.lgutilitycommission.com

Dennis Lyon – President
Josh Gajewski – Utility Director
Jeff Ecklund – Water Superintendent
Ken Bauman – Wastewater Superintendent

TO: Lake Geneva Utility Commission
FROM: Josh Gajewski, Utility Director
SUBJECT: April 2023 Director's Report

OPERATIONS UPDATE

WATER OPERATIONS

The Pine Tree and Mariane Improvement Project continued through the last month, and it is expected that the water main portion of the project scope will be completed the week of April 17th.

The PSC report was finalized by staff and submitted to the auditor in late March, and we expect the filing of the report to be completed in late April.

Water and Wastewater staff worked together to install new high-efficiency lighting fixtures within 7 areas of the highest staff occupancy, and we also were able to obtain rebates from Focus on Energy to reimburse 30% of the project cost.

WASTEWATER OPERATIONS

Wastewater staff and Water staff have been working together, along with the equipment supplier, to install the new VFDs for the aeration equipment and we expect this project to be wrapped up in May.

The lift station for Phase 5 of Symphony Bay was started up the week of April 3rd, which included the installation of temporary electric and control panels. The Developer will be operating the station during the interim period until the service building and controls are constructed late in the summer or early fall.

OFFICE & ADMINISTRATION

Staff has continued corresponding with WisDOT and Walworth County regarding their respective road projects around the city within the next 5 years. We have also continued work with Engineering to develop preliminary evaluations of the utilities within these corridors. Additional information will be provided to the Commission about these projects at the April meeting.

The proposed revisions to the Impact Fee Report were reviewed by FLR and Council and a public hearing will be held on April 24th, where an ordinance will be discussed for the adoption of the changes.

Our electronic payment services continue to grow with 27% of the total receipts to date for April having been processed digitally, which were handled through roughly 700 transactions. We currently have 1,725 customers signed up for e-bills which is roughly 35% of our customer base.

9. Pay Application #1 – Pine Tree & Mariane Improvement Project

We have received the first Payment Application from Asphalt Contractors Inc. for work completed through March 31, 2023. Items 14 and 35 – 53 are direct costs for the Utility. Items 1-3 are proposed to be split between the Utility and DPW based on the prorated portion of the attributable costs within the scope of work. For this payment application, the Utility would be responsible for \$10,600 of the \$26,500 listed for items 1-3. In total, the Utility would issue payment for \$186,601.77, with the remainder of the requested payment.

Action is recommended to approve the payment of \$186,601.77 to Asphalt Contractors Inc. for work completed on the Pine Tree & Mariane Improvement Project through 3/31/23.

10. STH 50/Main Street Water Main and Sanitary Sewer Evaluation

Staff has worked with Engineering to provide a high-level evaluation of potential utility improvements within the project limits, copies of which are included in packets for Commissioner review. The initial evaluation and feasibility analysis indicate that the desired improvements previously identified would be constructible. The next portion of the preliminary project work would be to move into a cost-of-construction analysis, which would assist in defining a cost-benefit approach to the various design alternatives. If found desirable, the project would then need to move into a design phase, followed later by the bidding process to move toward construction.

Staff requests direction from the Commission to continue with the proposed Utility improvements on STH 50.

11. CTH H Repaving Project Update

Utility and DPW staff met with the Walworth County Highway Department to discuss the scope and potential timing of the proposed project. Staff prepared supporting maps for the project to outline the expected project limits, along with a general outline of where water and sanitary sewer improvement work is anticipated to take place. Additional information will be provided to the Commission by Staff at the April meeting.

No formal action is recommended by Staff at this time, update only.

12. Closed Session

Staff will be in attendance at the April meeting to provide input to the Commission as requested.

Contractor's Application for Payment No. 1

0 Application Period: 3/31/2023	1 Application Date: 3/31/2023
To (Owner): City of Lake Geneva	From (Contractor): Asphalt Contractors
Project: 2023 Mariane Terrace and Pine Tree Lane Improvements	Via (Engineer): MSA Professional Services, Inc. 
Owner's Contract No.:	Contractor's Project No.:
	Engineer's Project No.: 19995004

Application For Payment Change Order Summary

Approved Change Orders		
Number	Additions	Deductions
1	\$ 4,830.00	
TOTALS	\$ 4,830.00	\$ -
NET CHANGE BY CHANGE ORDERS	\$	4,830.00

1. ORIGINAL CONTRACT PRICE.....	\$ 1,012,080.34
2. Net change by Change Orders.....	\$ 4,830.00
3. Current Contract Price (Line 1 ± 2).....	\$ 1,016,910.34
4. TOTAL COMPLETED AND STORED TO DATE (Column F or I total on Progress Estimates).....	\$ 178,451.77
5. RETAINAGE:	
a. 5% X \$178,451.77 Work Completed.....	\$ 8,922.59
b. 0% X _____ Stored Material.....	\$
c. Total Retainage (Line 5.a + Line 5.b).....	\$ 8,922.59
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c).....	\$ 169,529.18
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....	\$
8. AMOUNT DUE THIS APPLICATION.....	\$ 169,529.18
9. BALANCE TO FINISH, PLUS RETAINAGE (Column [G for LS] or [J for UP] total on Progress Estimates + Line 5.c above).....	\$ 838,458.57

Contractor's Certification

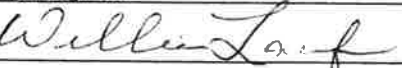
The undersigned Contractor certifies, to the best of its knowledge, the following:

(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;

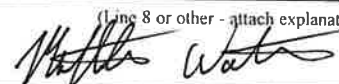
(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner 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:  Date: 4/6/2023

Payment of: \$ 169,529.18
(Line 8 or other - attach explanation of the other amount)

is recommended by:  4/6/2023
(Engineer) (Date)

Payment of: \$ _____
(Line 8 or other - attach explanation of the other amount)

is approved by: _____
(Owner) (Date)

Approved by: _____
Funding or Financing Entity (if applicable) (Date)

Progress Estimate - Unit Price Work

For (Contract): 2023 Mariane Terrace and Pine Tree Lane Improvements											
Application Period: 1/0/1900											
A						B	C	D	E	F	G
Item			Contract Information				Work Completed to Date				
Bid Item No.	Spec. Item No.	Description	Item Quantity	Units	Unit Price	Total Value of Item (\$)	Quantities from Previous Pay Applications	Estimated Quantities Installed this Pay Period	Value of Work Installed this Pay Period	Total Estimated Quantity Installed	Value of Work Installed to Date
1		Mobilization/Bonds/Insurance	1	LS	\$48,000.00	\$48,000.00	0	0.50	\$24,000.00	0.50	\$24,000.00
2		Clearing and Grubbing	1	LS	\$1,000.00	\$1,000.00	0	0.00	\$0.00		\$0.00
3		Traffic Control	1	LS	\$5,000.00	\$5,000.00	0	0.50	\$2,500.00	0.50	\$2,500.00
4		Asphalt Pavement Removal	4,590	SY	\$3.75	\$17,212.50	0	4279.78	\$16,049.18	4279.78	\$16,049.18
5		Concrete Pavement Removal	5,500	SF	\$1.50	\$8,250.00	0	1882.20	\$2,823.29	1882.20	\$2,823.29
6		Remove & Salvage Driveway Brick	175	SF	\$5.50	\$962.50	0		\$0.00		\$0.00
7		Remove Existing Storm Water Structure	1	LS	\$1,575.00	\$1,575.00	0		\$0.00		\$0.00
8		Remove, Salvage & Reinstall Mailbox	27	EA	\$200.00	\$5,400.00	0	17.00	\$3,400.00	17.00	\$3,400.00
9		Remove, Salvage & Reinstall Sign	3	EA	\$165.00	\$495.00	0		\$0.00		\$0.00
10		Remove, Salvage & Reinstall Landscaping Rocks	1	LS	\$800.00	\$800.00	0		\$0.00		\$0.00
11		Remove, Salvage & Reinstall Fence, 705 Pine Tree Ln	85	LF	\$68.24	\$5,800.40	0		\$0.00		\$0.00
12		Unclassified Excavation	1	LS	\$68,000.00	\$68,000.00	0		\$0.00		\$0.00
13		Remove, Salvage & Reinstall Boulder Retaining Wall, 815 Pine Tr	1	LS	\$5,800.00	\$5,800.00	0		\$0.00		\$0.00
14		Adjust Manhole Casting	6	EA	\$1,785.00	\$10,710.00	0		\$0.00		\$0.00
15		Excavation Below Subgrade (EBS)	475	CY	\$28.00	\$13,300.00	0		\$0.00		\$0.00
16		Breaker Run W/Fabric (EBS)	475	CY	\$50.00	\$23,750.00	0		\$0.00		\$0.00
17		Dense Graded Base	5,110	TON	\$26.00	\$132,860.00	0		\$0.00		\$0.00
18		Concrete Curb & Gutter, 30-Inch	1,200	LF	\$25.50	\$30,600.00	0		\$0.00		\$0.00
19		Concrete Curb & Gutter, 30-Inch Mountable	300	LF	\$23.00	\$6,900.00	0		\$0.00		\$0.00
20		Concrete Curb & Gutter, 24-Inch Ribbon	1,010	LF	\$18.00	\$18,180.00	0		\$0.00		\$0.00
21		Concrete Flume, STA 54+50lt	1	EA	\$2,500.00	\$2,500.00	0		\$0.00		\$0.00
22		Concrete Sidewalk, 4-Inch Thick	310	SF	\$11.00	\$3,410.00	0		\$0.00		\$0.00
23		Concrete Sidewalk, 6-Inch Thick	110	SF	\$12.00	\$1,320.00	0		\$0.00		\$0.00
24		Concrete Drive Aprons and Driveways, 6-Inch Thick	7,100	SF	\$9.00	\$63,900.00	0		\$0.00		\$0.00
25		Detectable Warning Field	20	SF	\$40.00	\$800.00	0		\$0.00		\$0.00
26		Asphaltic Pavement, 2.0-Inch Thick Binder Course	525	TON	\$87.50	\$45,937.50	0		\$0.00		\$0.00
27		Asphaltic Pavement, 2.0-Inch Thick Surface Course	525	TON	\$90.20	\$47,355.00	0		\$0.00		\$0.00
28		Asphaltic Pavement, 3.0-Inch Thick Driveway	30	TON	\$130.00	\$3,900.00	0		\$0.00		\$0.00
28.1		Stop Bar Pavement Marking, 6-Inch White Epoxy	145	LF	\$22.50	\$3,262.50	0		\$0.00		\$0.00
28.2		Cross Walk Pavement Markings, 4-Inch White Epoxy	35	LF	\$21.50	\$752.50	0		\$0.00		\$0.00
29		2 Ft x 3 Ft Inlet	6	EA	\$2,940.00	\$17,640.00	0		\$0.00		\$0.00
30		48-Inch Storm Manhole	3	EA	\$3,675.00	\$11,025.00	0		\$0.00		\$0.00
31		18- Inch RCP Storm Pipe	100	LF	\$80.85	\$8,085.00	0		\$0.00		\$0.00
32		12- Inch RCP Storm Pipe	50	LF	\$79.80	\$3,990.00	0		\$0.00		\$0.00
33		Connect to Existing Storm Sewer	1	LS	\$788.00	\$788.00	0		\$0.00		\$0.00
34		Inlet Protection, Type-D	20	EA	\$145.00	\$2,900.00	0	10.00	\$1,450.00	10.00	\$1,450.00

