



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 MAY 20, 2024 4:00 PM COUNCIL CHAMBERS - CITY HALL, 626 GENEVA STREET

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 <https://cityoflakegeneva.gov/319/City-Meetings-Video-Stream>
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 April 15, 2024 as prepared and distributed
5. Acknowledgement of Correspondence
6. Approval of April 2024 Financials
7. Approval of April 2024 Bills
8. Directors Report
9. Discussion/Action on the release of 2.5% retainage held for utility work completed on the Pine Tree Lane and Mariane Terrace Improvement Project
10. Discussion/Action on proceeding to the bidding phase of the Big Foot Lift Station Force Main Replacement Project
11. Discussion/Action on the scope of services for the design and bidding of utility improvements along STH 50
12. Discussion/Action on the award of crack filling and chip sealing work for the seepage cell access roads
13. Discussion on the 2023 Consumer Confidence Report
14. 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 specifically regarding the requested amendments to the Host Tower lease with AT&T
15. Motion to return to open session pursuant to Wisconsin Statutes 19.85 (2) and take action on any items discussed in closed session
16. Adjourn

Lake Geneva Utility Commission Minutes
Lake Geneva Utility Commission Meeting
Monday April 15, 2024 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 4:02pm

Roll Call – Lyon, Klein, Howell, Frame, Stanczak & Binn Excused: Nord

Staff in Attendance – Gajewski & 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.

Ald. Mary Jo Fesenmaier spoke regarding item 11 on the agenda to request an update on the paving of the Mariane Terrace lift station driveway.

Approve Utility Commission Minutes from March 18, 2024, as prepared and distributed.

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

Acknowledgement of Correspondence

None

Approval of March 2024 Financials

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

Approval of March 2024 Bills

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

Director's Report

Gajewski gave an overview of the submitted Director's report and included an update on the EPA's final ruling regarding enforceable PFAS limits and how that relates to our Utility. Our test results are below the enforceable threshold at this time. Further testing will take place this year.

Klein/Binn motion to approve the Director's Report. Passed 6-0.

Discussion / Action on a quote to perform supplemental geotechnical exploration and analysis for the Big Foot Lift Station Force Main Replacement Project

Gajewski said that since last month's meeting the geotechnical information has been collected and preliminary findings show boulders and cobbles that may not be conducive to directional drilling. Bore pits have been recommended to further determine the geology in that area and see if directional drilling is still feasible.

Binn/Frame motion to approve proceeding with the bore pits as discussed. Passed 6-0.

Discussion/Action on the purchase of a replacement equipment crane

Gajewski gave an explanation as to why we need to replace the crane now. Discussion was had regarding how the new crane will be fitted to the truck. The money for this purchase will come from the Equipment Replacement Fund.

Howell/Stanczak motion to approve the replacement of the equipment crane. Passed 6-0.

Discussion/Action on the purchase of a replacement control panel for the Mariane Terrace Lift Station

With regard to public comment, Gajewski reported that he spoke with the president of the Homeowners Association (HOA) shortly before this meeting and was told that they have not yet decided which of their project wishes they are going to complete. The driveway to the lift station is owned by the HOA and the utility has a sanitary sewer easement. Document research was done as part of the Mariane Terrace/Pine Tree Lane project last year and there are no written agreements with the Association that state the utility, or the city will maintain the pavement. LW Allen has said there is a 16-week lead time for the control panel so the installation and start-up of this control panel would be in the fall. There are some remaining improvements that include relocating the generator connection point to the right of way at the entrance pillars where the HOA is considering installing a gate. The wet well manhole would also be replaced with a sealed manhole frame at the point of pavement replacement. The HOA are discussing how they would like stormwater to flow across their property. There is a safety concern of ice in the winter and access to the lift station. Gajewski has been and will continue to be in contact with the HOA as these improvements progress. The money for the control panel will come from the Equipment Replacement Fund. Discussion was had regarding a photo that had been sent to Ald. Frame of missing pavement. Frame showed the photo to Gajewski who explained that it was actually showing the driveway to the lift station which has a very steep grade. There is no missing pavement. The driveway used to have a large tree in the middle of it and that tree was removed over ten years ago.

Frame/Binn motion to grant the purchase of a replacement control panel for the Mariane Terrace Lift Station as quoted. Passed 6-0.

Lyon/Binn motion to go into closed session pursuant to Wis. Stat. 19.85(1)(c) considering employment promotion, compensation or performance evaluation data of any public employee over which the governmental body has jurisdiction or exercises responsibility, regarding the Water Operator II position.

The commission convened into closed session on a roll call vote at 4:37pm.

Howell/Frame 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 5:00pm.

Howell/Frame motion to direct the Utility Director to proceed as discussed in closed session.

Adjourn

Howell/Binn motion to adjourn at 5:02pm. Passed 6-0.

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

LAKE GENEVA UTILITY COMMISSION

BUDGET COMPARISON THRU:

4 / 2024

FUND 61 - WASTEWATER UTILITY

REVENUES	Current Period	YTD	2024 Budget	YTD vs Budget	YTD % of Budget 33%	Prior YTD 2023	Prior YTD 5 Year Avg.
INTEREST EARNED	33,812	96,814	229,600	-132,786	42.17%	59,477	15,499
CUSTOMER SALES	424,195	455,690	2,166,137	-1,710,447	21.04%	470,617	455,024
OTHER REVENUE	1,013	3,499	11,760	-8,261	29.76%	3,184	2,474
CAPITAL CONTRIBUTIONS	13,428	29,467	59,680	-30,213	49.38%	1,865	27,080
TOTAL REVENUES	472,449	585,470	2,467,177	-1,881,707	23.73%	535,143	500,077
EXPENSES							
TOTAL OUTSIDE SERVICES	19,420	49,870	430,343	-380,473	11.59%	55,021	53,132
TOTAL OPERATING EXPENSES	3,728	9,188	53,090	-43,902	17.31%	8,068	6,967
TOTAL INSURANCE	0	0	35,975	-35,975	0.00%	0	4,050
TOTAL SALARY & BENEFITS	53,602	164,666	653,911	-489,245	25.18%	164,925	140,589
TOTAL LAB SUPPLIES	141	12,010	22,800	-10,790	52.67%	9,769	8,198
TOTAL MISCELLANEOUS EXPENSE	0	0	1,000	-1,000	0.00%	92	102
TOTAL MAINTENANCE	30,766	42,951	366,700	-323,749	11.71%	41,874	15,249
TOTAL OPERATION & MAINTENANCE EXPENSES	107,657	278,685	1,563,819	-1,285,134	17.82%	279,749	228,286
REVENUES OVER O&M EXPENSES	364,792	306,786	903,358	-596,572		255,393	271,791
TOTAL CAPITAL OUTLAY	176	14,062	1,226,075	-1,212,013	1.15%	24,345	52,991
REVENUES OVER TOTAL EXPENSES	364,615	292,724	-322,717	615,441		231,048	218,800
TOTAL CASH TRANSFERS	33,214	514,399	328,120	186,279	156.77%	66,765	143,161
NET CHANGE IN CASH BALANCE	331,401	-221,676	-650,837	429,161		164,283	75,639

FUND CASH AND INVESTMENT SUMMARY	Opening Balance	Period Activity	Ending Balance
Wastewater Utility Fund Cash	266,605	-340,116	-73,511
LGIP #10 - Capital Project Fund	3,672,421	16,783	3,689,204
LGIP #11 - Debt Service Fund	0	0	0
LGIP #12 - Impact Fee Fund	1,846,421	8,410	1,854,832
LGIP #13 - Equipment Replacement Fund	1,704,395	7,789	1,712,184
LGIP #14 - Wastewater Operating Reserves Fund	282,517	1,245	283,761
TOTAL WASTEWATER CASH AND INVESTMENT	7,772,359	-305,889	7,466,470

LAKE GENEVA UTILITY COMMISSION

BUDGET COMPARISON THRU:

4 / 2024

FUND 62 - WATER UTILITY

REVENUES	Current Period	YTD	2024 Budget	YTD vs Budget	YTD % of Budget 33%	Prior YTD 2023	Prior YTD 5 Year Avg.
INTEREST EARNED	20,741	78,733	134,300	-55,567	58.62%	46,744	11,973
CUSTOMER SALES	1,843	407,890	1,882,606	-1,474,716	21.67%	425,747	420,675
OTHER REVENUE	39,531	185,864	316,710	-130,846	58.69%	139,722	159,852
CAPITAL CONTRIBUTIONS	11,820	33,770	42,200	-8,430	80.02%	17,914	37,653
TOTAL REVENUES	73,935	706,258	2,375,816	-1,669,558	29.73%	630,126	630,153
EXPENSES							
TOTAL SOURCE OF SUPPLY - OPERATION	4,117	17,581	76,000	-58,419	23.13%	19,562	17,241
TOTAL SOURCE OF SUPPLY - MAINTENANCE	297	37,155	16,300	20,855	227.95%	5,264	3,521
TOTAL PUMPING EXPENSE - OPERATION	6,346	20,025	86,700	-66,675	23.10%	21,083	18,996
TOTAL PUMPING EXPENSE - MAINTENANCE	506	23,449	101,950	-78,501	23.00%	3,340	10,134
TOTAL WATER TREATMENT - OPERATION	3,215	24,765	121,550	-96,785	20.37%	29,002	28,446
TOTAL WATER TREATMENT - MAINTENANCE	4,205	19,817	81,150	-61,333	24.42%	29,009	29,693
TOTAL TRANS. & DISTRIBUTION - OPERATION	5,079	21,266	57,350	-36,084	37.08%	19,882	15,169
TOTAL TRANS. & DISTRIBUTION - MAINTENANCE	15,524	62,604	215,400	-152,796	29.06%	58,787	57,074
TOTAL CUSTOMER ACCOUNTS	5,243	23,273	79,080	-55,807	29.43%	26,500	21,954
TOTAL ADMIN & GENERAL OPERATIONS	40,505	163,737	506,421	-342,684	32.33%	166,244	131,604
TOTAL OTHER EXPENSES	23,500	94,000	273,000	-179,000	34.43%	100,000	101,600
TOTAL OPERATION & MAINTENANCE EXPENSES	108,536	507,673	1,614,901	-1,107,228	31.44%	478,673	435,433
REVENUES OVER O&M EXPENSES	-34,602	198,585	760,915	-562,330		151,453	194,720
TOTAL CAPITAL OUTLAY	4,411	40,839	807,975	-767,136	5.05%	195,245	71,699
REVENUES OVER TOTAL EXPENSES	-39,013	157,746	-47,060	204,806		-43,792	123,020
TOTAL CASH TRANSFERS	20,741	872,404	-67,500	939,904	-1292.45%	316,285	152,811
NET CHANGE IN CASH BALANCE	-59,753	-714,658	20,440	-735,098		-360,076	-29,790
FUND CASH AND INVESTMENT SUMMARY	Opening Balance	Period Activity	Ending Balance				
Water Utility Fund Cash	-247,011	331,249	84,238				
LGIP #1 - Capital Project Fund	2,388,864	10,525	2,399,389				
LGIP #2 - Impact Fee Fund	1,102,269	4,856	1,107,126				
LGIP #3 - Equipment Replacement Fund	837,039	3,688	840,727				
LGIP #4 - Water Operating Reserves Fund	379,411	1,672	381,083				
TOTAL WATER FUND CASH AND INVESTMENT	4,460,573	351,989	4,812,563				

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				
GILES ENGINEERING ASSOCIATES INC				
1G2403010-00	04/18/2024	BIG FOOT LS FORCEMAIN-GEO	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	8,295.00
Total GILES ENGINEERING ASSOCIATES INC:				8,295.00
MSA PROFESSIONAL SERVICES INC				
003822	04/16/2024	BFLS FORCEMAIN DESIGN-SV	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	28,368.64
004298	05/06/2024	BFLS FORCEMAIN & GGR SVC I	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	2,122.62
Total MSA PROFESSIONAL SERVICES INC:				30,491.26
MULCAHY/SHAW WATER INC				
325904	04/30/2024	VFD REPLACEMENT HEADWOR	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	9,718.64
Total MULCAHY/SHAW WATER INC:				9,718.64
LAUTERBACH & AMEN LLP				
89851	04/18/2024	PROGRESS BILLING AUDIT	61-00-00-52120 ACCTG CONSULTANT REES/AUDITING	2,442.00
Total LAUTERBACH & AMEN LLP:				2,442.00
ALLIANT ENERGY/WPL				
280954000024	05/01/2024	HASKINS ST SEWER PLANT	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	15,024.25
Total ALLIANT ENERGY/WPL:				15,024.25
WALTER AND SON WASTE HAULING LLC				
9967	05/01/2024	SPRINGFIELD APPL OF BIO SO	61-00-00-52950 BIO-MASS HAUL/REMOVE (SLUDGE)	17,272.50
Total WALTER AND SON WASTE HAULING LLC:				17,272.50
SABEL MECHANICAL LLC				
240233	04/11/2024	BIGFOOT LS MAINT FROM FOR	61-00-00-93800 MAINT-LIFT STATIONS	7,195.02
Total SABEL MECHANICAL LLC:				7,195.02
Total 61:				90,438.67
62				
S.J. ELECTRO SYSTEMS LLC (SJE)				
CD99524010	05/02/2024	VFD REPLACEMENT-BOOSTER	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	12,961.00
Total S.J. ELECTRO SYSTEMS LLC (SJE):				12,961.00
CORE & MAIN LP				
U489603	03/28/2024	VALVE BOXES, FITTINGS, CB R	62-00-00-15000 MATERIAL-SUPPLIES	8,986.00
U597555	03/26/2024	510M RADIOS FXUS	62-00-00-34600 METERS	5,968.70
Total CORE & MAIN LP:				14,954.70