Progress Estimate - Unit Price Work

For (Contract): 2023 Mariane Terrace and Pine Tree Lane Improvements											
Application Period 1/0/1900											
A						B	C	D	E	F	G
Item			Contract Information				Work Completed to Date				
Bid Item No.	Spec. Item No.	Description	Item Quantity	Units	Unit Price	Total Value of Item (\$)	Quantities from Previous Pay Applications	Estimated Quantities Installed this Pay Period	Value of Work Installed this Pay Period	Total Estimated Quantity Installed	Value of Work Installed to Date
35		Topsoil, Seed, Fertilize, Erosion Mat Class I Type B, Urban	1,400	SY	\$8.50	\$11,900.00	0		\$0.00		\$0.00
36		Silt Fence	500	LF	\$2.50	\$1,250.00	0	385.00	\$962.50	385.00	\$962.50
37		Rip-Rap, Heavy Duty	12	CY	\$130.00	\$1,560.00	0		\$0.00		\$0.00
38		Valve Box, Top Section, Undistributed	13	EA	\$341.00	\$4,433.00	0		\$0.00		\$0.00
39		8- Inch C900 PVC Watermain	1,405	LF	\$113.40	\$159,327.00	0	775.00	\$87,885.00	775.00	\$87,885.00
40		6- Inch DI Watermain	60	LF	\$130.20	\$7,812.00	0	24.00	\$3,124.80	24.00	\$3,124.80
41		8- Inch Gate Valve and Box	4	EA	\$3,060.00	\$12,240.00	0	1.00	\$3,060.00	1.00	\$3,060.00
42		6- Inch Gate Valve and Box	4	EA	\$2,241.00	\$8,964.00	0	2.00	\$4,482.00	2.00	\$4,482.00
43		Complete Hydrant Assembly	4	EA	\$9,550.00	\$38,200.00	0	2.00	\$19,100.00	2.00	\$19,100.00
44		8- Inch x 6- Inch DI Tee	4	EA	\$855.00	\$3,420.00	0	2.00	\$1,710.00	2.00	\$1,710.00
45		8- Inch DI Bend, 11 25 Degree	3	EA	\$642.00	\$1,926.00	0	1.00	\$642.00	1.00	\$642.00
46		8- Inch D.I. Bend, 22.5 Degree	1	EA	\$666.00	\$666.00	0		\$0.00		\$0.00
47		8- Inch D.I. Bend, 45 Degree	4	EA	\$666.00	\$2,664.00	0	1.00	\$666.00	1.00	\$666.00
48		8- Inch D.I. Cap	1	EA	\$490.00	\$490.00	0		\$0.00		\$0.00
48.1		1- Inch Polyethylene Water Service and Connection	840	LF	\$84.00	\$70,560.00	0		\$0.00		\$0.00
49		1- Inch Curb Stop and Box	30	EA	\$468.00	\$14,040.00	0		\$0.00		\$0.00
50		1- Inch Water Service Tap with Corporation	30	EA	\$1,325.00	\$39,750.00	0		\$0.00		\$0.00
51		Connect to Existing Watermain	1	EA	\$4,147.00	\$4,147.00	0	1.00	\$4,147.00	1.00	\$4,147.00
52		Abandon Existing Watermain Facilities	1	LS	\$6,285.00	\$6,285.00	0		\$0.00		\$0.00
53		Insulation, Rigid, 2- Inch Thick	64	SF	\$4.46	\$285.44	0		\$0.00		\$0.00
Contract Totals									\$176,001.77		\$176,001.77

CHANGEORDERS

1		Bio rolls/straw wattles (Change Order #1)	350	LF	\$9.80	\$ 3,430.00	0	250	\$2,450.00	250	\$2,450.00
2		Utility Line Opening (Change Order #1)	2	EA	\$700.00	\$ 1,400.00	0		\$0.00		\$0.00
3						\$ -			\$0.00		\$0.00
4						\$ -			\$0.00		\$0.00
5						\$ -			\$0.00		\$0.00
6						\$ -			\$0.00		\$0.00
7						\$ -			\$0.00		\$0.00
8						\$ -			\$0.00		\$0.00
9						\$ -			\$0.00		\$0.00
10						\$ -			\$0.00		\$0.00
Change Order Totals									\$2,450.00		\$2,450.00
TOTALS									\$178,451.77		\$178,451.77

To: Lake Geneva Utility Commission, Josh Gajewski
From: MSA Professional Services, Brad Stuczynski
Subject: STH 50 Watermain Evaluation
Date: April 14, 2023

This memo is intended to summarize the findings of WaterCAD modeling scenarios along the STH 50/Main Street corridor. The Wisconsin Department of Transportation is currently in the design phase of the STH 50 reconstruction project, which is scheduled for construction in 2026. The Utility plans to complete watermain improvements in 2025.

Prior to conducting scenario runs in the WaterCAD model, the model was updated to include recent watermain improvement/construction projects. The following projects were incorporated into the model:

- Summerhaven Phase 2
- Stone Ride Phase 2
- Warren St. & Wells St.
- Symphony Bay Phase 3
- Symphony Bay Phase 4

Assumed Conditions: Available fire flow in gallons per minute (gpm) and pounds per square inch (psi) at various points in the water system.

2021 PSC data was used to update the City's average day and maximum day demand:

- Average day: 1,498,000 gal
- Maximum day: 2,759,000 gal
 - Note: max. day water usage attributed approximately 400,000 gal. to hydrant flushing. For this reason, a max. day demand of 2,359,000 gal will be used.

Table 1 – Summary of Water Modeling Scenarios

Area	Scenario	Description	Proposed Length (ft)	Proposed Size (in)	Dodge Booster Suction (Hyd F7H-002), LWL				STH50/Lakeview (Hyd F7H-014)		Sheridan Springs/Williams Inters. (Hyd H6H-015) (gpm)
					1 pmp flow (gpm)	2 pmp flow (gpm)	Pressure, 1 pmp	Pressure, 2 pmps (psi)	No PRV at Skyline Dr.	PRV at Skyline Dr.	
	EX	Existing Conditions	-	-	800	1150	54	47	450	-	1600
7	7A	W Main St - Warren-Lakeview + Broad-WTP	4250	12" + 16"	800	1150	54	47	1250	-	1600
7	7B	W Main St - Warren-Lakeview + Broad-WTP	4250	12" + 12"	800	1150	54	47	1250	2100	1600
7	7C	W Main St - Warren-Lakeview + Broad-WTP	4250	16" + 16"	800	1150	54	47	1600	-	1600

Each of the water modeling scenarios are described and shown in more detail on the following pages of this memo.

MEMO

April 13, 2023

Scenario - Existing watermain size along STH50 from Forest Street to Warren Street

Existing watermain along STH50 between Warren Street and Forest Street is primarily 6-inch diameter. The watermain transitions to 8-inch west of Lakeshore Drive (at the Dodge Zone- Low Pressure Zone interface). The watermain in question is outlined in a white dotted line in Exhibit 1. The red dotted line indicates the approximate border between the Dodge High-Pressure Zone and the Low-Pressure Zone.

Exhibit 1 – Existing Conditions



Max. day demand was used in this analysis as a 'worst case' fire flow scenario. Existing fire flows are shown as dots. The red dots indicate fire flows less than the Wisconsin Administrative Code required (NR811) flow of 500 gpm at 20 psi residual. Orange dots denote fire flows from 500-1500 gpm and green dots denotes fire flows between of 1500-2500 gpm. As shown, the Lakeshore Drive residential area have modeled fire flows that fall below the code-required 500 gpm. There are two primary reason for this:

- All existing watermain in the Lakeshore Drive area is 4-inch diameter (shown as yellow, see Exhibit 2 for watermain color-coding)
- The existing watermain along STH50 supplying Lakeshore Drive is 6-inch diameter. Note: this is the only source of water for the Lakeshore Drive area as there is no existing automated interconnect between the Dodge Pressure Zone and the Low-Pressure Zone in this area.

MEMO

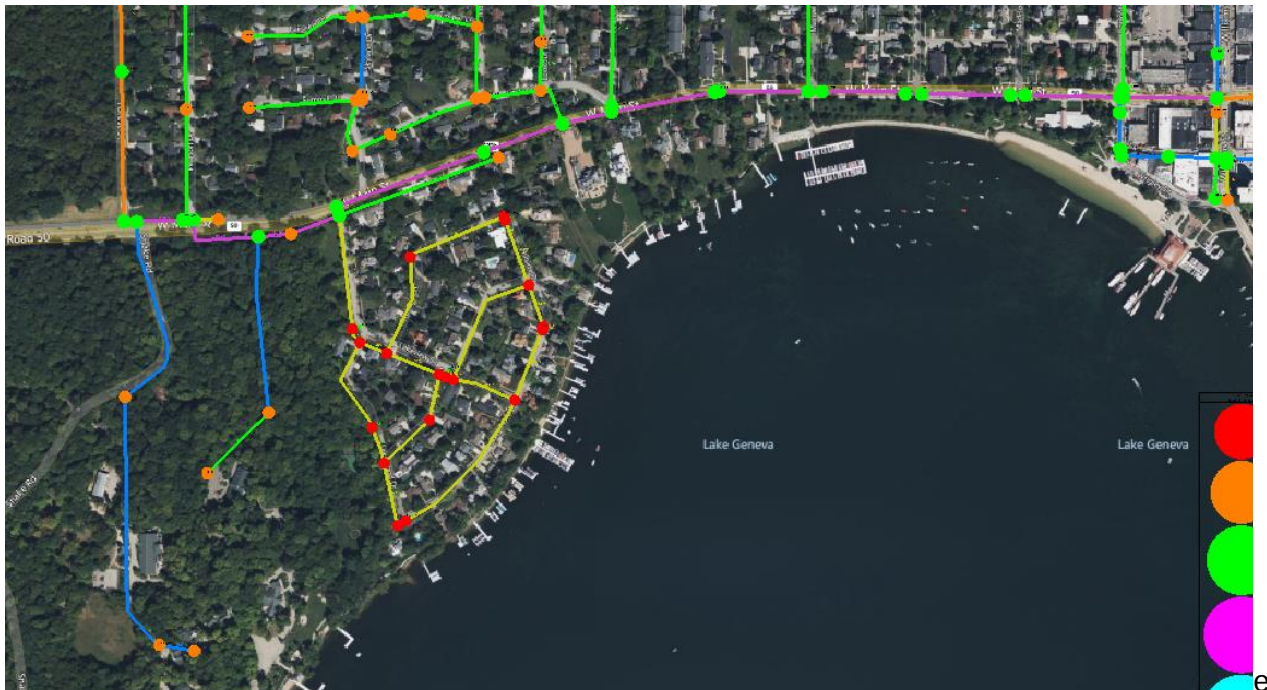
April 13, 2023

Scenario 7A – 12-inch Watermain from Warren to Lakeview + 16-inch Watermain from Broad to WTP

STH50 has 12-inch watermain east of the Warren Street/STH50 intersection. For this analysis, a 12-inch watermain was modeled to replace the existing 6-inch main along STH50. A snip of the results of this analysis is included below.

- There is no significant improvement of fire flow at H6H-015 or F7H-002 compared to scenarios 7B and 7C.

Exhibit 2 – Upsize to Watermain along STH 50



Scenario 7B – 12-inch Watermain from Warren to Lakeview + 12-inch Watermain from Broad to WTP

- There is no significant improvement of fire flow at H6H-015 or F7H-002 compared to scenarios 7A and 7C.

Scenario 7B2 – 12-inch Watermain from Warren to Lakeview + 12-inch Watermain from Broad to WTP + PVR at Sky Lane Drive Back feeding Low Pressure Zone

- Adding an interconnect to back feed the low pressure zone in this location results in an additional 850 gpm of fire flow (2,100 gpm total) at F7H-014.

Scenario 7C – 16-inch Watermain from Warren to Lakeview + 16-inch Watermain from Broad to WTP

- There is no significant improvement of fire flow at H6H-015 or F7H-002 compared to scenarios 7A and 7B.
- There is an improvement of approximately 350 gpm at F7H-014.

MEMO

April 13, 2023

Recommendations

The City is considering recommendations to add a 700 gpm fire pump to the existing Dodge Booster Station, as well as add a new booster station capable of pumping of a minimum of 210 gpm to supply a new high pressure zone west of the City limits (Northwest HPZ).

One alternative to this recommendation is to relocate the Dodge Booster Station to an area northwest of the STH 50 and Forest Street intersection. The relocated booster station could also house pumps to supply the new Northwest HPZ, as well as a pressure reducing valve (PRV) to allow back feeding the LPZ.

As long as this alternative is a consideration, the Utility should plan watermain improvements to provide adequate supply side pressure and flow for a future booster station. A minimum flow of 1,810 gpm (1,610 gpm for the Dodge HPZ plus 210 gpm for the future Northwest HPZ) should be targeted. Based on this target, a 12-inch main from Elmwood to the west end of the City limits does not appear to be adequate.

If a booster station at this location is not being considered, then 12-inch watermain to the western ends of the City would be adequate. A 12-inch watermain would provide flexibility to extend fire protection and water service west of the City limits. However, as watermain is extended west, ground elevation becomes limiting to meet NR 811 code for pressure and flow requirements.

To: Josh Gajewski - City of Lake Geneva
From: Greg Gunderson, PE - MSA Professional Services, Inc.
Subject: State Highway-50 & Hillmoor Sewer Analysis
Date: April 12, 2023

This memo is intended to summarize the findings related to sanitary sewer modeling associated with the State Highway 50 (STH 50) Department of Transportation project and proposed location of development at the Hillmoor site.

Previous communication with the City led to the following questions/tasks that are addressed within this memo.

1. Evaluate the suitability of replacing gravity sewer under STH50 and extending to the west from Elmwood Avenue to Forest Street.

Based on the analysis performed it appears that there is suitable ground cover and appropriate elevation to extend the gravity sewer under STH 50 while picking up additional flow from Forest St, Pearson Drive, Snake Road and the forcemain that ties into MH J5005. The first two attach maps titled "MHJ5057 New Gravity Main" depict the routing, manhole elevations, and ground elevations. Current manholes are called out with the GIS-based MH depth and invert elevation. The proposed gravity route shown in green depicts a direct point-to-point route with a slope of 2% on the main and 0.4% on any identified laterals. The numbers shown in yellow on the figure correspond to the proposed pipe invert at that location. There is a substantial change in depth compared to the existing manholes at a number of locations along STH 50. However, multiple slopes and consideration of a drop were not considered at this stage of analysis and could be further investigated with the other proposed utility work along STH 50. MSA's recommendation would be to provide replacement/upsizing of the gravity sewer all the way to the connection point into the 14" gravity sewer at Maxwell Street. A hydraulic analysis was not calculated as the official gravity sewer design slopes and future expansion area is not fully identified; however, a minimum 12" gravity sewer would seem reasonable as an upsize to the existing 8" gravity.

To further supplement the analysis for any future expansion area to the west of the STH 50/Forest Street intersection, a Pipe Planning Assessment Tool "PPAT" analysis was performed to show the serviceable area. The third figure "MH J5057 New Gravity Sewer"

MEMO

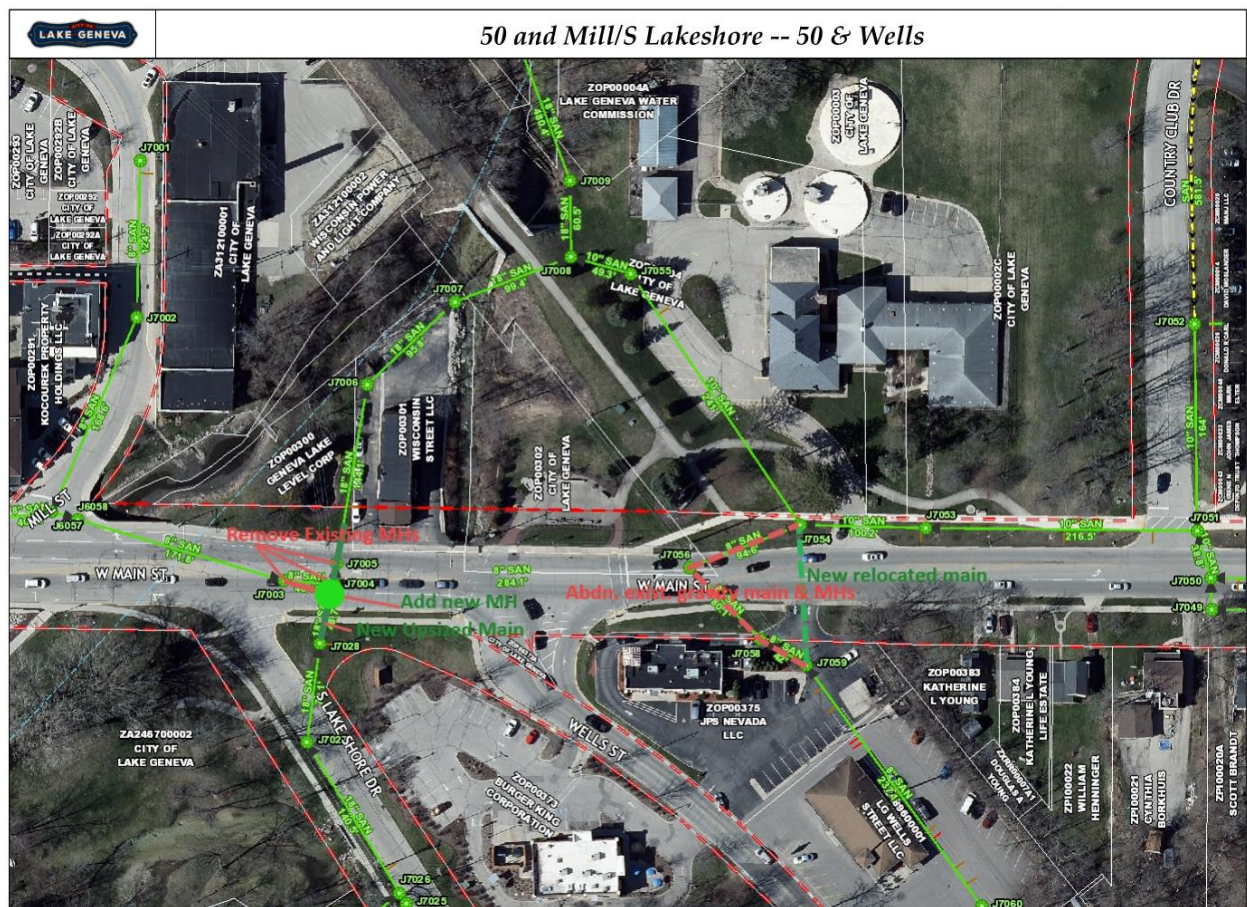
April 11, 2023

shows the estimated depth below current grade for the invert at each location as indicated by the shading. The analysis assumes 0.4% slope from the main to any outlying areas without any preferred/defined routing.