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
MARTELLE WATER TREATMENT				
26930	04/17/2024	SODIUM HYPOCHLORITE	62-00-00-60200 CHEMICALS	1,320.68
26930	04/17/2024	HYDROFLUOSILICIC ACID, CHL	62-00-00-64100 CHEMICALS	5,727.36
Total MARTELLE WATER TREATMENT:				7,048.04
CORE & MAIN LP				
U489603	03/28/2024	VB LID LIFTERS	62-00-00-67300 MAINT OF MAINS & VALVES	170.00
Total CORE & MAIN LP:				170.00
M.E. SIMPSON COMPANY INC				
42315	04/30/2024	2024 WATER SYSTEM LEAK SU	62-00-00-67300 MAINT OF MAINS & VALVES	18,800.00
42315	04/30/2024	2024 WATER SYSTEM LEAK SU	62-00-00-67500 MAINT SERVICES & CURB BOX	18,800.00
Total M.E. SIMPSON COMPANY INC:				37,600.00
LAUTERBACH & AMEN LLP				
89851	04/18/2024	PROGRESS BILLING AUDIT	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	2,442.00
Total LAUTERBACH & AMEN LLP:				2,442.00
MSA PROFESSIONAL SERVICES INC				
004298	05/06/2024	BFLS FORCEMAIN & GGR SVC I	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	3,401.28
Total MSA PROFESSIONAL SERVICES INC:				3,401.28
Total 62:				78,577.02
Grand Totals:				169,015.69

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 \$5000.00 included.
Paid and unpaid invoices included.
Invoice Detail.GL account (2 Characters) = "61","62"

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				
GILES ENGINEERING ASSOCIATES INC				
1G2403010-00	04/18/2024	BIG FOOT LS FORCEMAIN-GEO	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	8,295.00
1G2403010-00	04/30/2024	BIG FOOT LS FORCEMAIN-GEO	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	2,057.50
Total GILES ENGINEERING ASSOCIATES INC:				10,352.50
MSA PROFESSIONAL SERVICES INC				
003822	04/16/2024	BFLS FORCEMAIN DESIGN-SV	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	28,368.64
004298	05/06/2024	BFLS FORCEMAIN & GGR SVC I	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	2,122.62
Total MSA PROFESSIONAL SERVICES INC:				30,491.26
MULCAHY/SHAW WATER INC				
325904	04/30/2024	VFD REPLACEMENT HEADWOR	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	9,718.64
Total MULCAHY/SHAW WATER INC:				9,718.64
LANDMARK SERVICES COOPERATIVE				
38847	04/04/2024	SOIL TESTING - ADAMS 1 FIELD	61-00-00-52100 LABORATORY SERVICES	160.00
Total LANDMARK SERVICES COOPERATIVE:				160.00
NORTHERN LAKE SERVICE INC				
2405542	04/11/2024	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	309.38
2405894	04/18/2024	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	309.38
2406365	04/26/2024	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	331.82
2406712	05/01/2024	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	309.38
2407198	05/09/2024	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	284.38
Total NORTHERN LAKE SERVICE INC:				1,544.34
LAUTERBACH & AMEN LLP				
89851	04/18/2024	PROGRESS BILLING AUDIT	61-00-00-52120 ACCTG CONSULTANT REES/AUDITING	2,442.00
Total LAUTERBACH & AMEN LLP:				2,442.00
WE ENERGIES				
4984234233	04/10/2024	HASKINS ST WEST BLDG-STOR	61-00-00-52500 UTILITY-GAS-PLANT	241.64
4985099273	04/10/2024	HASKINS ST WWTF-SEWER PL	61-00-00-52500 UTILITY-GAS-PLANT	233.44
4985533322	04/10/2024	HASKINS ST DEWATERING BLD	61-00-00-52500 UTILITY-GAS-PLANT	149.70
5021371795	05/09/2024	HASKINS ST WEST BLDG-STOR	61-00-00-52500 UTILITY-GAS-PLANT	76.51
5021735874	05/09/2024	HASKINS ST WWTF-SEWER PL	61-00-00-52500 UTILITY-GAS-PLANT	62.34
5023840547	05/10/2024	HASKINS ST DEWATERING BLD	61-00-00-52500 UTILITY-GAS-PLANT	14.14
4983770716	04/09/2024	EDGEWOOD DR LIFT STN	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	13.10
4988968611	04/12/2024	LAGRANGE DR LIFT STN	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	18.83
4990448925	04/15/2024	BIG FOOT LIFT STATION	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	14.07
5021111801	05/09/2024	EDGEWOOD DR LIFT STN	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	12.64
Total WE ENERGIES:				836.41

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
ALLIANT ENERGY/WPL				
143875000024	05/01/2024	191 HASKINS ST DEWATER BLD	61-00-00-52520 UTILTITY-ELECTRICITY-PLANT	257.41
280954000024	05/01/2024	HASKINS ST SEWER PLANT	61-00-00-52520 UTILTITY-ELECTRICITY-PLANT	15,024.25
507753000024	05/01/2024	361 W MAIN ST SIGN	61-00-00-52520 UTILTITY-ELECTRICITY-PLANT	18.66
974671000024	05/01/2024	361 MAIN ST HALLWAY	61-00-00-52520 UTILTITY-ELECTRICITY-PLANT	91.16
055361000024	05/01/2024	361 MAIN ST CC LIFT	61-00-00-52525 UTILTITY-ELECTRICITY-COLL SYS	77.51
141180000024	05/01/2024	LAGRANGE DR LIFT STN	61-00-00-52525 UTILTITY-ELECTRICITY-COLL SYS	310.77
277971000024	05/01/2024	MARIANE TER LIFT STN	61-00-00-52525 UTILTITY-ELECTRICITY-COLL SYS	36.59
307955000024	05/01/2024	MAXWELL ST LIFT STN	61-00-00-52525 UTILTITY-ELECTRICITY-COLL SYS	50.74
327113000024	05/01/2024	BAYVIEW DR LIFT STN	61-00-00-52525 UTILTITY-ELECTRICITY-COLL SYS	45.29
599411000024	05/01/2024	361 STATE ROAD 120 BIG FOOT	61-00-00-52525 UTILTITY-ELECTRICITY-COLL SYS	345.25
962961000024	05/01/2024	EDGEWOOD DR LIFT STN	61-00-00-52525 UTILTITY-ELECTRICITY-COLL SYS	259.49
Total ALLIANT ENERGY/WPL:				16,517.12
DUNN LUMBER				
1696237	04/22/2024	PAINT-BIO SOLIDS FIELD SPRE	61-00-00-52950 BIO-MASS HAUL/REMOVE (SLUDGE)	31.97
Total DUNN LUMBER:				31.97
WALTER AND SON WASTE HAULING LLC				
9967	05/01/2024	SPRINGFIELD APPL OF BIO SO	61-00-00-52950 BIO-MASS HAUL/REMOVE (SLUDGE)	17,272.50
Total WALTER AND SON WASTE HAULING LLC:				17,272.50
VELOCITY				
#2024074	05/13/2024	AV, OFFICE & AZURE LICENSIN	61-00-00-53050 COMPUTER EXPENSE	157.25
#2024075	05/13/2024	AV, OFFICE & AZURE LICENSIN	61-00-00-53050 COMPUTER EXPENSE	157.25
#2024076	05/13/2024	IT SUPPORT SVCS-3/18/2024	61-00-00-53050 COMPUTER EXPENSE	95.00
Total VELOCITY:				409.50
WI DEPT OF ADMINISTRATION				
505-000008981	04/10/2024	IRONPORT ACCT FEE 03/2024	61-00-00-53050 COMPUTER EXPENSE	3.05
Total WI DEPT OF ADMINISTRATION:				3.05
CHARTER COMMUNICATIONS				
152473801042	04/21/2024	INTERNET SVC APR 2024	61-00-00-53100 OFFICE SUPPLIES EXPENSE	119.98
Total CHARTER COMMUNICATIONS:				119.98
MARTIN BUSINESS GROUP				
1306949	04/20/2024	SERVICE CONTRACT/COPIES	61-00-00-53100 OFFICE SUPPLIES EXPENSE	126.05
Total MARTIN BUSINESS GROUP:				126.05
ODP BUSINESS SOLUTIONS LLC				
360238039001	05/08/2024	BANKERS BOXES	61-00-00-53100 OFFICE SUPPLIES EXPENSE	49.11
Total ODP BUSINESS SOLUTIONS LLC:				49.11
AT&T				
262248865604	04/13/2024	APR 2024 MONTHLY PHONE BIL	61-00-00-53110 TELEPHONE EXPENSE	115.76
Total AT&T:				115.76

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
FNBO				
554328641152	04/24/2024	VONAGE PHONE SVC 4/23/2024	61-00-00-53110 TELEPHONE EXPENSE	132.47
Total FNBO:				132.47
US CELLULAR				
0645792230	04/04/2024	WWTF MONTHLY PHONE BILL	61-00-00-53110 TELEPHONE EXPENSE	120.78
Total US CELLULAR:				120.78
PITNEY BOWES BANK INC RESERVE ACCOUNT				
PB041524	04/15/2024	RESERVE ACCT 19274125-REP	61-00-00-53120 POSTAGE	750.00
Total PITNEY BOWES BANK INC RESERVE ACCOUNT:				750.00
BUSCH, JOANNE				
BUSCH051524	05/15/2024	REIMB 5/8 LOCAL GOVT LEADE	61-00-00-53300 TRAVEL & MILEAGE EXPENSE	120.60
Total BUSCH, JOANNE:				120.60
KOEHN, MATTHEW				
KOEHN050624	05/06/2024	REIMB 5/2/2024 WWOA SE REGI	61-00-00-53300 TRAVEL & MILEAGE EXPENSE	11.39
Total KOEHN, MATTHEW:				11.39
BUSCH, JOANNE				
BUSCH051524	05/15/2024	REIMB 5/8 LOCAL GOVT LEADE	61-00-00-53310 MEALS, LODGING, ETC	54.91
Total BUSCH, JOANNE:				54.91
KOEHN, MATTHEW				
KOEHN050624	05/06/2024	REIMB 5/2/2024 WWOA SE REGI	61-00-00-53320 CONFERENCES & SCHOOL	77.63
Total KOEHN, MATTHEW:				77.63
DEL'S SERVICE				
DELAPR2024	05/01/2024	GASOLINE	61-00-00-53520 OPERATIONS-VEHICLES	240.60
Total DEL'S SERVICE:				240.60
AMAZON CAPITAL SERVICES				
89C4-MAR 202	04/01/2024	DISPOSABLE GLOVES	61-00-00-53900 FIRST AID & SAFETY SUPPLIES	127.48
Total AMAZON CAPITAL SERVICES:				127.48
WI DEPT OF NATURAL RESOURCES				
265003750-20	05/03/2024	2024 WDNR ENVIRONMENTAL	61-00-00-54100 LAB CERTIFICATION EXPENSE	2,467.56
Total WI DEPT OF NATURAL RESOURCES:				2,467.56
MSA PROFESSIONAL SERVICES INC				
004297	05/06/2024	STAFF CORRESP RE: S BFLS C	61-00-00-92300 OUTSIDE SERVICES EMPLOYED	72.80
Total MSA PROFESSIONAL SERVICES INC:				72.80
SECURIAN FINANCIAL GROUP INC				
JUNE 2024 LIF	05/01/2024	JUNE LIFE INS 2024	61-00-00-92630 LIFE INSURANCE EXPENSE	10.73

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total SECURIAN FINANCIAL GROUP INC:				10.73
DUNN LUMBER				
1718993	05/15/2024	NIPPLES-HEADWORKS BFP PIP	61-00-00-93501 MAINT-HEADWORKS BLDG	34.94
1688655	04/12/2024	GLUE-DO PHROBE MAINT-GLU	61-00-00-93600 MAINT-LAB EQUIPMENT	5.39
1689021	04/12/2024	FAUCET AERATOR-LAB SINK M	61-00-00-93600 MAINT-LAB EQUIPMENT	15.18
Total DUNN LUMBER:				55.51
HOME DEPOT CREDIT SERVICES				
4620190	05/02/2024	CONDUIT/SET SCREW - INFL F	61-00-00-93601 MAINT-HEADWORKS EQUIP	25.66
Total HOME DEPOT CREDIT SERVICES:				25.66
AUTOGLASS GUYS INC				
W025672	04/11/2024	CAMEL PASS SIDE WINDSHIEL	61-00-00-93700 MAINT-VEHICLES & EQUIP	425.00
Total AUTOGLASS GUYS INC:				425.00
ITU ABSORBTech INC				
8325416	04/26/2024	SHOP RAGS	61-00-00-93700 MAINT-VEHICLES & EQUIP	33.58
Total ITU ABSORBTech INC:				33.58
SABEL MECHANICAL LLC				
240233	04/11/2024	BIGFOOT LS MAINT FROM FOR	61-00-00-93800 MAINT-LIFT STATIONS	7,195.02
240234	04/11/2024	BIG FOOT LS MAINT-SEAL LEA	61-00-00-93800 MAINT-LIFT STATIONS	4,108.78
Total SABEL MECHANICAL LLC:				11,303.80
THE EXPEDITERS INC				
3863	05/08/2024	MANHOLE GROUTING/COLLEC	61-00-00-93810 MAINT-MAINS	4,872.00
Total THE EXPEDITERS INC:				4,872.00
ALLIANT ENERGY/WPL				
252422000024	05/01/2024	E STATE ROAD 50 GATE	61-00-00-93820 MAINT-RECEIVING STATION	17.83
Total ALLIANT ENERGY/WPL:				17.83
ADAMS, DAVID J				
202	04/26/2024	SEEPAGE CELL PLOWING	61-00-00-93830 MAINT-SEEPAGE CELLS/POND	1,280.00
Total ADAMS, DAVID J:				1,280.00
ALLIANT ENERGY/WPL				
054885000024	05/01/2024	E STATE ROAD 50 SEEPAGE	61-00-00-93830 MAINT-SEEPAGE CELLS/POND	87.05
Total ALLIANT ENERGY/WPL:				87.05
HOME DEPOT CREDIT SERVICES				
3520205	04/23/2024	TIMER & SUMP	61-00-00-93840 MAINT-CLARIFIER	298.98
Total HOME DEPOT CREDIT SERVICES:				298.98