2. Provide recommendation of sewer crossings of STH 50 near Country Club Drive.

Without further detailing the future expansion and development plans for the City on south side of the lake, the modelling of any future flows could be grossly misrepresented at the crossing close to S. Lake Shore Drive and STH 50. Therefore, to simplify the analysis, at this time, MSA would recommend placing an oversized casing (~36") under STH 50 as close to the existing 18" sanitary line as possible so that routing is not an issue. This would allow the City to further confirm the sizing needs through modelling and provide allowance for upsizing of the line in the future.

The realignment of the crossing of STH 50 east of Wells St to straighten the routing of the 8" from J7059 to J7054 seems reasonable according to the drawing provided by the City as shown below. Upsizing this line during replacement may be beneficial to extend the service life of the pipe, should this line receive more flow in the future.

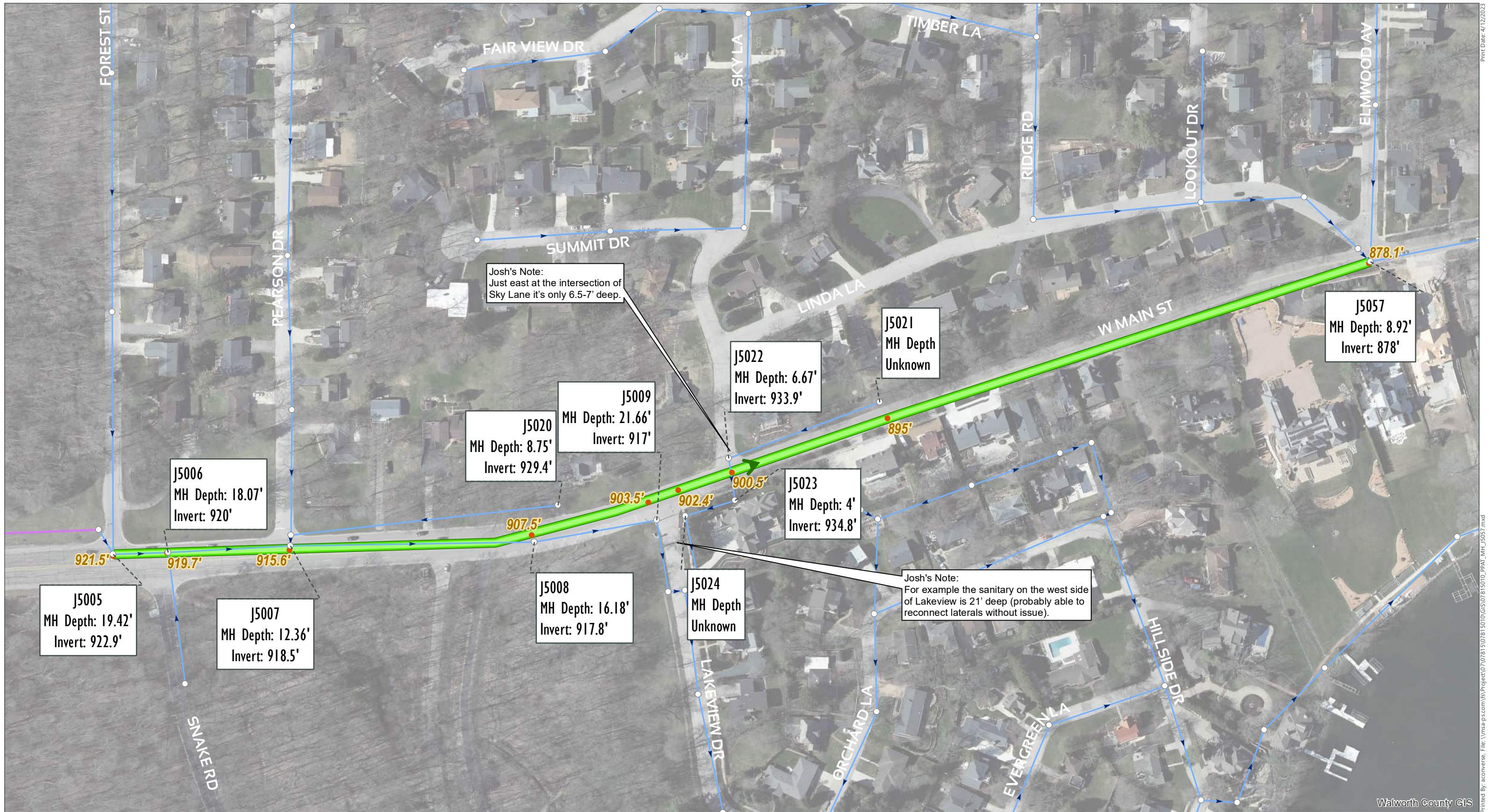


3. Evaluate the connection of the proposed new development at the Hillmoor site to manholes identified by the City on E Main Street or west of Target shopping center.

The attached maps show the proposed location of the potential development along with the existing identified manhole depths and invert elevations. Each manhole has been used to perform a PPAT analysis such that the proposed service area is based on a 0.4% lateral connection without any identified/preferred routing. It should be noted that the GIS data shows a significant drop between manholes J8043 and J8044 which could warrant some investigation to confirm data is correct.

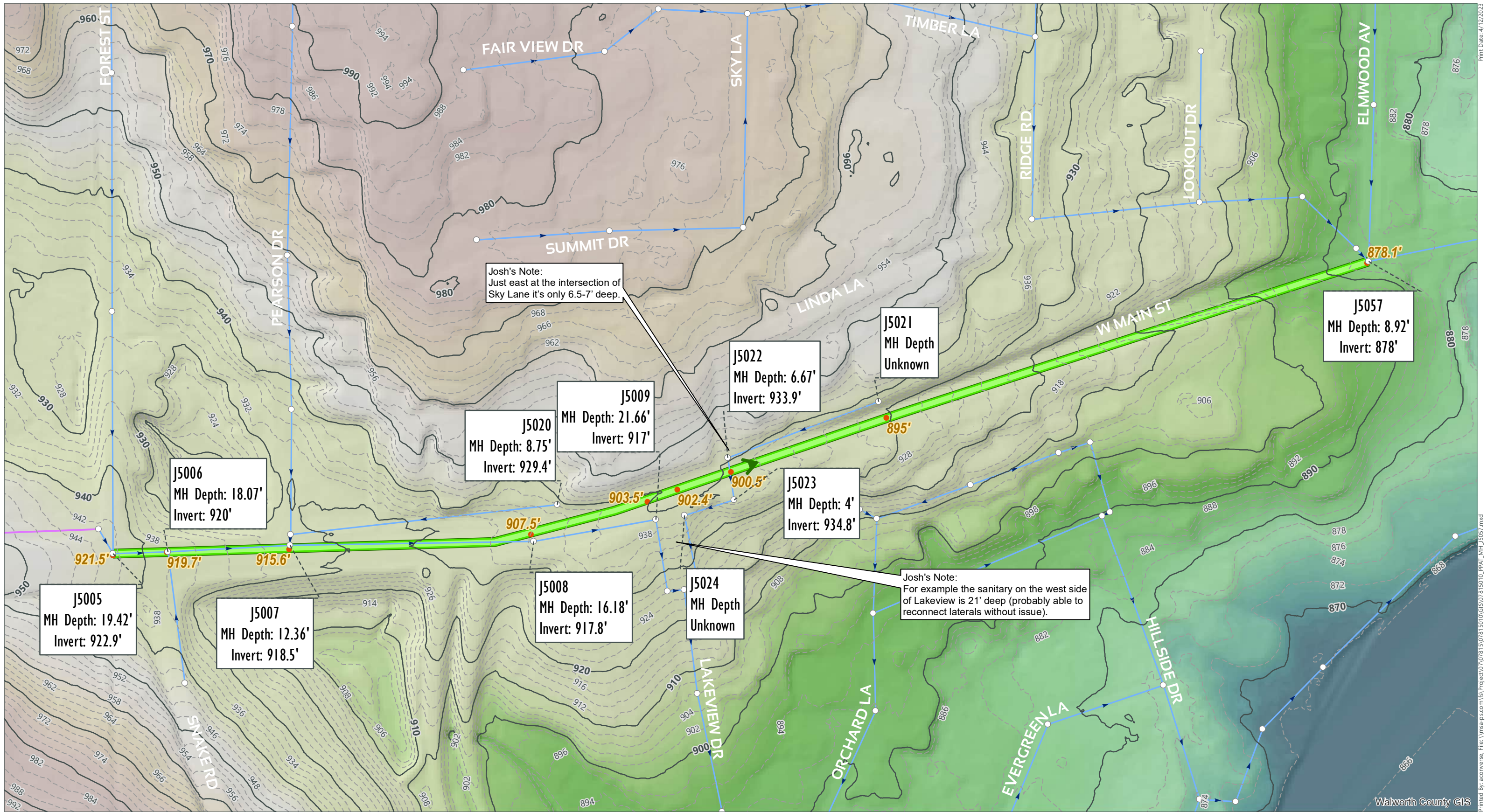
Based on the evaluation of each of the manholes, it appears the best service connection would be to the manhole I8003, west of the existing Target shopping center, on the northside of the Hillmor site.