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total 61:				112,776.55
62				
HOME DEPOT CREDIT SERVICES				
4011751	05/02/2024	ELECTRICAL SUPP-BOOST PU	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	41.54
4170356	05/02/2024	SET SCREWS - 3B VFD	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	2.98
5311477	05/01/2024	3 BVFD-CONDUIT WASHERS C	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	66.41
Total HOME DEPOT CREDIT SERVICES:				110.93
S.J. ELECTRO SYSTEMS LLC (SJE)				
CD99524010	05/02/2024	VFD REPLACEMENT-BOOSTER	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	12,961.00
Total S.J. ELECTRO SYSTEMS LLC (SJE):				12,961.00
CORE & MAIN LP				
U482760	04/23/2024	#2 METERHORNS & SWIVELS	62-00-00-15000 MATERIAL-SUPPLIES	2,432.84
U489603	03/28/2024	VALVE BOXES, FITTINGS, CB R	62-00-00-15000 MATERIAL-SUPPLIES	8,986.00
U592480	03/28/2024	VALVE BOX PARTS	62-00-00-15000 MATERIAL-SUPPLIES	3,738.00
U609613	04/03/2024	VALVE BOX PARTS-SCREWS	62-00-00-15000 MATERIAL-SUPPLIES	346.00
U628491	03/29/2024	2" COMP TEE	62-00-00-15000 MATERIAL-SUPPLIES	200.00
U628642	04/03/2024	VALVE BOX PARTS-#58 SCREW	62-00-00-15000 MATERIAL-SUPPLIES	468.00
U773583	04/24/2024	1" #2 METERHORN SWIVELS	62-00-00-15000 MATERIAL-SUPPLIES	255.05
U597555	03/26/2024	510M RADIOS FXUS	62-00-00-34600 METERS	5,968.70
U628926	04/03/2024	1/2" METERS	62-00-00-34600 METERS	4,023.35
Total CORE & MAIN LP:				26,417.94
MARTELLE WATER TREATMENT				
26930	04/17/2024	SODIUM HYPOCHLORITE	62-00-00-60200 CHEMICALS	1,320.68
Total MARTELLE WATER TREATMENT:				1,320.68
ALLIANT ENERGY/WPL				
145511000024	05/01/2024	361 MAIN ST WELL 2	62-00-00-60300 MISC EXPENSES & UTILITY	1,100.45
327391000024	05/01/2024	WAVERLY ST WELL 4	62-00-00-60300 MISC EXPENSES & UTILITY	433.96
348370000024	05/01/2024	WAVERLY ST WELL 3	62-00-00-60300 MISC EXPENSES & UTILITY	444.12
972745000024	05/01/2024	HASKINS ST WELL 5	62-00-00-60300 MISC EXPENSES & UTILITY	706.57
Total ALLIANT ENERGY/WPL:				2,685.10
WE ENERGIES				
4984184183	04/10/2024	WAVERLY ST WELLHOUSE #4	62-00-00-60300 MISC EXPENSES & UTILITY	52.67
4989232353	04/15/2024	HASKINS ST WELLHOUSE #5	62-00-00-60300 MISC EXPENSES & UTILITY	54.53
5021341204	05/09/2024	WAVERLY ST WELLHOUSE #4	62-00-00-60300 MISC EXPENSES & UTILITY	19.52
Total WE ENERGIES:				126.72
ALLIANT ENERGY/WPL				
347962000024	05/01/2024	DODGE ST BOOSTER	62-00-00-62300 PUMPING POWER PURCHASED	99.36
576425000024	05/01/2024	MAIN ST ENGINE ROOM	62-00-00-62300 PUMPING POWER PURCHASED	4,538.01
717061000024	05/01/2024	1401 CENTER ST BOOSTER	62-00-00-62300 PUMPING POWER PURCHASED	194.43
Total ALLIANT ENERGY/WPL:				4,831.80
WE ENERGIES				
4984829972	04/10/2024	CENTER ST BOOSTER STN	62-00-00-62300 PUMPING POWER PURCHASED	27.36

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
4985068066	04/10/2024	WATER DEPT MAIN BLDG	62-00-00-62300 PUMPING POWER PURCHASED	550.69
5020917310	05/09/2024	WATER DEPT MAIN BLDG	62-00-00-62300 PUMPING POWER PURCHASED	117.00
5021444451	05/09/2024	CENTER ST BOOSTER STN	62-00-00-62300 PUMPING POWER PURCHASED	18.03
Total WE ENERGIES:				713.08
MARTELLE WATER TREATMENT				
26930	04/17/2024	HYDROFLUOSILICIC ACID, CHL	62-00-00-64100 CHEMICALS	5,727.36
Total MARTELLE WATER TREATMENT:				5,727.36
ALLIANT ENERGY/WPL				
974671000024	05/01/2024	361 MAIN ST HALLWAY	62-00-00-64200 LABOR & EXPENSES (LAB)	91.17
Total ALLIANT ENERGY/WPL:				91.17
HD SUPPLY INC				
INV00347714	04/26/2024	LAB REAGENTS & SUPPLIES	62-00-00-64200 LABOR & EXPENSES (LAB)	406.69
Total HD SUPPLY INC:				406.69
NORTHERN LAKE SERVICE INC				
2406604	04/30/2024	MANGANESE MONTHLY	62-00-00-64200 LABOR & EXPENSES (LAB)	43.81
Total NORTHERN LAKE SERVICE INC:				43.81
WI STATE LABORATORY OF HYGIENE				
773731	04/30/2024	MONTHLY FLUORIDE SPLIT SA	62-00-00-64200 LABOR & EXPENSES (LAB)	29.00
Total WI STATE LABORATORY OF HYGIENE:				29.00
GRAINGER				
9081118516	04/10/2024	FIRE HOSE NOZZLES-WASH D	62-00-00-65100 PLANT MAINTENANCE	89.66
Total GRAINGER:				89.66
ALLIANT ENERGY/WPL				
098433000024	05/01/2024	750 WILD RIDGE DR WATER TO	62-00-00-66100 MAINT OPS-STANDPIPES	116.03
520171000024	05/01/2024	1887 DODGE ST TOWER	62-00-00-66100 MAINT OPS-STANDPIPES	38.41
Total ALLIANT ENERGY/WPL:				154.44
CORE & MAIN LP				
U489603	03/28/2024	VB LID LIFTERS	62-00-00-67300 MAINT OF MAINS & VALVES	170.00
Total CORE & MAIN LP:				170.00
DOWN TO EARTH				
8348	05/01/2024	1303 ELKHORN RD-MAIN BREA	62-00-00-67300 MAINT OF MAINS & VALVES	4,354.50
8349	05/01/2024	1310 TOMIKE ST-MAIN BREAK	62-00-00-67300 MAINT OF MAINS & VALVES	3,654.50
Total DOWN TO EARTH:				8,009.00
M.E. SIMPSON COMPANY INC				
42315	04/30/2024	2024 WATER SYSTEM LEAK SU	62-00-00-67300 MAINT OF MAINS & VALVES	18,800.00

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total M.E. SIMPSON COMPANY INC:				18,800.00
SCHMITZ READY MIX INC				
1098130-IN	04/18/2024	1303 ELKHORN RD-MAIN BREA	62-00-00-67300 MAINT OF MAINS & VALVES	1,732.50
1099112-IN	04/24/2024	1310 TOMIKE ST-MAIN BREAK	62-00-00-67300 MAINT OF MAINS & VALVES	1,215.72
1102346-IN	05/09/2024	DOORWOOD DR WATERMAIN B	62-00-00-67300 MAINT OF MAINS & VALVES	1,322.64
1102996-IN	05/13/2024	CENTER ST/GENEVA ST-MAIN V	62-00-00-67300 MAINT OF MAINS & VALVES	1,554.30
Total SCHMITZ READY MIX INC:				5,825.16
DOWN TO EARTH				
8345	04/29/2024	544 JEFFERSON ST-REPLACE L	62-00-00-67500 MAINT SERVICES & CURB BOX	712.50
8350	05/01/2024	535 MAPLE ST-SERVICE LEAK	62-00-00-67500 MAINT SERVICES & CURB BOX	3,730.00
Total DOWN TO EARTH:				4,442.50
HD SUPPLY INC				
INV00360774	05/09/2024	DIGGERS MARKING FLAGS	62-00-00-67500 MAINT SERVICES & CURB BOX	158.40
Total HD SUPPLY INC:				158.40
M.E. SIMPSON COMPANY INC				
42315	04/30/2024	2024 WATER SYSTEM LEAK SU	62-00-00-67500 MAINT SERVICES & CURB BOX	18,800.00
Total M.E. SIMPSON COMPANY INC:				18,800.00
SCHMITZ READY MIX INC				
1100772-IN	05/01/2024	535 MAPLE ST-REPAIR SERVIC	62-00-00-67500 MAINT SERVICES & CURB BOX	1,013.76
Total SCHMITZ READY MIX INC:				1,013.76
CAPITAL ONE				
604080706303	03/20/2024	DISHPANS	62-00-00-67600 MAINT OF METERS	3.96
Total CAPITAL ONE:				3.96
DUNN LUMBER				
1693731	04/18/2024	METER TOOL BAG, CAULK, SC	62-00-00-67600 MAINT OF METERS	53.74
Total DUNN LUMBER:				53.74
HOME DEPOT CREDIT SERVICES				
7163412	04/29/2024	THERMOSTAT WIRE	62-00-00-90200 METER READING EXPENSE	182.54
Total HOME DEPOT CREDIT SERVICES:				182.54
ARENZ, MICHAEL				
ARENZ041724	04/17/2024	REIMB CEUS WRWAANN TECH	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	175.80
Total ARENZ, MICHAEL:				175.80
AT&T				
262248865604	04/13/2024	APR 2024 MONTHLY PHONE BIL	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	115.76
Total AT&T:				115.76

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
AT&T LONG DISTANCE				
816988240-03	04/04/2024	262-248-8617	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	.30
816988240-04	05/04/2024	262-248-8617	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	.14
Total AT&T LONG DISTANCE:				.44
BUSCH, JOANNE				
BUSCH051524	05/15/2024	REIMB 5/8 LOCAL GOVT LEADE	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	175.50
Total BUSCH, JOANNE:				175.50
CAPITAL ONE				
604080706303	03/20/2024	COFFEE & CUTLERY	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	63.47
Total CAPITAL ONE:				63.47
CHARTER COMMUNICATIONS				
152474701042	04/21/2024	WATER APRIL INTERNET	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	119.98
Total CHARTER COMMUNICATIONS:				119.98
ECKLUND, JEFFREY				
ECKLUND0417	04/18/2024	REIMB CEUS-WRWA ANN TECH	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	495.20
Total ECKLUND, JEFFREY:				495.20
FNBO				
554328641152	04/24/2024	VONAGE PHONE SVC 4/23/2024	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	132.46
851793941107	04/18/2024	L HART CELL	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	24.99
Total FNBO:				157.45
MARTIN BUSINESS GROUP				
1306949	04/20/2024	SERVICE CONTRACT/COPIES	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	126.05
Total MARTIN BUSINESS GROUP:				126.05
ODP BUSINESS SOLUTIONS LLC				
360238039001	05/08/2024	BANKERS BOXES	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	49.12
Total ODP BUSINESS SOLUTIONS LLC:				49.12
PITNEY BOWES BANK INC RESERVE ACCOUNT				
PB041524	04/15/2024	RESERVE ACCT 19274125-REP	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	750.00
Total PITNEY BOWES BANK INC RESERVE ACCOUNT:				750.00
RACHWAL, TYLER				
RACHWAL041	04/17/2024	REIMB CEUS WRWA ANN TECH	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	175.80
Total RACHWAL, TYLER:				175.80
US CELLULAR				
0645792230	04/04/2024	WATER MONTHLY PHONE BILL	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	224.32
Total US CELLULAR:				224.32

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
WI DEPT OF ADMINISTRATION				
505-000008981	04/10/2024	IRONPORT ACCT FEE 03/2024	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	3.06
Total WI DEPT OF ADMINISTRATION:				3.06
CLEAN WATER ENGINEERING LLC				
1064	04/30/2024	APRIL CROSS CONNECTION IN	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	1,710.00
Total CLEAN WATER ENGINEERING LLC:				1,710.00
LAUTERBACH & AMEN LLP				
89851	04/18/2024	PROGRESS BILLING AUDIT	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	2,442.00
Total LAUTERBACH & AMEN LLP:				2,442.00
MSA PROFESSIONAL SERVICES INC				
004298	05/06/2024	BFLS FORCEMAIN & GGR SVC I	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	3,401.28
Total MSA PROFESSIONAL SERVICES INC:				3,401.28
VELOCITY				
#2024074	05/13/2024	AV, OFFICE & AZURE LICENSIN	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	157.25
#2024075	05/13/2024	AV, OFFICE & AZURE LICENSIN	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	157.25
#2024076	05/13/2024	IT SUPPORT SVCS-3/18/2024	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	95.00
Total VELOCITY:				409.50
SECURIAN FINANCIAL GROUP INC				
JUNE 2024 LIF	05/01/2024	JUNE LIFE INS 2024	62-00-00-92630 LIFE INSURANCE EXPENSE	12.60
Total SECURIAN FINANCIAL GROUP INC:				12.60
FNBO				
054101941172	04/26/2024	TELEVISION	62-00-00-93000 MISCELLANEOUS GENERAL EXP	169.99
Total FNBO:				169.99
OFFICE PRO INC				
691530-0	05/06/2024	PAPER TOWEL, SOAP, TOILET P	62-00-00-93000 MISCELLANEOUS GENERAL EXP	1,134.76
Total OFFICE PRO INC:				1,134.76
HOME DEPOT CREDIT SERVICES				
4011751	05/02/2024	GUTTERS & DOWNSPOUTS-TR	62-00-00-93200 MAINTENANCE OF GENERAL PLANT	213.24
6170231	04/30/2024	PUSH MOWER	62-00-00-93200 MAINTENANCE OF GENERAL PLANT	549.00
Total HOME DEPOT CREDIT SERVICES:				762.24
BUMPER TO BUMPER				
662-486042	05/01/2024	TRUCK 40 BATTERY	62-00-00-93300 TRANSPORTATION EXPENSE	170.99
Total BUMPER TO BUMPER:				170.99
DEL'S SERVICE				
DELAPR2024	05/01/2024	GASOLINE	62-00-00-93300 TRANSPORTATION EXPENSE	594.02



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: May 2024 Director's Report

OPERATIONS UPDATE

WATER OPERATIONS

The system leak survey has been completed, which found a total of 18 leaks that had not surfaced: 3 mains, 3 services 3 valves, and 9 hydrants. All but two of the repairs have been completed and the last two are scheduled for repair the week of 5/20.

Spring hydrant flushing started the week of May 6th and will be wrapping up by May 24th.

Source water sampling was recently completed for analysis of PFAS, which is a requirement for the City's filing into the pending class action lawsuit settlement. Results are anticipated in early June and updates will be provided to the Commission as they become available.

WASTEWATER OPERATIONS

Staff continues working with Engineering on the Big Foot Lift Station project, which is noticed on the agenda for potential Commission action to advance the project toward bidding.

Staff continue working on the annual inspections and preventative maintenance activities within the collection and treatment system.

The sanitary lift station for Phase 5 of Symphony Bay is advancing, with startup anticipated within the next 3-4 weeks, and site restoration and the last of the improvement construction continuing for 3-5 weeks afterward.

OFFICE & ADMINISTRATION

Work for the 2023 audit is nearing completion and the annual PSC report was filed in early April. We anticipate the audit report presentation to be at the June meeting.

The 2nd quarter collections process has been completed and disconnects are scheduled for the 22nd for all delinquent accounts remaining at that time.

Discussion with Pioneer Estates recently resumed regarding updates and potential amendments to the existing water and sewer use agreement. Additional meetings are anticipated to take place within the next month and hope to have revisions finalized by July or August.

MAY 2024 UTILITY COMMISSION AGENDA - BACKGROUND INFORMATION

9. Release of Retainage – Pine Tree Ln & Mariane Terrace

During the progression of the project, the DPW & Utility withheld retainage on the related work completed to ensure the punch list and warranty items were addressed adequately. The Contractor recently completed all utility related restoration items and the retainage for the project is no longer necessary.

Staff recommends the Commission authorize the release of the Utility's portion of the 2.5% retainage and payment issuance to Asphalt Contractors Inc.

10. Big Foot Lift Station Force Main Replacement

As directed by the Commission in March, the development of project plans and specifications has continued to reach a 60% complete threshold. With these updates, staff and engineering can finalize the last of the project details, obtain the regulatory permitting, and move toward bidding the project over the 3-5 weeks, with a bid opening to be held in early July and potential award of the work at the July Commission meeting.

Staff recommends the Commission authorize the release of the Big Foot Force Main Replacement Project for bidding.

11. STH 50 Scope of Services – Utility Improvement Design & Bidding

Over the last 16 months, the Utility has worked with MSA to evaluate utility improvements as part of the upcoming WisDOT project. In February the Commission voted unanimously to move the project forward and to coordinate the preliminary scope with WisDOT. The next step for the project would be entering a detailed design phase, followed by bidding. A scope of services was prepared by MSA at the request of Utility staff, which is included for Commission review. Staff anticipates working with WisDOT over the next month to finalize the scope, primarily related to the coordination of construction sequencing with their project, and return with a final scope and proposal at the June meeting.

Action is requested of the Commission to provide staff with direction on their review and any modifications proposed to the scope of services.

12. Crack & Chip Sealing – Seepage Cell Access Roads

Staff prepared the documentation and participated in the DPW's recent bidding process, requesting crack sealing and chip sealing work on the seepage cell access roads. A copy of the bids received are included for Commission review. While the crack sealing work was budgeted for 2024, continued deterioration of the road surfaces warranted a broader scope of work to complete the chip sealing. A budgetary allocation of \$15,000 is available, which would need to be supplemented to complete the crack and chip seal work. Staff would recommend the additional \$20,068 be allocated from the Capital Project Fund and that the work be awarded to Fahrner Asphalt Sealers, Inc.

Staff recommends the Commission approve the crack and chip seal work for the seepage cell access roads to Fahrner Asphalt Sealers Inc., for \$35,068.

13. 2023 Consumer Confidence Report (CCR)

Consumer Confidence Reports (CCR) are required by the Federal Environmental Protection Agency (EPA). The Utility is required to prepare and distribute the CCR by July 1st of each year, providing information to customers concerning water quality for the monitoring year. The report identifies detected contaminants, compliance with drinking water rules, and educational language. Staff will be present to review and highlight the 2023 CCR at the meeting.

No formal action is recommended by Staff, this item is for Commission review only.

14. Closed Session

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

Contractor's Application for Payment No.

5

Application Period: 8/29/2023

Application Date: 8/30/2023

To (Owner): City of Lake Geneva	From (Contractor): Asphalt Contractors	Via (Engineer): MSA Professional Services, Inc. 
Project: 2023 Mariane Terrace and Pine Tree Lane Improvements	Contract:	
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).....	\$	\$924,286.36
5. RETAINAGE:		
a. 2.5% X \$924,286.36 Work Completed.....	\$	\$23,107.16
b. 0% X _____ Stored Material.....	\$	
c. Total Retainage (Line 5.a + Line 5.b).....	\$	\$23,107.16
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c).....	\$	\$901,179.20
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....	\$	\$863,193.14
8. AMOUNT DUE THIS APPLICATION.....	\$	\$37,986.06
9. BALANCE TO FINISH, PLUS RETAINAGE (Column [G for LS] or [J for UP] total on Progress Estimates + Line 5.c above).....	\$	\$92,623.99

Contractor's Certification

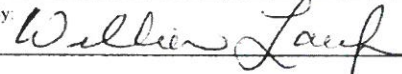
The undersigned Contractor certifies, to the best of its knowledge, the following:

(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: 10/19/2023

Payment of: \$ \$37,986.06
(Line 8 or other - attach explanation of the other amount)

is recommended by: _____
(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)

BIG FOOT FORCE MAIN REPLACEMENT

LAKE GENEVA UTILITIES (LGU)

CITY OF LAKE GENEVA

WALWORTH COUNTY, WISCONSIN

SHEET INDEX

G - GENERAL SHEETS

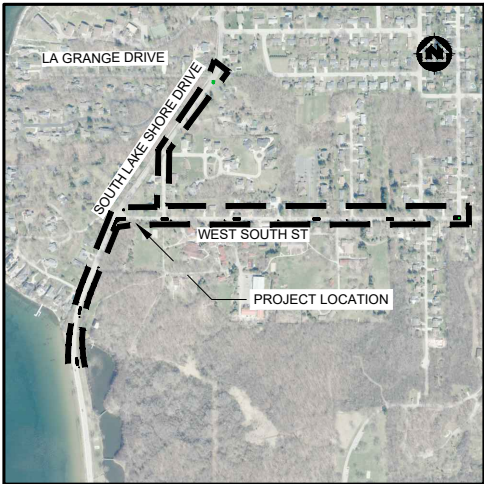
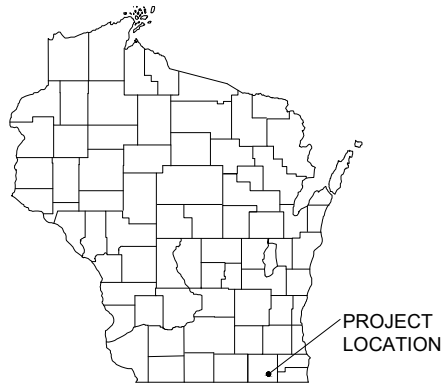
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G 3	SITE TOPOGRAPHIC SURVEY
G 4	REFERENCE SHEET INDEX
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DM 2	DEMOLITION PLAN - S LAKE SHORE DR
DM 3	DEMOLITION PLAN - S LAKE SHORE DR & W SOUTH ST
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PP - PLAN & PROFILE SHEETS

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PP 4-8	PLAN & PROFILE - W SOUTH ST
PP 9	PLAN & PROFILE - S LAKE SHORE DR AT LA GRANGE DR



LOCATION MAP
NOT TO SCALE

LEGEND

— W —	EXISTING WATER MAIN
— + —	EXISTING WATER MAIN, VALVE & HYDRANT
— — —	EXISTING WATER SERVICE & CURB STOP
— + —	PROPOSED WATER MAIN, VALVE, & HYDRANT
— — —	PROPOSED WATER SERVICE & CURB STOP
— SAN —	EXISTING SANITARY SEWER & MANHOLE
— — —	PROPOSED SANITARY SEWER & MANHOLE
— FM —	EXISTING FORCEMAIN
— SS —	EXISTING STORM SEWER & INLET
— — —	PROPOSED STORM SEWER & INLET
— — —	PROPOSED STORM SEWER & MANHOLE
— E —	BURIED ELECTRIC
— G —	BURIED GAS & VALVE
— TV —	BURIED CABLE TELEVISION
— T —	BURIED TELEPHONE
— FO —	BURIED FIBER OPTICS
— OH —	OVERHEAD UTILITY
— + —	RAILROAD TRACKS
— — —	EXISTING CURB & GUTTER
— — —	PROPOSED CURB & GUTTER
— — —	EXISTING SIDEWALK
— — —	PROPOSED SIDEWALK
— CP —	EXISTING CULVERT PIPE
— — —	PROPOSED CULVERT PIPE
— — —	FENCE LINE
— — —	DRAINAGE ARROW
— — —	SILT FENCE
— — —	RIGHT-OF-WAY
— — —	BASELINE
— — —	PROPERTY LINE
— — —	TREE LINE
— — —	BENCHMARK
— — —	IRON PIPE
— — —	IRON ROD
— — —	CONTROL POINT
— — —	UTILITY POLE & GUY
— — —	SOIL BORING
— — —	LIGHT POLE
— — —	PEDESTAL
— — —	STREET SIGN
— — —	MAILBOX
— — —	FLAGPOLE
— — —	TREE - DECIDUOUS
— — —	TREE - CONIFEROUS
— — —	TREE TO BE REMOVED

UTILITIES

CITY OF LAKE GENEVA
LAKE GENEVA PUBLIC WORKS DEPARTMENT
TOM EARLE, DIRECTOR OF PUBLIC WORKS
1065 CAREY STREET
LAKE GENEVA, WI 53147
PHONE: (262) 248-6644
EMAIL: TEARLE@CITYOFLAKEGENEVA.COM

SEWER & WATER
LAKE GENEVA UTILITY COMMISSION
JOSH GAJEWSKI, UTILITY COMMISSION DIRECTOR
P.O. BOX 187
361 MAIN STREET
LAKE GENEVA, WI 53147
PHONE: (262) 248-2311
EMAIL: JGAJEWSKI@LGUTILITIES.ORG

GAS:
WE ENERGIES
BRIAN BARTELS, GAS OPERATIONS SUPERVISOR
1870 HAYNES DRIVE
SUN PRAIRIE, WI 53590
PHONE: (920) 262-6879
EMAIL: BRIAN.BARTELS@WE-ENERGIES.COM

ELECTRIC:
ALLIANT ENERGIES
AUSTIN KROHN
1870 HAYNES DRIVE, SUN PRAIRIE, WI 53590
EMAIL: AUSTINKROHN@ALLIANTENERGY.COM
PHONE: (262) 741-0905

CATV:
CHARTER (TIME WARNER CABLE LEGACY)
BEAU ABUYA
EMAIL: BEAU.ABUYA@CHARTER.COM
PHONE: (414) 908-1343



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

NOTE:
UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CONTRACTOR
SHALL HAVE APPROPRIATE UTILITY MARK EXACT LOCATIONS PRIOR TO
CONSTRUCTION.

PROJECT DATE:	DRAWN BY:	NO.	DATE	REVISION	BY
	AJM	1	05/16/2024	60% PROGRESS SUBMITTAL	AJM
	DESIGNED BY:	TKM			
	CHECKED BY:	AZ			

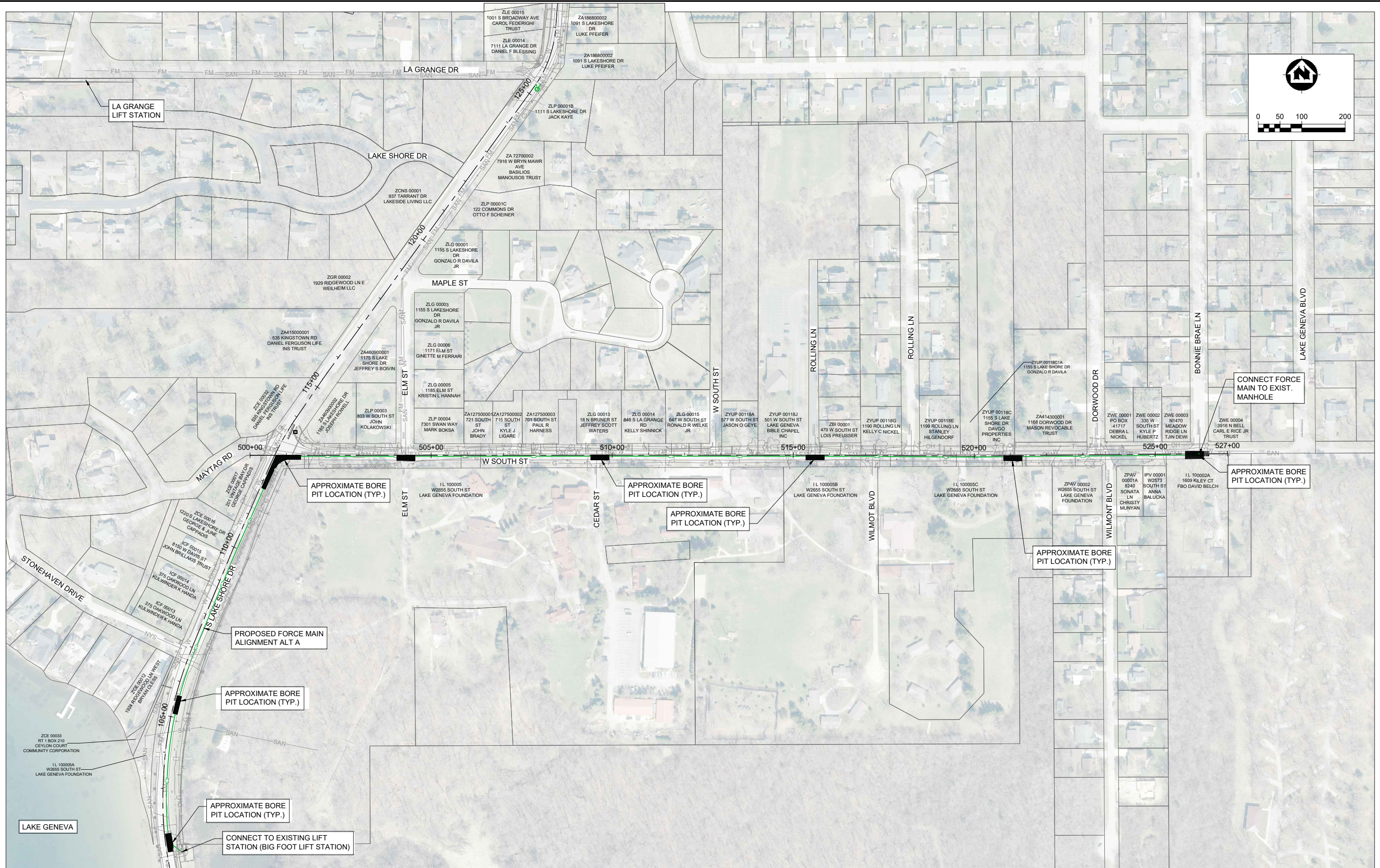


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LAKE GENEVA UTILITIES (LGU)
CITY OF LAKE GENEVA, WALWORTH COUNTY, WISCONSIN