An additional map has been provided to confirm the routing of laterals from the site would not be subject to any mapped wetlands or wetland indicators.



- Force Main
- Gravity Main
- Manhole
- Proposed Sanitary Main (2% Slope Main, 0.4% Laterals)
- Pipe Elevation near MH

MH J5057 New Gravity Main
W Main St/ HWY50
Lake Geneva
Walworth County, WI



- Force Main
- Gravity Main
- Manhole
- Proposed Sanitary Main (2% Slope Main, 0.4% Laterals)
- Pipe Elevation near MH



MH J5057 New Gravity Main

W Main St/ HWY50
Lake Geneva
Walworth County, WI



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Data Sources:



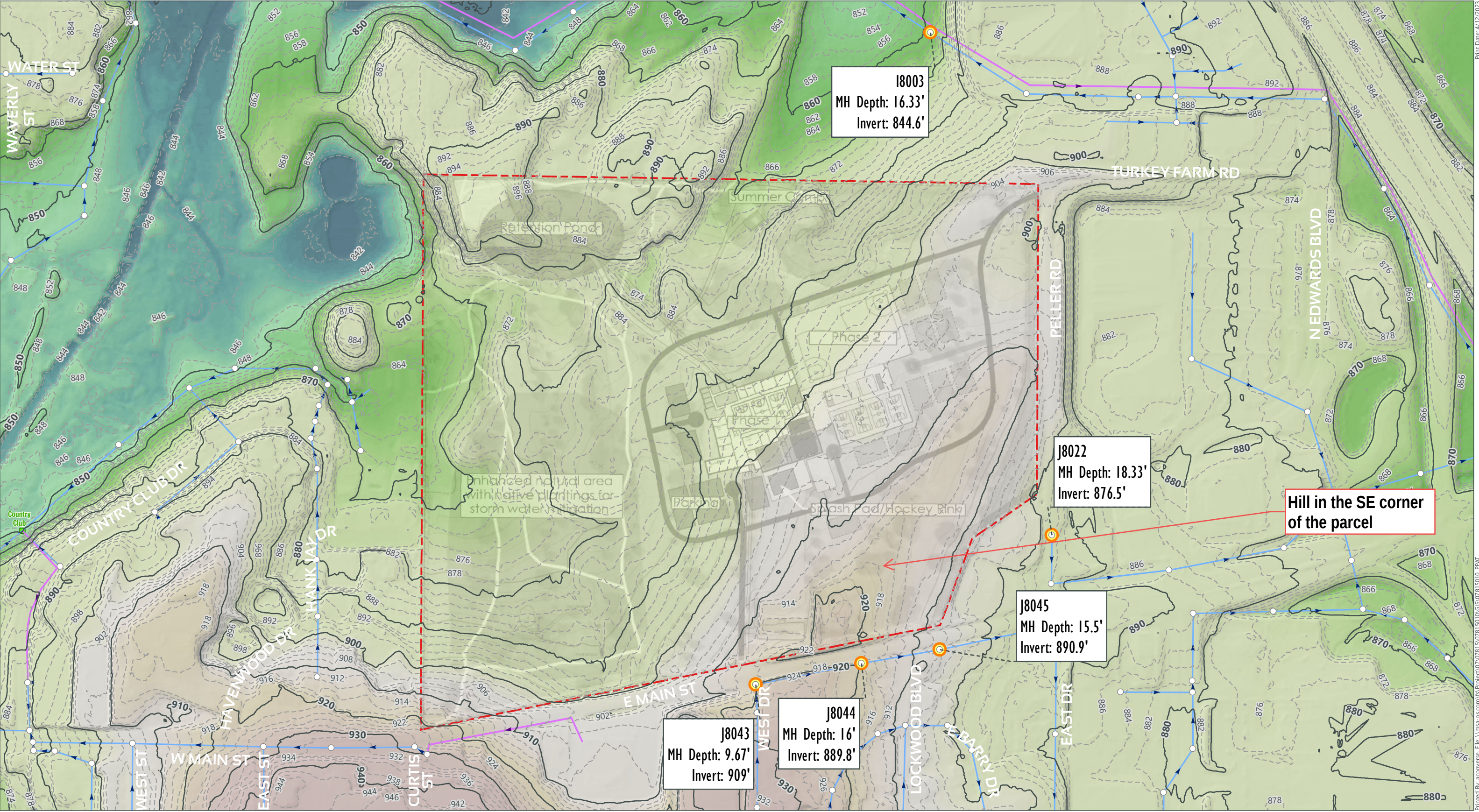
- Force Main
- Gravity Main
- Manhole
- Proposed Sanitary Main (2% Slope Main, 0.4% Laterals)

MH J5057 New Gravity Main

W Main St/ HWY50

Lake Geneva

Walworth County, WI



MSA

PPAT Assumptions:
Connection at existing MH invert
0.4% Slope

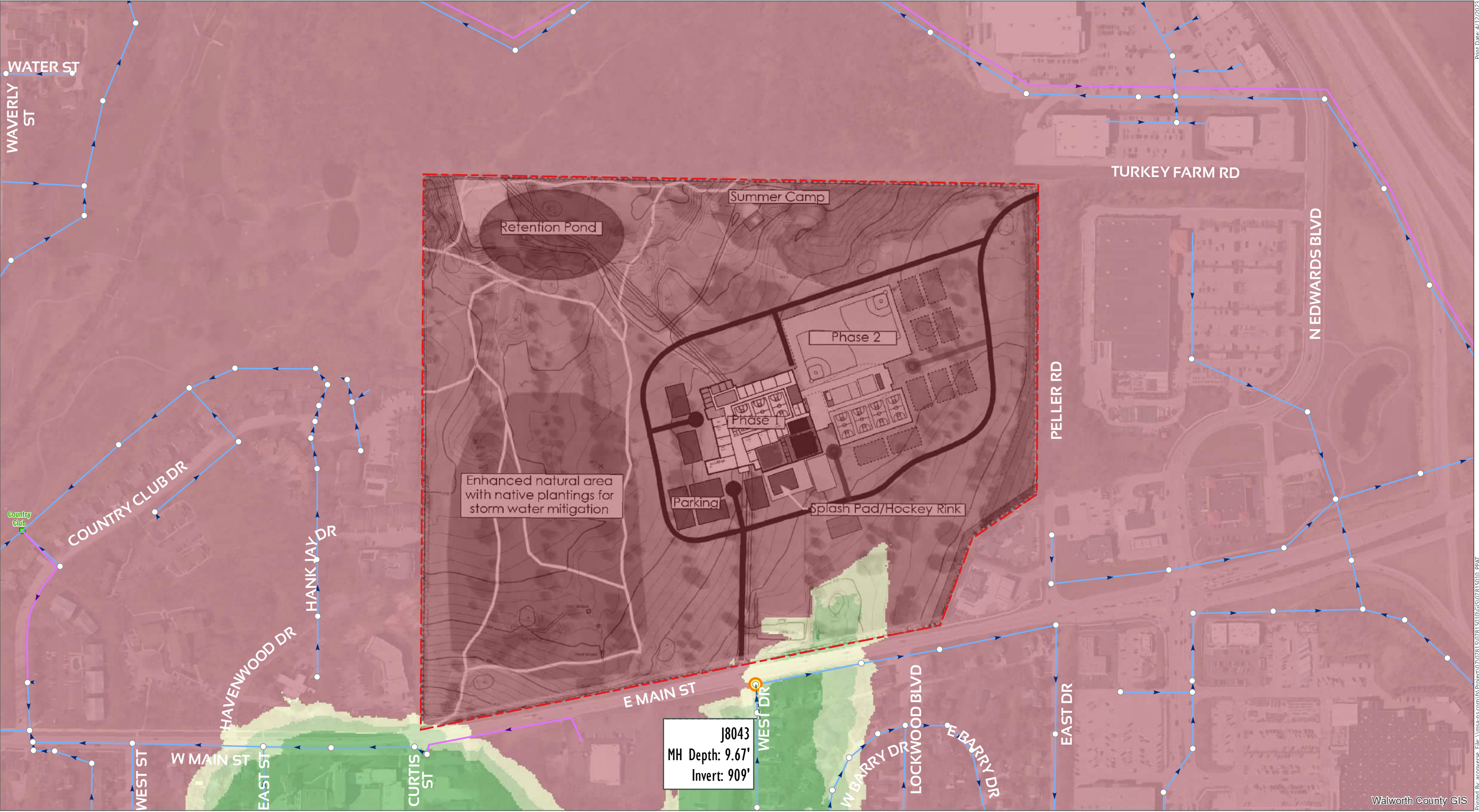
0 150 300 Feet

- Force Main
- Gravity Main
- Potential Sanitary Connection
- Manhole
- Parcel

Potential Hillmoor Development Elevation

W Main St/ HWY50
Lake Geneva
Walworth County, WI

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PPAT Assumptions:
Connection at existing MH invert
0.4% Slope



0150300 Feet

-  Force Main

 Gravity Main

 Potential Sanitary Connection

 Manhole

 Parcel
-  <5.5'

 5.5 - 10'

 10 - 15'

 >15'