TITLE SHEET

PROJECT NO:
07815012
SHEET
G1



PROJECT DATE:	DRAWN BY:	NO.	DATE	REVISION	BY
5/16/2024 4:58 PM	AJM	1	05/16/2024	60% PROGRESS SUBMITTAL	AJM
	DESIGNED BY:	TKM			
	CHECKED BY:	AZ			

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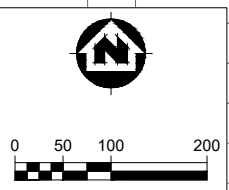
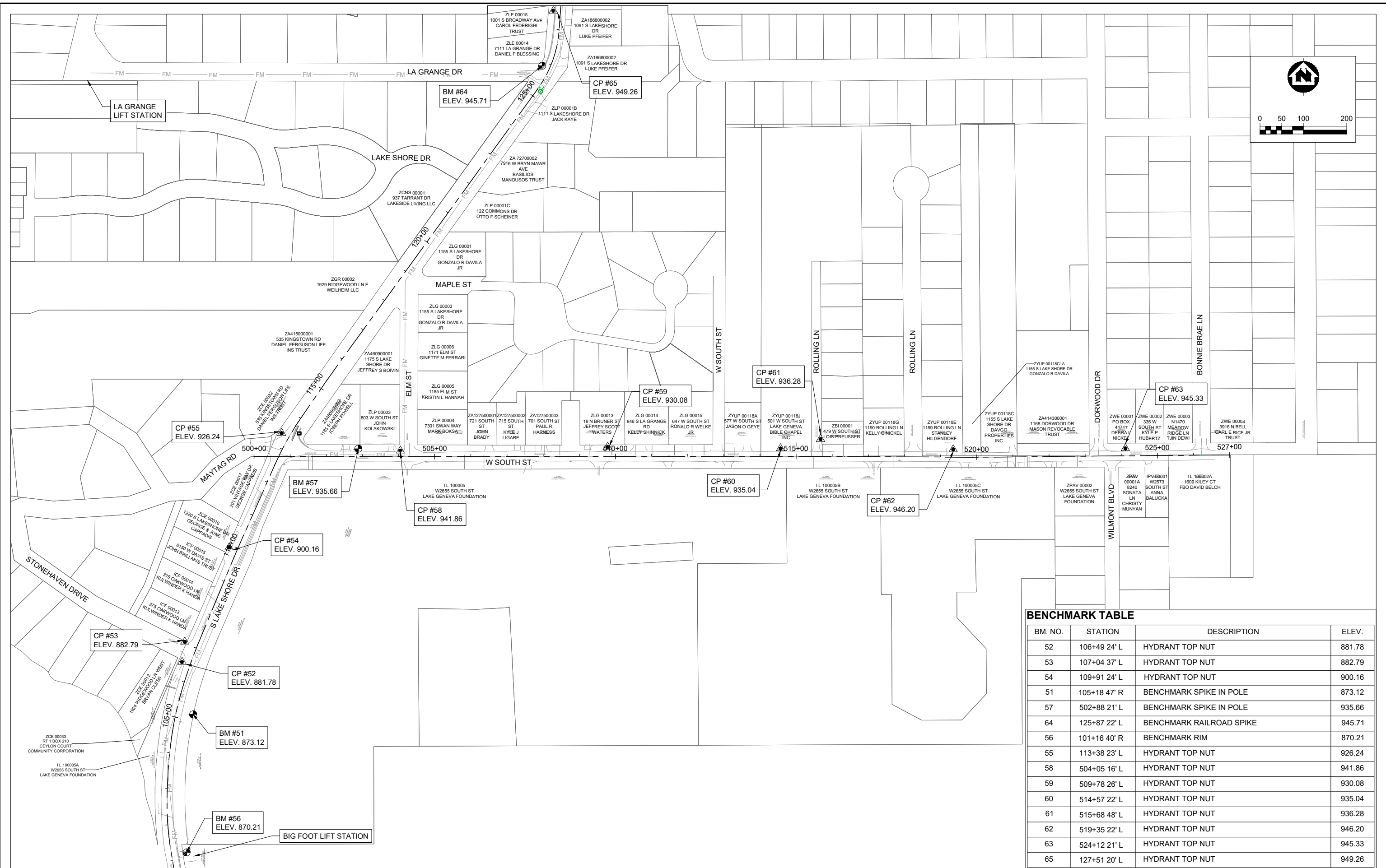


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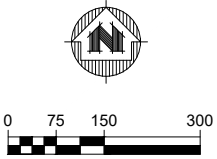
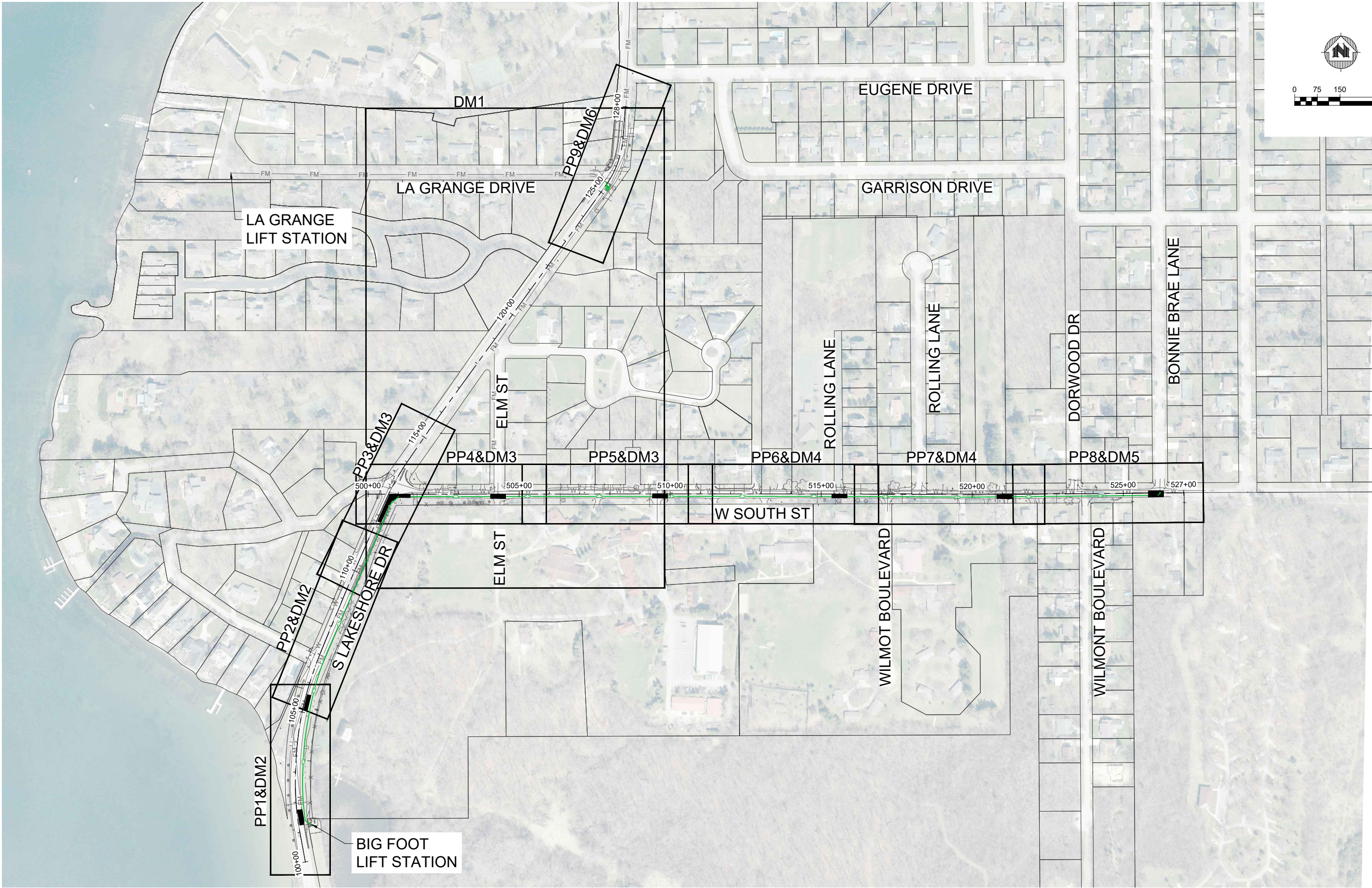
BIG FOOT FORCE MAIN REPLACEMENT
LAKE GENEVA UTILITIES (LGU)
CITY OF LAKE GENEVA, WALWORTH COUNTY, WISCONSIN

OVERALL SITE PLAN

PROJECT NO:
07815012
SHEET
G2



BENCHMARK TABLE			
BM. NO.	STATION	DESCRIPTION	ELEV.
52	106+49 24' L	HYDRANT TOP NUT	881.78
53	107+04 37' L	HYDRANT TOP NUT	882.79
54	109+91 24' L	HYDRANT TOP NUT	900.16
51	105+18 47' R	BENCHMARK SPIKE IN POLE	873.12
57	502+88 21' L	BENCHMARK SPIKE IN POLE	935.66
64	125+87 22' L	BENCHMARK RAILROAD SPIKE	945.71
56	101+16 40' R	BENCHMARK RIM	870.21
55	113+38 23' L	HYDRANT TOP NUT	926.24
58	504+05 16' L	HYDRANT TOP NUT	941.86
59	509+78 26' L	HYDRANT TOP NUT	930.08
60	514+57 22' L	HYDRANT TOP NUT	935.04
61	515+68 48' L	HYDRANT TOP NUT	936.28
62	519+35 22' L	HYDRANT TOP NUT	946.20
63	524+12 21' L	HYDRANT TOP NUT	945.33
65	127+51 20' L	HYDRANT TOP NUT	949.26



PROJECT DATE:	DRAWN BY:	NO.	DATE	REVISION	BY:
5/16/2024	AJM	1	05/16/2024	60% PROGRESS SUBMITTAL	AJM
	DESIGNED BY:	TKM			
	CHECKED BY:	AZ			



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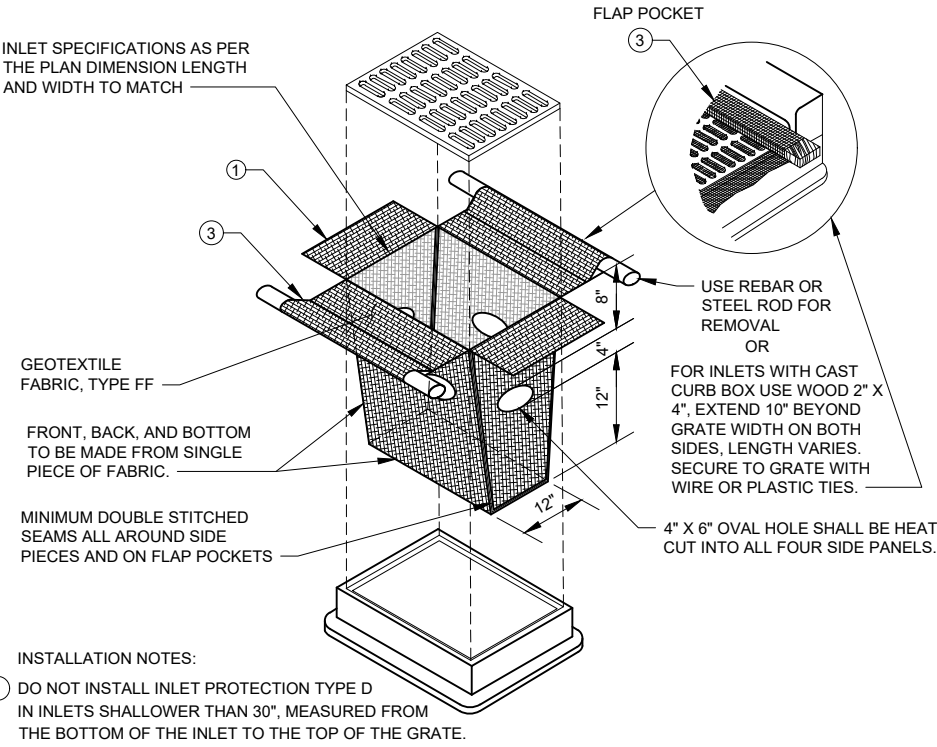
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CITY OF LAKE GENEVA, WALWORTH COUNTY, WISCONSIN

REFERENCE SHEET INDEX

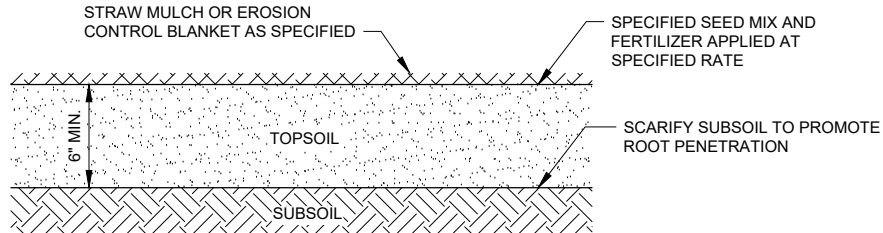
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G4

CONSTRUCTION SITE
EROSION CONTROL REQUIREMENTS

- 1.) SECTION NR216.46 OF WISCONSIN STATE ADMINISTRATIVE CODE IDENTIFIES REQUIREMENTS FOR CONSTRUCTION SITE AND POST-CONSTRUCTION EROSION CONTROL. IT IS THE INTENT OF THESE PLANS TO SATISFY THESE REQUIREMENTS. THE METHODS AND STRUCTURES USED TO CONTROL EROSION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL IMPLEMENT AN APPROPRIATE MEANS OF CONTROLLING EROSION DURING SITE OPERATION AND UNTIL THE VEGETATION IS RE-ESTABLISHED. ADJUSTMENTS TO THE CONTROL SYSTEM SHALL BE MADE AS REQUIRED.
- 2.) ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE WISCONSIN DNR'S CONSERVATION PRACTICE STANDARDS. THESE STANDARDS ARE PERIODICALLY UPDATED AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN AND REFERENCE THE MOST RECENTLY RELEASED STANDARD.
- 3.) THIS INFORMATION IS ONLY ONE PART OF THE OVERALL EROSION CONTROL REQUIREMENTS. ADDITIONAL REQUIREMENTS MAY ALSO BE SHOWN ON THE CONTRACT DRAWINGS AND IN THE ACCOMPANYING SPECIFICATIONS.
- 4.) ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE OWNER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
- 5.) THE AREA OF EROSION LAND EXPOSED TO THE ELEMENTS BY GRUBBING, EXCAVATION, TRENCHING, BORROW AND FILL OPERATIONS AT ANY ONE TIME SHALL BE MINIMIZED TO THE MAXIMUM EXTENT PRACTICABLE. FOR ANY DISTURBED AREA THAT REMAINS INACTIVE FOR GREATER THAN 7 WORKING DAYS, OR WHERE GRADING WORK EXTENDS BEYOND THE PERMANENT SEEDING DEADLINES, THE SITE MUST BE TREATED WITH TEMPORARY STABILIZATION MEASURES SUCH AS SOIL TREATMENT, TEMPORARY SEEDING AND/OR MULCHING. ALL DISTURBED AREAS SHALL BE TREATED WITH PERMANENT STABILIZATION MEASURES WITHIN 3 WORKING DAYS OF FINAL GRADING.
- 6.) ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY OR WITHIN 24 HOURS OF THE TIME 0.5 INCHES OF RAIN HAS OCCURRED. ALL NECESSARY REPAIR AND MAINTENANCE WILL BE DONE AT THIS INSPECTION TIME.
- 7.) ALL EROSION CONTROL DEVICES AND/OR STRUCTURES SHALL BE PROPERLY INSTALLED PRIOR TO CLEARING AND GRUBBING OPERATIONS WITHIN THEIR RESPECTIVE DRAINAGE AREAS. THESE SHALL BE PROPERLY MAINTAINED FOR MAXIMUM EFFECTIVENESS UNTIL VEGETATION IS RE-ESTABLISHED.
- 8.) ALL EROSION CONTROL DEVICES SHALL BE PROPERLY INSTALLED PRIOR TO ANY SOIL DISTURBANCE.
- 9.) ANY SLOPES STEEPER THAN 3H:1V SHALL BE STAKED WITH EROSION CONTROL FABRIC UNLESS INDICATED ON THE PLAN.
- 10.) ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.
- 11.) WIND EROSION SHALL BE KEPT TO A MINIMUM DURING CONSTRUCTION. WATERING, MULCH, OR A TACKING AGENT MAY BE REQUIRED TO PROTECT NEARBY RESIDENCES AND WATER RESOURCES.
- 12.) CHANNELIZED RUNOFF ENTERING THE PROJECT SITE FROM ADJOINING LANDS SHALL BE DIVERTED THROUGH NATURALLY OR ARTIFICIALLY EROSION-RESISTANT CONVEYANCES. IF CHANNELIZED RUNOFF CANNOT BE DIVERTED, SITE BEST MANAGEMENT PRACTICES MUST ACCOUNT FOR THE ADDITIONAL FLOW RATES AND EROSION POTENTIAL THAT SUCH RUNOFF PRESENTS.
- 13.) THE CONTRACTOR SHALL TAKE ALL POSSIBLE PRECAUTIONS TO PREVENT SOILS FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEEPED AND/OR SCRAPPED (NOT FLUSHED) PERIODICALLY TO REMOVE SOIL, DIRT, AND/OR DUST.
- 14.) EROSION CONTROLS SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF TEMPORARY STOCKPILES. ANY SOIL STOCKPILE THAT REMAINS FOR MORE THAN 30 DAYS SHALL BE COVERED OR TREATED WITH STABILIZATION PRACTICES SUCH AS TEMPORARY OR PERMANENT SEEDING AND MULCHING. ALL STOCK PILES SHALL BE PLACED AT LEAST 75 FEET FROM STREAMS OR WETLANDS.
- 15.) ADDITIONAL EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, SANITARY SEWER, WATER MAIN, ETC.) SHALL INCLUDE THE FOLLOWING:
- a. PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH.
- b. BACKFILL, COMPACT, AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.
- c. DISCHARGE OF TRENCH WATER OR DEWATERING EFFLUENT MUST BE PROPERLY TREATED TO REMOVE SEDIMENT IN ACCORDANCE WITH THE WDNR CONSERVATION PRACTICE STANDARD 1061 - DEWATERING OR A SUBSEQUENT WDNR DEWATERING STANDARD PRIOR TO DISCHARGE INTO A STORM SEWER, DITCH, DRAINAGEWAY, OR WETLAND OR LAKE.
- 16.) ALL DRAINAGE CULVERTS, STORM DRAIN INLETS, MANHOLES, OR ANY OTHER EXISTING STRUCTURES THAT COULD BE DAMAGED BY SEDIMENTATION SHALL BE PROTECTED ACCORDING TO THE VARIOUS METHODS PROVIDED IN THE PRINTED CONSERVATION PRACTICE STANDARDS.
- 17.) ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR STABILIZATION MUST BE REPAIRED AND THE STABILIZATION WORK REDONE.
- 18.) DURING THE FIRST SIX WEEKS AFTER INITIAL STABILIZATION OF A DISTURBED WATERING OF ALL NEWLY SEEDED AND MULCHED AREAS SHALL BE PROVIDED WHENEVER 7 DAYS ELAPSE WITHOUT A RAIN EVENT.
- 19.) WHEN THE DISTURBED AREA HAS BEEN STABILIZED BY PERMANENT VEGETATION OR OTHER MEANS, TEMPORARY BMP'S SUCH AS SILT FENCES, STRAW BALES, AND SEDIMENT TRAPS SHALL BE REMOVED AND THESE AREAS STABILIZED.
- 20.) ALL TEMPORARY BEST MANAGEMENT PRACTICES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED.
- 21.) ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED WITH SEED AND MULCH UNLESS OTHERWISE SPECIFIED. A MINIMUM OF FOUR INCHES OF TOPSOIL SHALL BE APPLIED TO ALL AREAS TO BE SEEDED OR SODDED.

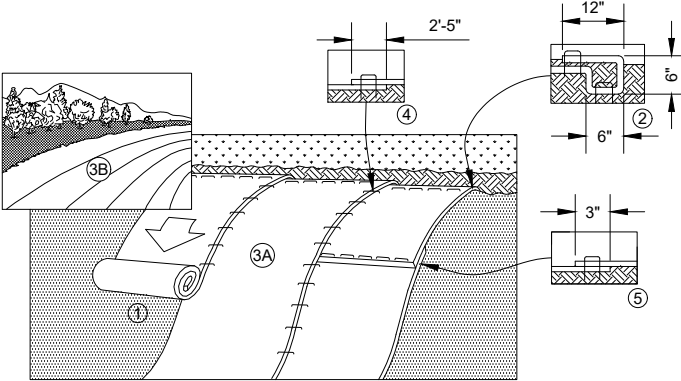


INLET PROTECTION, TYPE D
NO SCALE
CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE



NOTE: WHERE REQUIRED, PLANT HERBACEOUS PLUGS ACCORDING TO PLAN, OR AS DIRECTED BY ENGINEER.

TOPSOIL AND SEEDING DETAIL
NO SCALE



1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" (5 CM-12.5 CM) OVERLAP DEPENDING ON BLANKET TYPE.
5. CONSECUTIVE BLANKETS SPliced DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE BLANKET WIDTH.

NOTE:
*IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

EROSION CONTROL BLANKET DETAIL
NO SCALE

RESTORATION & EROSION CONTROL NOTES

1. ALL AREAS OF DISTURBED TURF SHALL BE RESTORED WITH SALVAGED TOPSOIL, SEED, FERTILIZE AND MULCH UNLESS OTHERWISE NOTED.

PROJECT DATE:	DRAWN BY:	NO.	DATE	REVISION	BY
	AJM	1	05/16/2024	60% PROGRESS SUBMITTAL	AJM
	DESIGNED BY:	TKM			
	CHECKED BY:	AZ			

PLOT DATE: 5/16/2024 4:58 PM, G:\07\07815\07815012\CADD\Construction Documents\07815012 G Sheets.dwg



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LAKE GENEVA UTILITIES (LGU)
CITY OF LAKE GENEVA, WALWORTH COUNTY, WISCONSIN

DETAILS

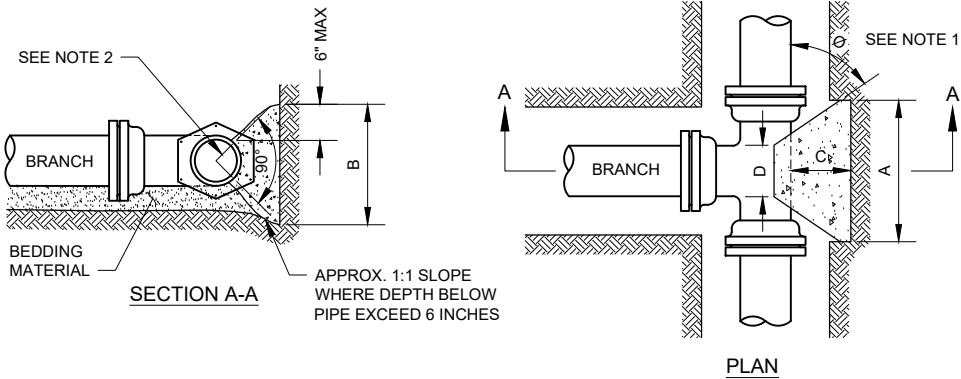
PROJECT NO:
07815012
SHEET
G5

ABBREVIATIONS

EX.	EXISTING
FM	FORCE MAIN
LGU	LAKE GENEVA UTILITIES
PR.	PROPOSED
R.O.W.	RIGHT-OF-WAY
SAN	SANITARY
ULO	UTILITY LOCATE
WM	WATER MAIN

GENERAL PROJECT NOTES

- CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL PROPER BARRICADES, LIGHTS, SIGNAGE AND WATCHMEN, OR OTHER TRAFFIC CONTROL MEASURES NECESSARY TO PROPERLY PROTECT PERSONS, ANIMALS AND PROPERTY DURING ALL SANITARY SEWER AND FORCE MAIN CONSTRUCTION.
- ALL OPEN CUT TRENCHES SHALL BE PROTECTED IN ACCORDANCE WITH APPLICABLE RULES, LAWS AND REGULATIONS OF FEDERAL, STATE AND MUNICIPAL ORDINANCES, BUT SHALL NOT BE LESS THAN THE STANDARDS AND REGULATIONS ESTABLISHED BY THE DEPARTMENT OF LABOR, OSHA 29 CFR, PART 1926.
- ALL OPEN TRENCHES SHALL BE BACK FILLED AT THE END OF EACH WORKING DAY, UNLESS THE TRENCH IS SUITABLY BARRICADED IN ACCORDANCE WITH THE STANDARDS AND REGULATIONS ESTABLISHED BY THE DEPARTMENT OF LABOR, OSHA 29 CFR, PART 1926.
- SANITARY SEWER SHALL BE CONSTRUCTED WITH COVER INDICATED. INSTANCES WHERE COVER CANNOT BE PROVIDED DUE TO PHYSICAL CONSTRAINTS OR CONFLICTS SHALL BE EVALUATED AND MODIFIED BY THE ENGINEER.
- CONTRACTOR SHALL PERFORM LOW PRESSURE AIR AND DEFLECTION TESTS FOR ACCEPTANCE IN THE PRESENCE OF THE ENGINEER, IN ACCORDANCE WITH THE GREAT LAKES-UPPER MISSISSIPPI RIVER BOARD OF STATE AND PROVISIONAL PUBLIC HEALTH AND ENVIRONMENTAL MANAGERS DESIGN STANDARDS, CURRENT EDITION. (TEN STATES STANDARDS)
- ALL SANITARY SEWER AND LATERAL CONNECTIONS SHALL BE IN ACCORDANCE WITH THE TEN STATES STANDARDS.
- ULOS MARKED ON PLANS AS "ULO (IMMEDIATE)" SHALL BE COMPLETED A MINIMUM OF 10 WORKING DAYS BEFORE CONTRACTOR PLANS TO BEGIN ANY DRILLING WORK. CONTRACTOR REQUIRED TO PROVIDE LGU AND ENGINEER HORIZONTAL AND VERTICAL LOCATIONS OF UTILITIES UNCOVERED BY ULOS. ALL OTHER ULOS TO BE COMPLETED A MINIMUM OF 5 WORKING DAYS BEFORE RELATED STRETCH OF FM IS TO BE BORED.
- WHERE FM PIPE (HDPE) - 6IN IS NOTED ON THE PLANS, FORCE MAIN SHALL BE MATERIAL AS DEFINED IN SPECIFICATION SECTION 01 35 00 SPECIAL PROCEDURES.