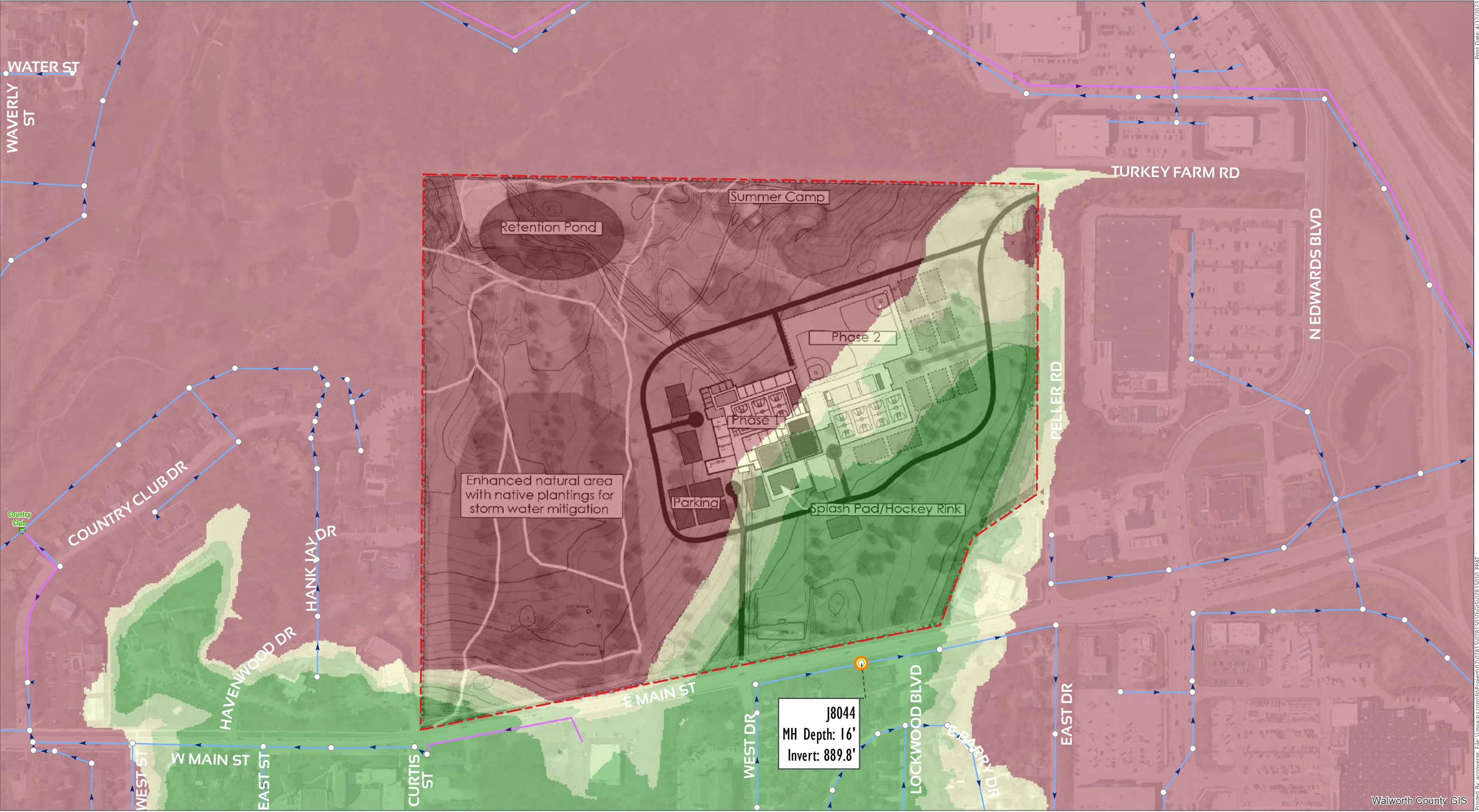
Service areas based on allowable pipe depth (ft)

MH J8043 Possible Service Area

W Main St/ HWY50

Lake Geneva

Walworth County, WI





PPAT Assumptions:
Connection at existing MH invert
0.4% Slope



0

150

300 Feet

-  Force Main

 Gravity Main

 Potential Sanitary Connection

 Manhole

 Parcel
- Service areas based on allowable pipe depth (ft)

 <5.5'

 5.5 - 10'

 10 - 15'

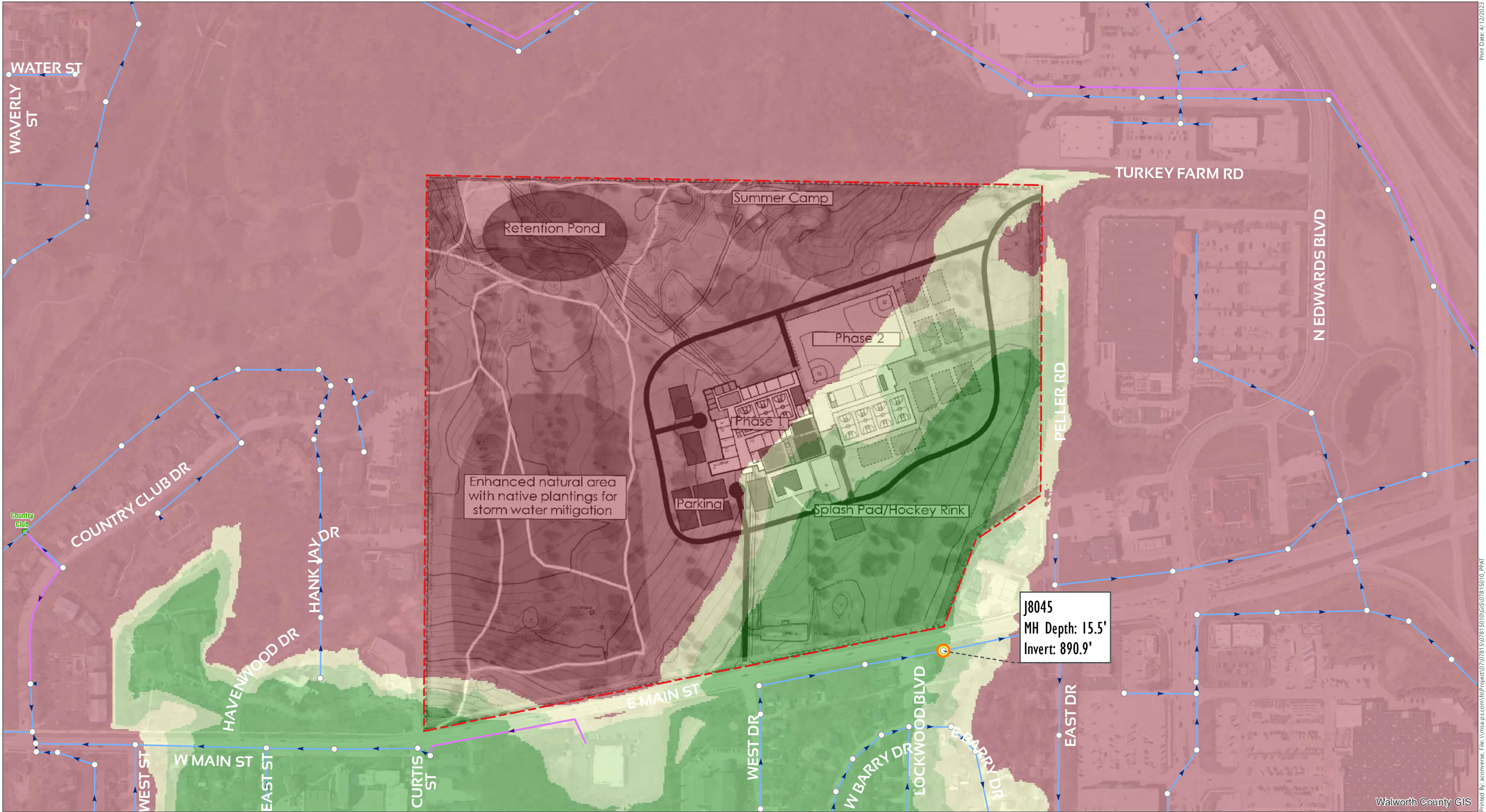
 >15'