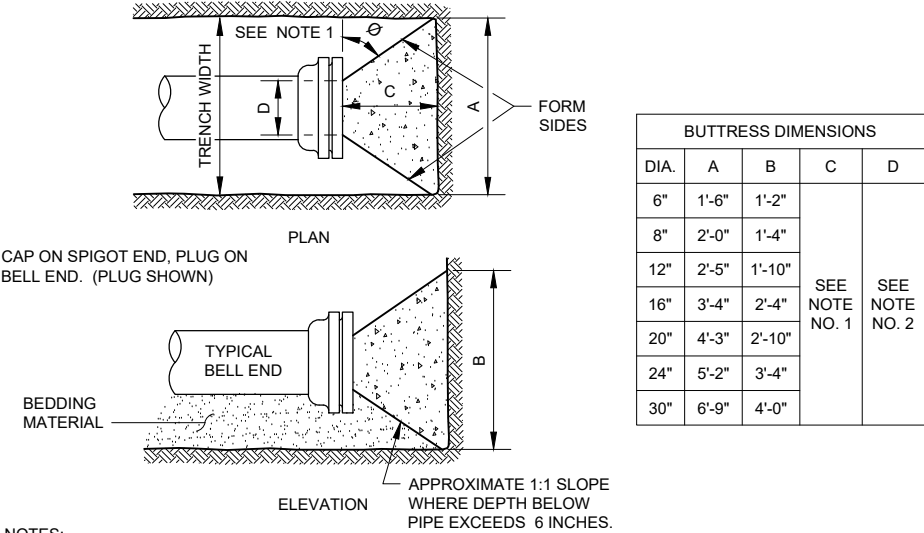
NOTES:

- DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø GREATER THAN OR EQUAL TO 45°.
- CONCRETE SHOULD BEAR ON THIS QUADRANT OF PIPE AT A MINIMUM.
- DIMENSION 'D' SHOULD BE AS LARGE AS POSSIBLE BUT CONCRETE SHOULD NOT INTERFERE WITH MECHANICAL JOINTS.
- BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
- BUTTRESS TO BE PLACED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95%% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
- CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
- ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
- IN ADDITION TO BUTTRESSES, ALL JOINTS SURROUNDING TEES SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.

BUTTRESS DIMENSIONS				
DIA.	A	B	C	D
6"	1'-3"	1'-0"	SEE NOTE NO. 1	SEE NOTE NO. 3
8"	1'-6"	1'-4"		
10"	1'-10"	1'-8"		
12"	2'-3"	2'-0"		
16"	3'-2"	2'-6"		
20"	4'-0"	3'-0"		
24"	5'-3"	3'-4"		

DIA. = BRANCH DIAMETER

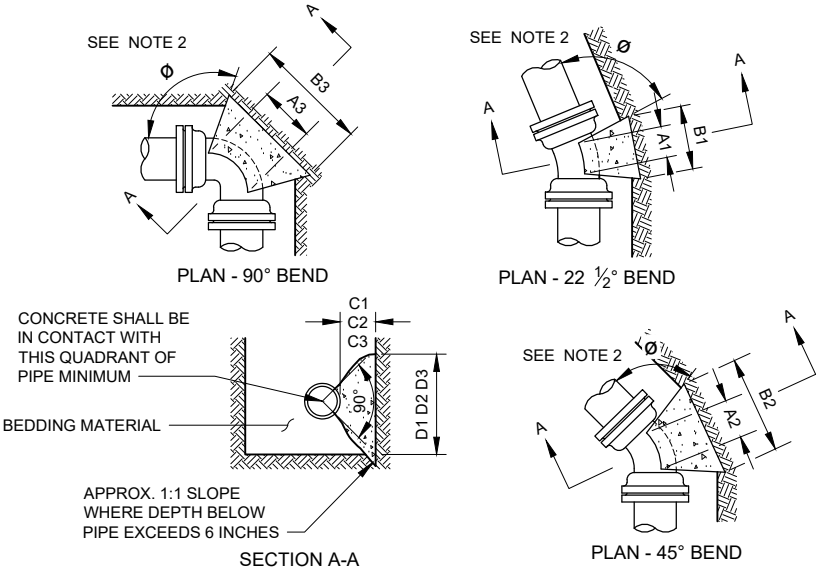
BUTTRESS FOR TEES DETAIL
NO SCALE



NOTES:

- DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø EQUAL TO OR LARGER THAN 45°.
- DIMENSION 'D' EQUALS APPROX. I.D. OF PIPE LESS 2 INCHES. THE CONCRETE SHOULD NOT INTERFERE WITH THE MECHANICAL JOINTS.
- WHERE BUTTRESSES ARE NOT POSSIBLE BECAUSE OF POOR SOIL CONDITIONS OR LACK OF ROOM, WEDGE ACTION RESTRAINING GLANDS SHALL BE PERMITTED.
- BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
- BUTTRESS TO BE POURED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
- CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
- ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
- NO WOOD BUTTRESS ALLOWED.

BUTTRESS FOR PLUGS DETAIL
NO SCALE

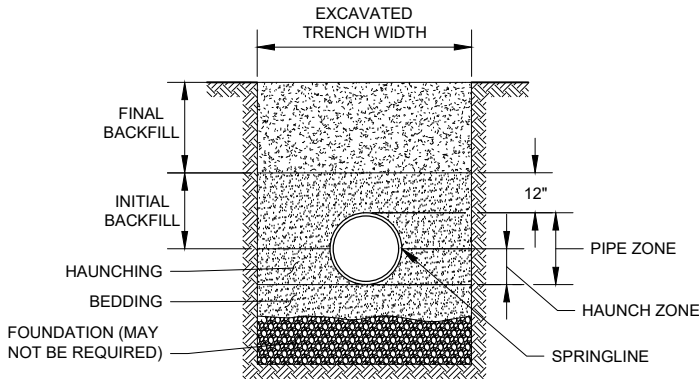


NOTES:

- DIMENSIONS IN TABLE ARE BASED ON A WATER PRESSURE OF 150 P.S.I. AND AN EARTH RESISTANCE OF 2 TONS PER SQ. FT. INFORM THE ENGINEER IF PRESSURES EXCEED 150 PSI, OR ON-SITE SOIL DOES NOT MEET THIS CONDITION.
- DIMENSION C1 C2 C3 SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø EQUAL TO OR LARGER THAN 45°.
- DIMENSION A1 A2 A3 SHOULD BE AS LARGE AS POSSIBLE WITHOUT INTERFERING WITH THE MECHANICAL JOINT.
- BUTTRESS TO BE POURED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
- ALL BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
- CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
- IN ADDITION TO BUTTRESS, ALL JOINTS SURROUNDING BENDS SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.

BUTTRESS FOR BENDS DETAIL
NO SCALE

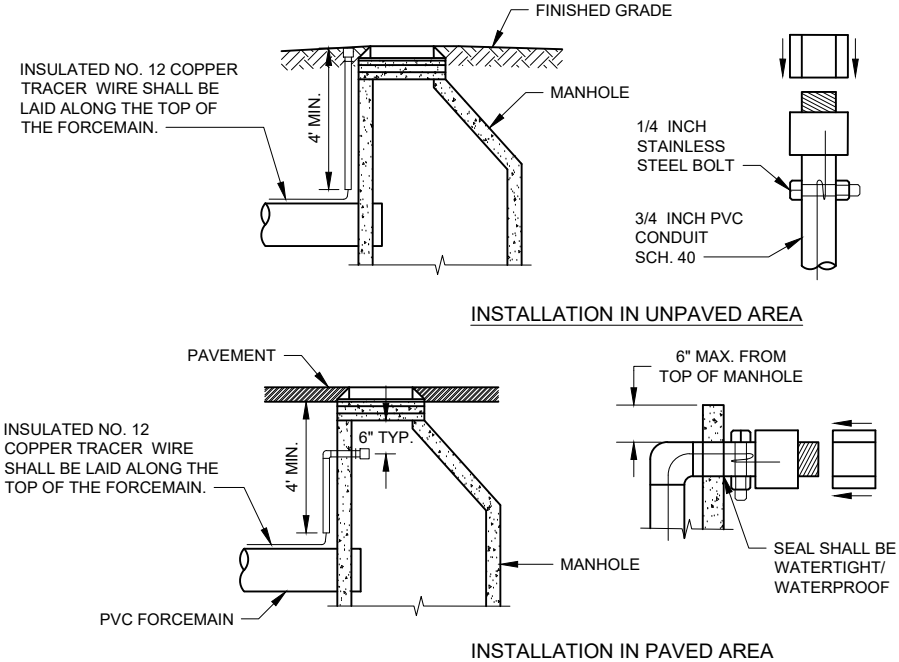
PIPE SIZE	22 1/2° BENDS		45° BENDS		90° BENDS	
	B1	D1	B2	D2	B3	D3
6"	1'-0"	1'-0"	1'-0"	1'-0"	1'-4"	1'-2"
8"	1'-0"	1'-0"	1'-4"	1'-2"	1'-10"	1'-6"
10"	1'-2"	1'-2"	1'-7"	1'-7"	2'-3"	1'-10"
12"	1'-4"	1'-4"	1'-10"	1'-10"	2'-8"	2'-3"
16"	1'-10"	1'-8"	2'-6"	2'-4"	3'-10"	2'-10"
20"	2'-4"	2'-0"	3'-3"	2'-10"	5'-0"	3'-4"
24"	2'-10"	2'-4"	4'-0"	3'-3"	6'-4"	3'-10"



GENERAL NOTES:

- DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO ASTM D2321.
- CLASS II EMBEDMENT MATERIAL SHALL BE CLEAN, COARSE-GRAINED SOILS WITH LITTLE TO NO FINES. NO PARTICLES LARGER THAN 1 1/2 -INCHES SHALL BE USED IN THE PIPE EMBEDMENT.
- WHERE HYDRAULIC GRADIENT EXISTS USE A WELL-GRADED MIXTURE TO MINIMIZE MIGRATION OF FINES FROM ADJACENT SOIL.
- CLASS II MATERIAL IS SUITABLE AS A FOUNDATION AND FOR REPLACING OVER- EXCAVATED AND UNSTABLE TRENCH BOTTOM. INSTALL AND COMPACT IN 6-INCH MAXIMUM LAYERS.
- INSTALL AND COMPACT BEDDING IN 6-INCH MAXIMUM LAYERS. LEVEL FINAL GRADE BY HAND. MINIMUM DEPTH 4 INCH (6 INCH IN ROCK CUTS.)
- INSTALL AND COMPACT HAUNCHING IN 6-INCH MAXIMUM LAYERS. WORK IN AROUND PIPE BY HAND TO PROVIDE UNIFORM SUPPORT.
- INSTALL AND COMPACT INITIAL BACKFILL TO A MINIMUM OF 12 INCHES ABOVE PIPE CROWN.
- EMBEDMENT COMPACTION:
MINIMUM DENSITY 85% STANDARD PROCTOR. USE HAND TAMPERS OR VIBRATORY COMPACTORS.

CLASS II - FLEXIBLE PIPE EMBEDMENT DETAIL
NO SCALE



GENERAL NOTES:

- THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE.
- A THREADED, FEMALE PVC SCHEDULE 40 PLUG AND MALE COUPLING GLUED TO 3/4 INCH SCHEDULE 40 SHALL BE INSTALLED IN OR ADJACENT TO THE VALVE VAULT AND MANHOLE.
- WIRE PIGTAIL SHALL BE WRAPPED AROUND BOLT AND READILY ACCESSIBLE, WITH SUFFICIENT LENGTH FOR EASY CONNECTION.

TRACER WIRE INSTALLATION FOR PVC FORCEMAIN
NO SCALE

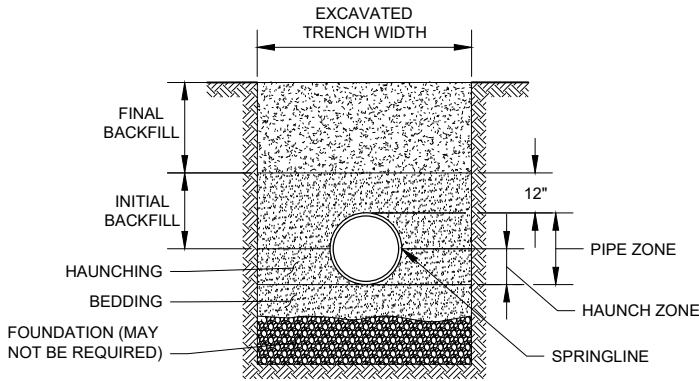


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CITY OF LAKE GENEVA, WALWORTH COUNTY, WISCONSIN

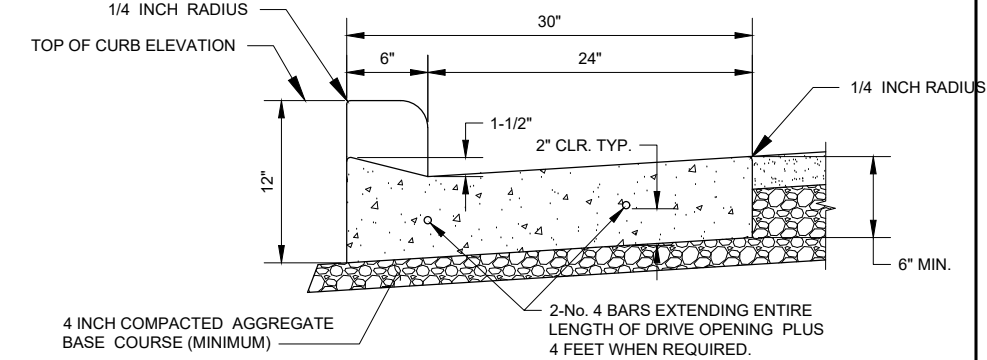
DETAILS

PROJECT NO:
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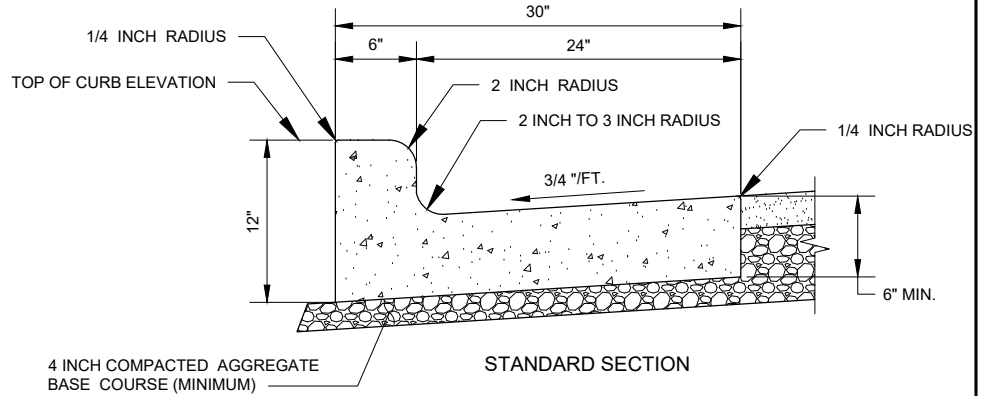