MH J8044 Possible Service Area

W Main St/ HWY50

Lake Geneva

Walworth County, WI



PPAT Assumptions:
Connection at existing MH invert
0.4% Slope

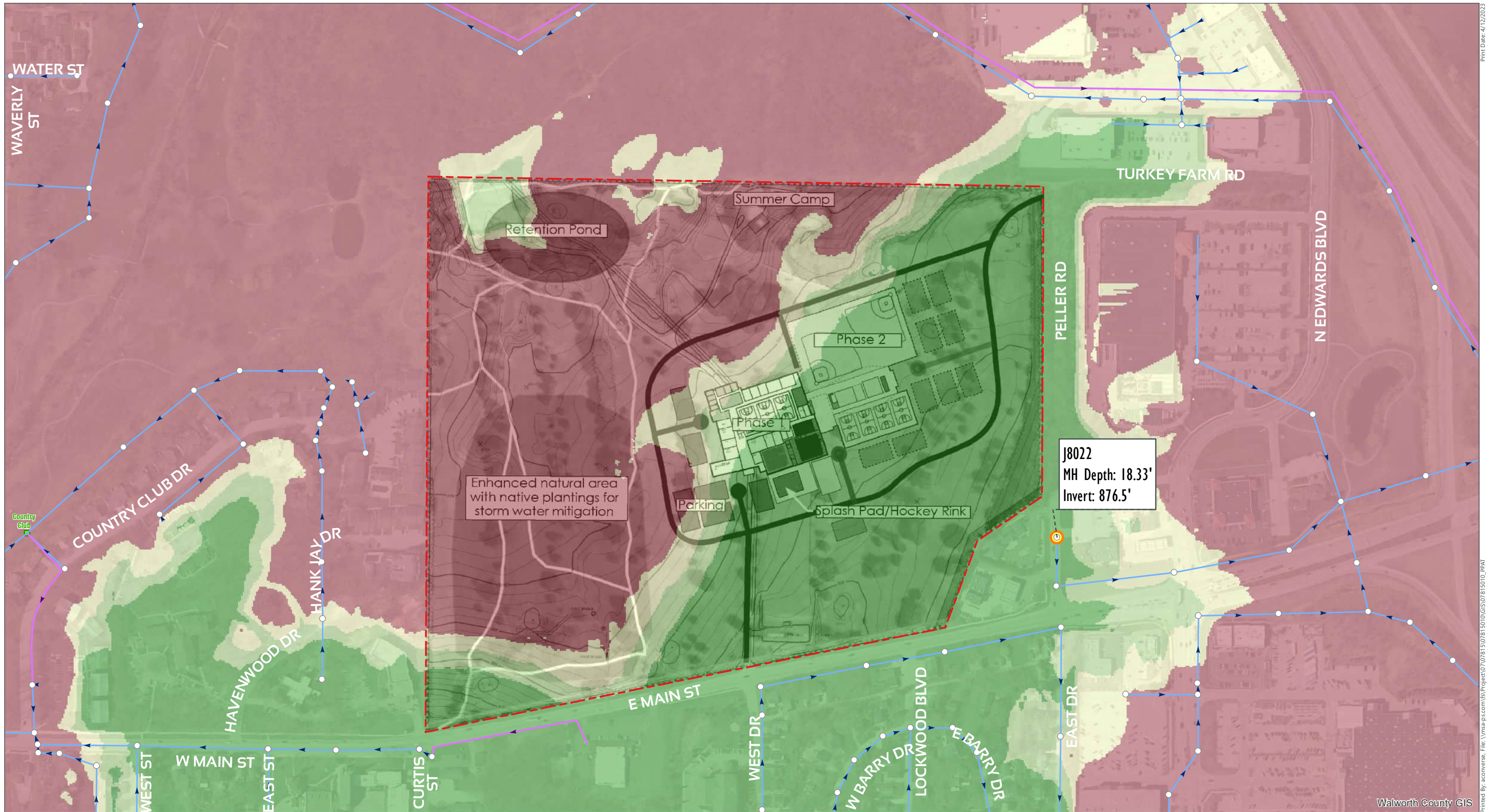


- Force Main
- Gravity Main
- Potential Sanitary Connection
- Manhole
- Parcel

Service areas based on allowable pipe depth (ft)

- <5.5'
- 5.5 - 10'
- 10 - 15'
- >15'

MH J8045 Possible Service Area
W Main St/ HWY50
Lake Geneva
Walworth County, WI



PPAT Assumptions:
Connection at existing MH invert
0.4% Slope



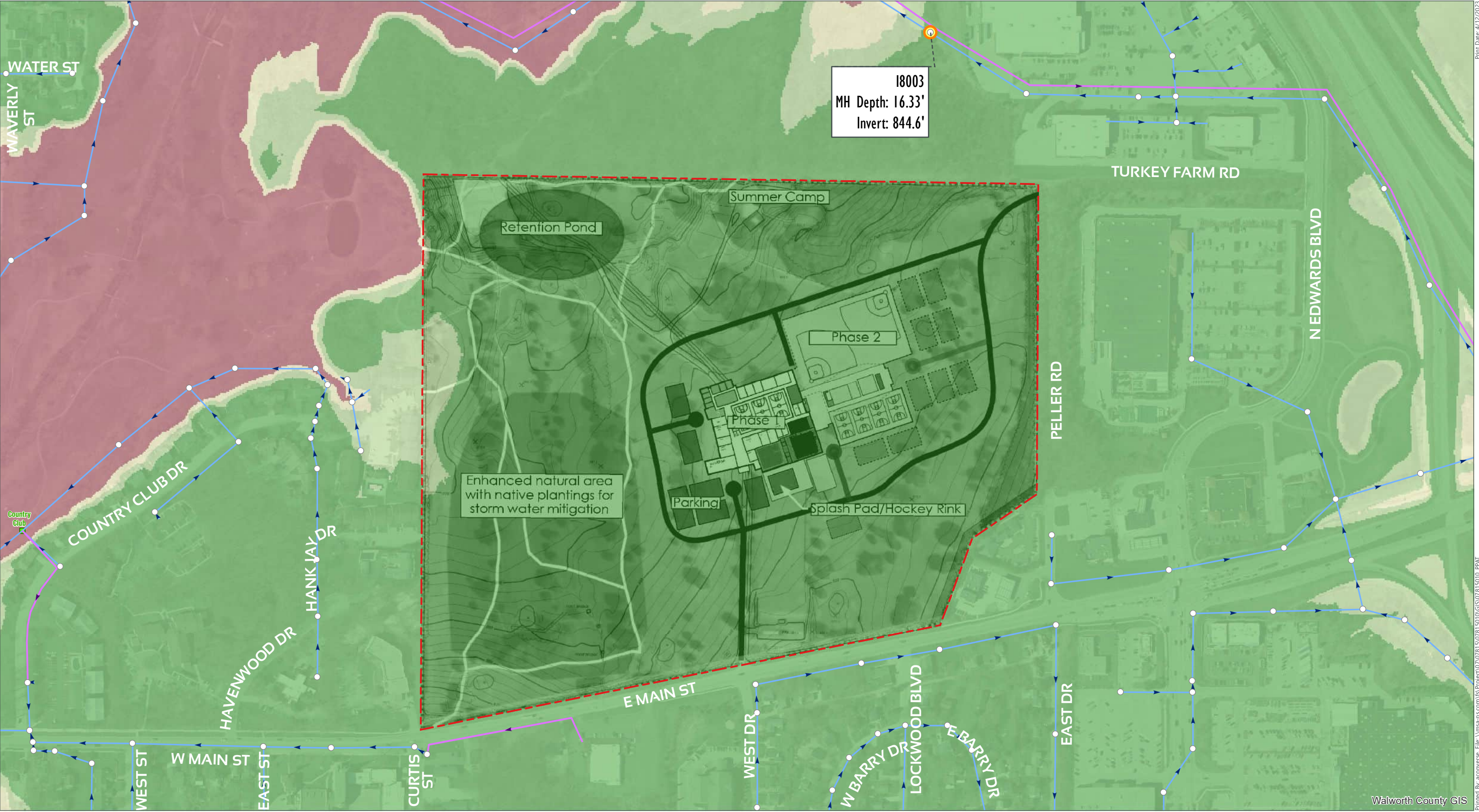
- Force Main
- Gravity Main
- Potential Sanitary Connection
- Manhole
- Parcel

Service areas based on allowable pipe depth (ft)

- <5.5'
- 5.5 - 10'
- 10 - 15'
- >15'

MH J8022 Possible Service Area

W Main St/ HWY50
Lake Geneva
Walworth County, WI





PPAT Assumptions:
Connection at existing MH invert
0.4% Slope



0150300

Feet

-  Force Main

 Gravity Main

 Potential Sanitary Connection

 Manhole

 Parcel
-  <5.5'

 5.5 - 10'

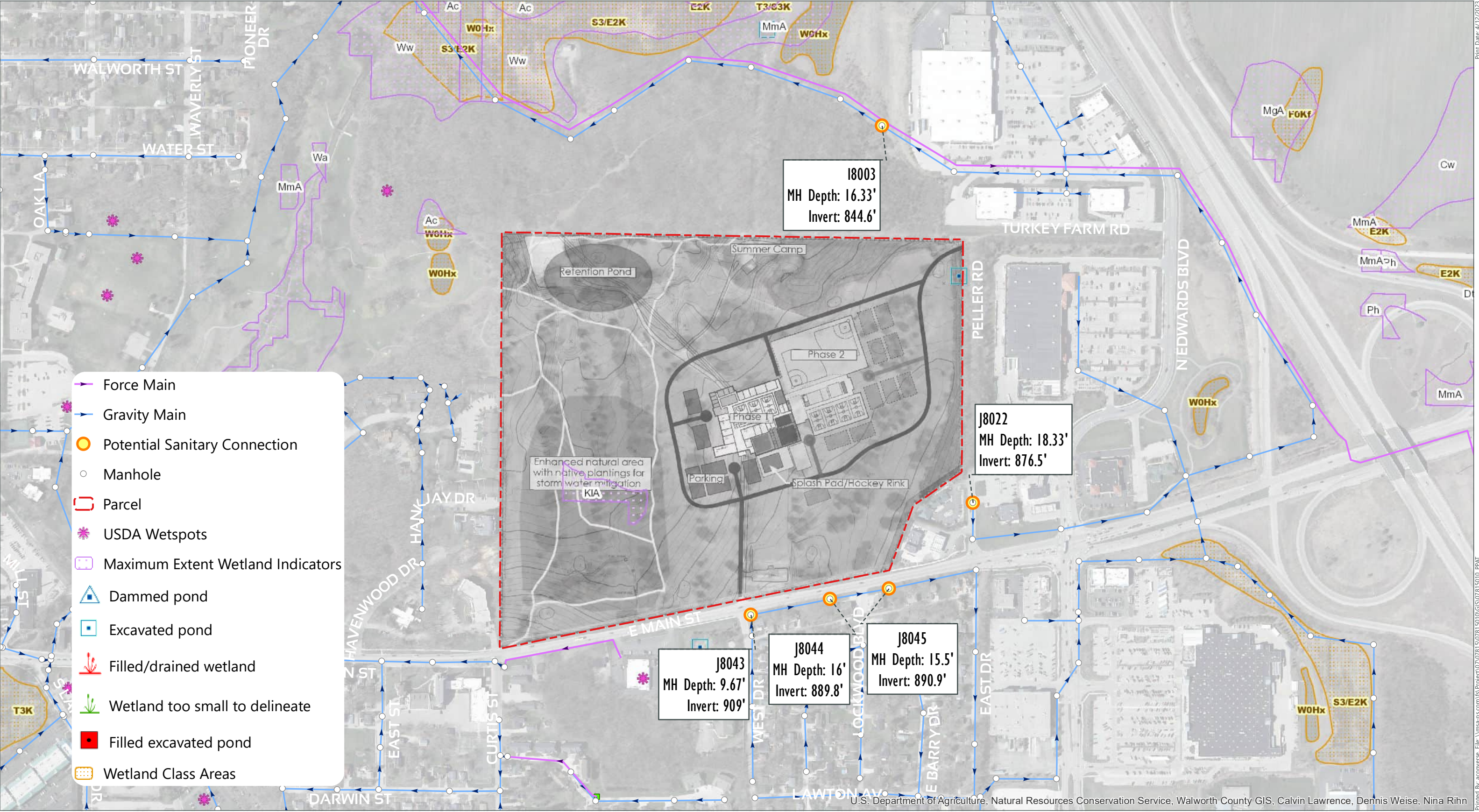
 10 - 15'

 >15'

Service areas based on allowable pipe depth (ft)

MH I3003 Possible Service Area

W Main St/ HWY50
Lake Geneva
Walworth County, WI

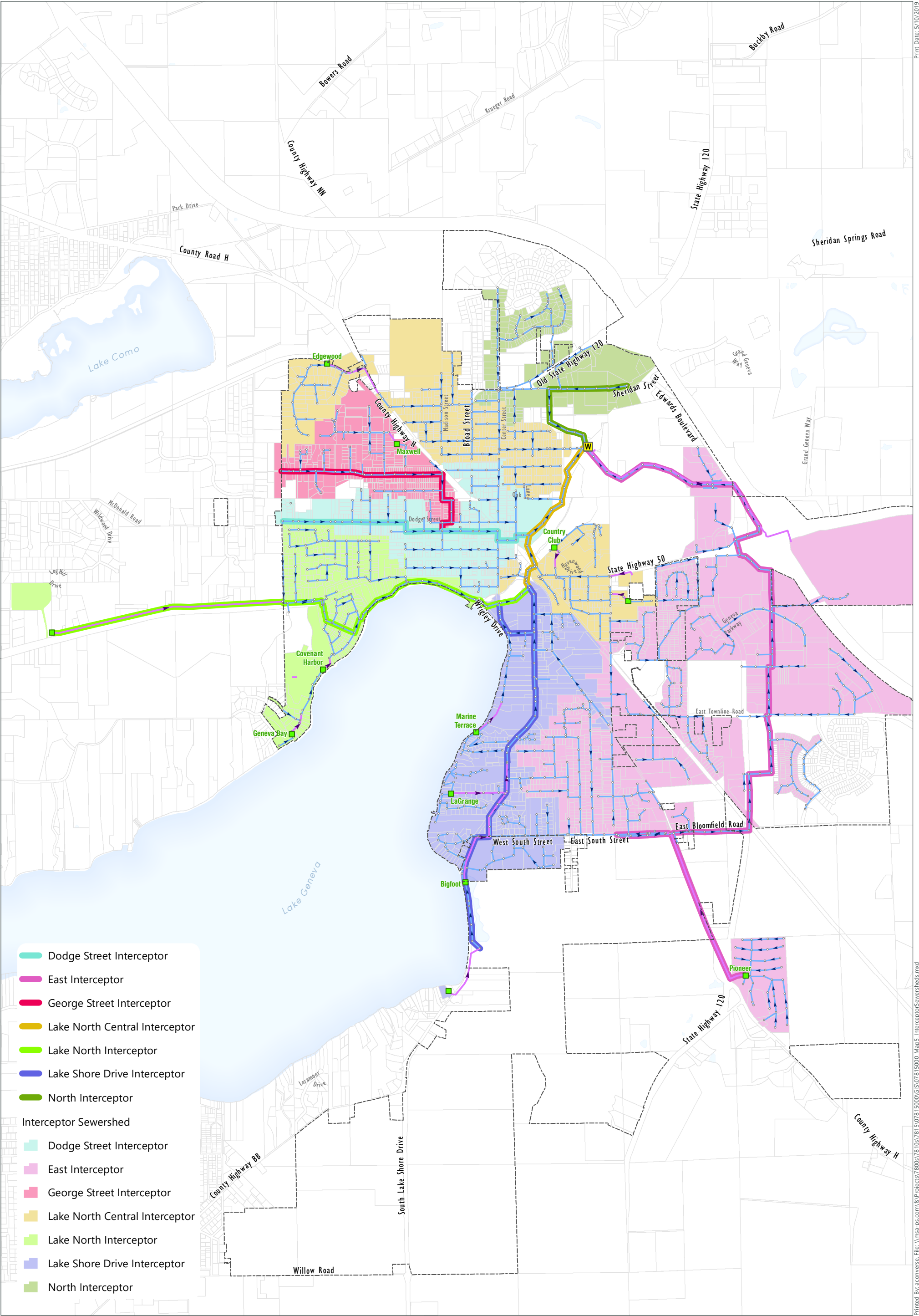


PPAT Assumptions:
Connection at existing MH invert
0.4% Slope

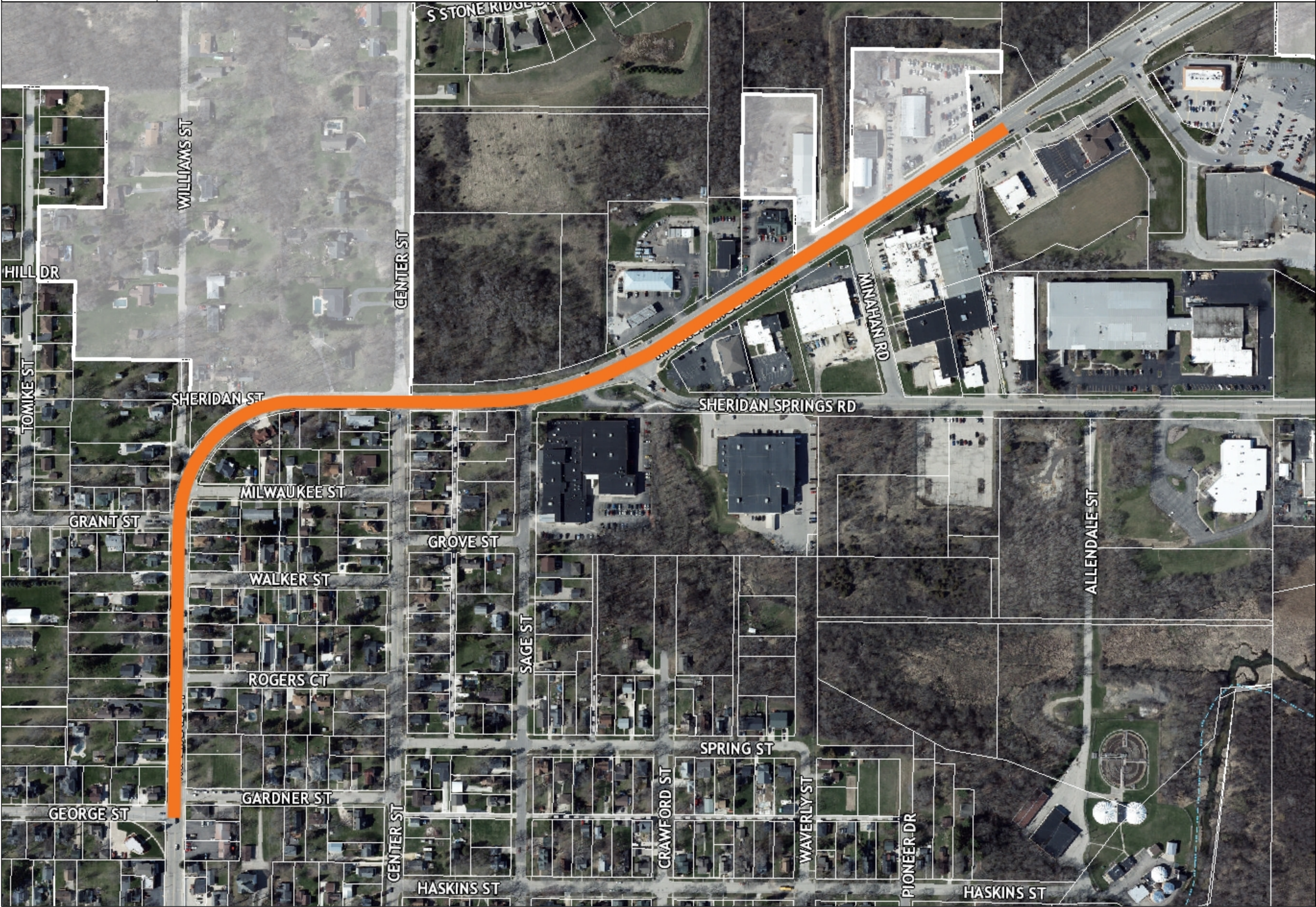


Mapped Wetlands and Wetland Indicators

Lake Geneva
Walworth County, WI



CTH H Repaving Limits



- Legend
- Street Names
 - Private Roads
 - County Municipalities
 - Tax Parcels (Air Photo)
 - General Parcels For Documents
 - Alley
 - Hydrology
 - ETZ
 - City Limits
 - Imagery_2022
 - Red: Band_1
 - Green: Band_2
 - Blue: Band_3

Data on this map may or may not be accurate, current, or otherwise reliable. For reference only.

Note



- Legend
- Street Names
 - Private Roads
 - County Municipalities
 - Tax Parcels (Air Photo)
 - General Parcels For Documents
 - Alley
 - Hydrology
 - ETZ
 - City Limits
 - Imagery_2022
 - Red: Band_1
 - Green: Band_2
 - Blue: Band_3

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Note