- GENERAL NOTES:
1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO ASTM D2321.
 2. CLASS II EMBEDMENT MATERIAL SHALL BE CLEAN, COARSE-GRAINED SOILS WITH LITTLE TO NO FINES. NO PARTICLES LARGER THAN 1 1/2 -INCHES SHALL BE USED IN THE PIPE EMBEDMENT.
 3. WHERE HYDRAULIC GRADIENT EXISTS USE A WELL-GRADED MIXTURE TO MINIMIZE MIGRATION OF FINES FROM ADJACENT SOIL.
 4. CLASS II MATERIAL IS SUITABLE AS A FOUNDATION AND FOR REPLACING OVER- EXCAVATED AND UNSTABLE TRENCH BOTTOM. INSTALL AND COMPACT IN 6-INCH MAXIMUM LAYERS.
 5. INSTALL AND COMPACT BEDDING IN 6-INCH MAXIMUM LAYERS. LEVEL FINAL GRADE BY HAND. MINIMUM DEPTH 4 INCH (6 INCH IN ROCK CUTS.)
 6. INSTALL AND COMPACT HAUNCHING IN 6-INCH MAXIMUM LAYERS. WORK IN AROUND PIPE BY HAND TO PROVIDE UNIFORM SUPPORT.
 7. INSTALL AND COMPACT INITIAL BACKFILL TO A MINIMUM OF 12 INCHES ABOVE PIPE CROWN.
 8. EMBEDMENT COMPACTION:
MINIMUM DENSITY 85% STANDARD PROCTOR. USE HAND TAMPERS OR VIBRATORY COMPACTORS.

CLASS II - FLEXIBLE PIPE EMBEDMENT DETAIL
NO SCALE

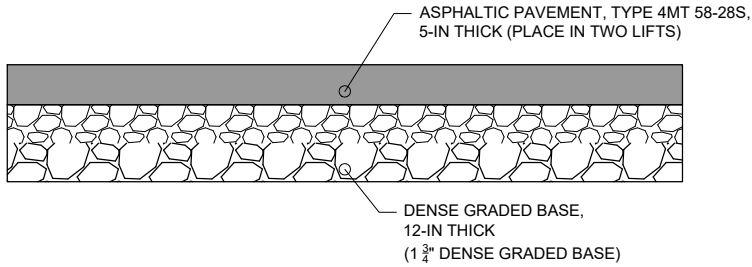


DRIVEWAY SECTION

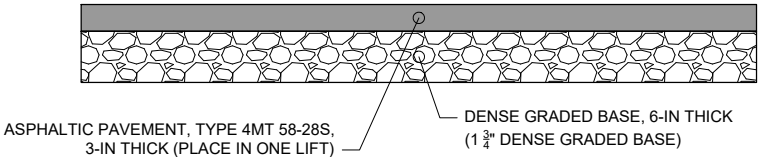


STANDARD SECTION

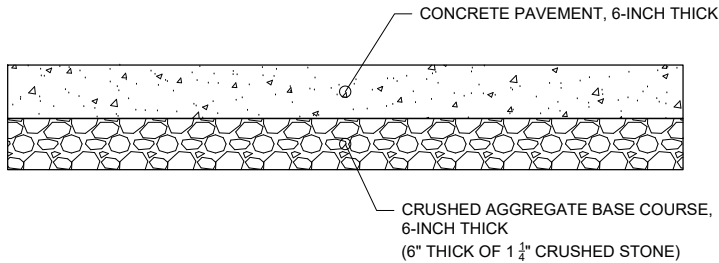
CONCRETE CURB AND GUTTER, 30-INCH W/ 4-INCH BASE
NO SCALE



ASPHALTIC ROADWAY PATCH (5-IN THICK)
NO SCALE



ASPHALTIC DRIVEWAY PATCH (3-IN THICK)
NO SCALE



CONCRETE DRIVEWAY APRON, 6-INCH THICK WITH 6-INCH BASE
NO SCALE

GENERAL NOTE:
IF RPR AND CITY APPROVE, EXISTING ROAD BASE MAY BE SALVAGED. SALVAGING OF ROAD BASE, IF COMPLETED, IS CONSIDERED INCLUSIVE.

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	CHECKED BY: AZ	-	-	-	-
PLOT DATE: 5/16/2024 4:59 PM, G:\07\07815\07815012\CADD\Construction Documents\07815012 G Sheets.dwg					

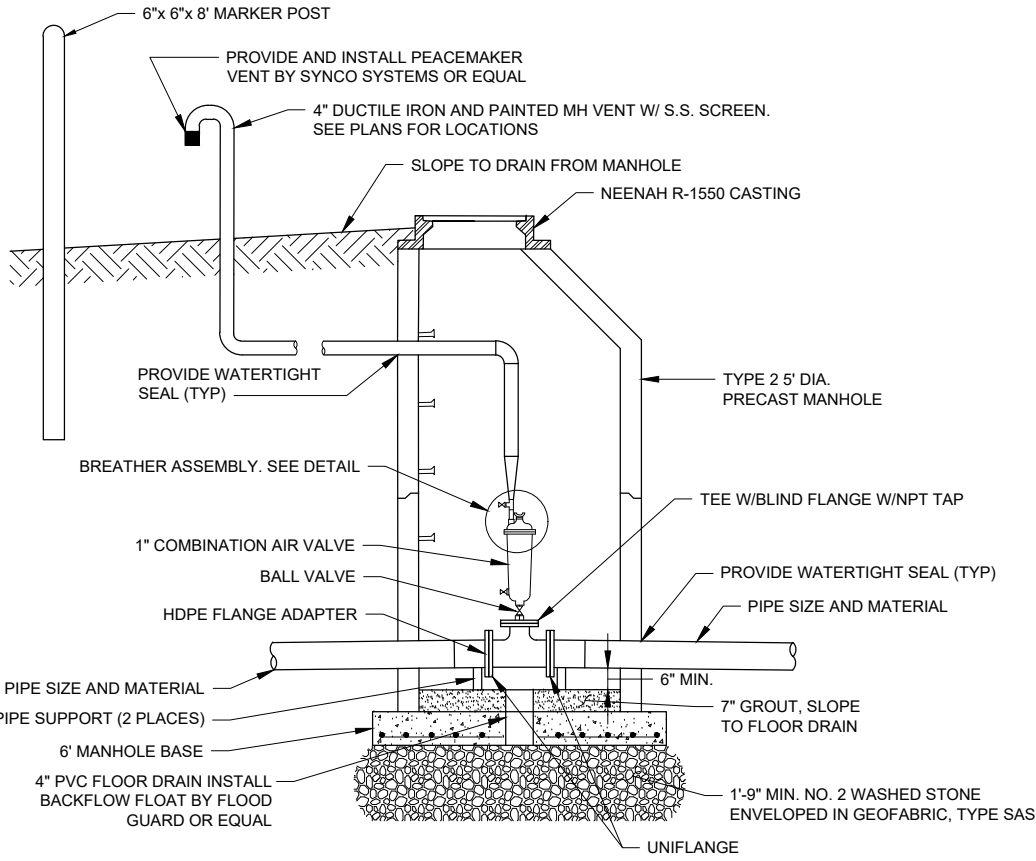


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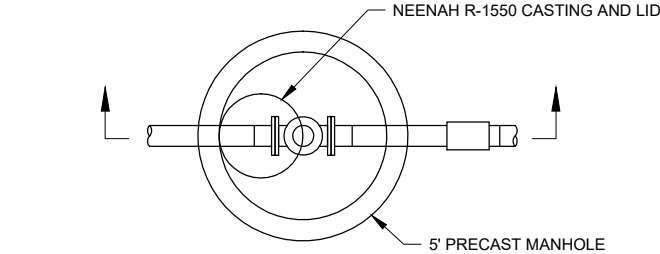
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LAKE GENEVA UTILITIES (LGU)
CITY OF LAKE GENEVA, WALWORTH COUNTY, WISCONSIN

DETAILS

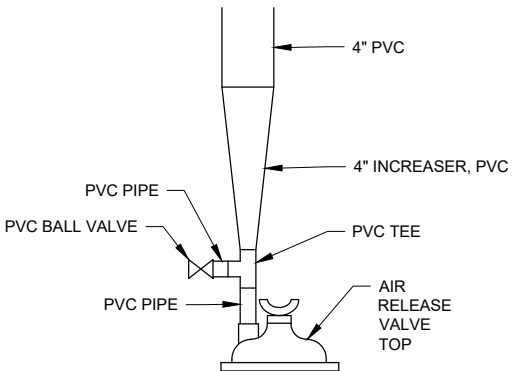
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G7



AIR RELEASE MANHOLE
NO SCALE

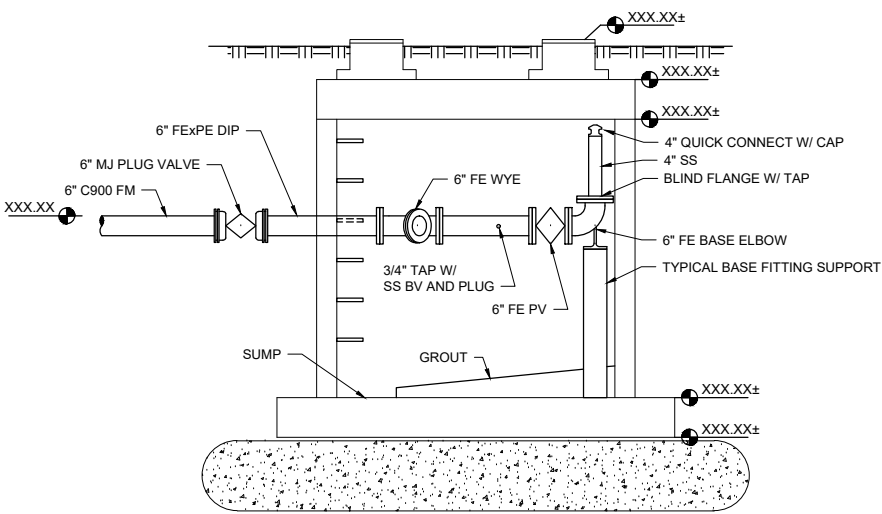


PLAN - AIR VALVE MANHOLE

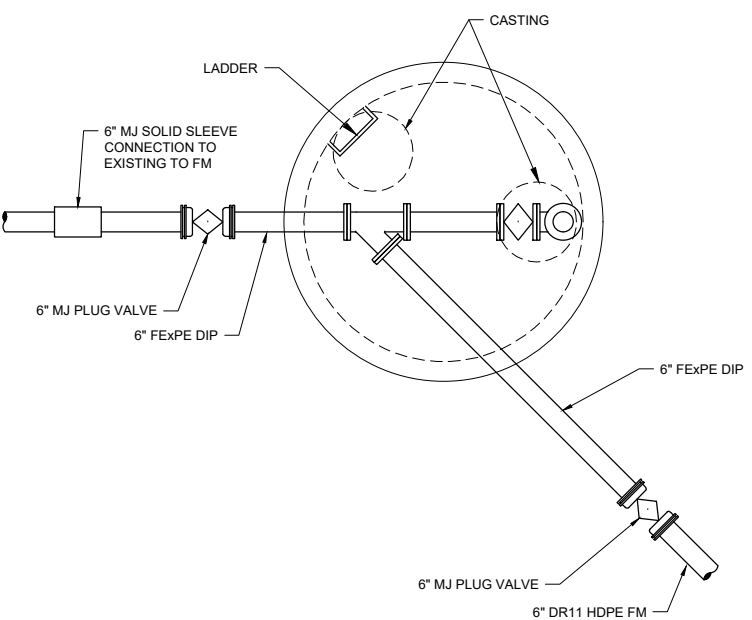


BREATHER ASSEMBLY

NOTE:
THE PIPE, BALL VALVE AND INCREASER SHALL MATCH THE OUTLET DIAMETER FROM THE PROPOSED AIR RELEASE VALVE.



BYPASS MANHOLE STRUCTURE
NTS



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	CHECKED BY:	AZ			

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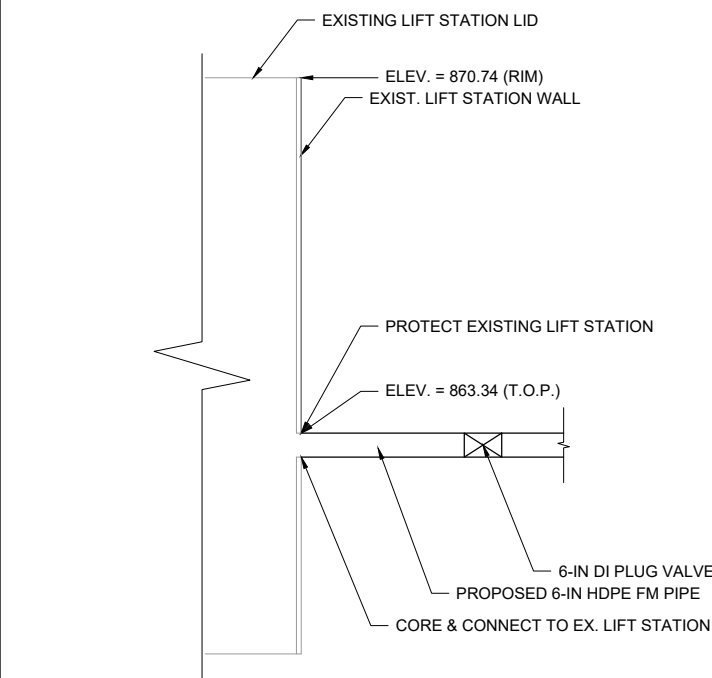
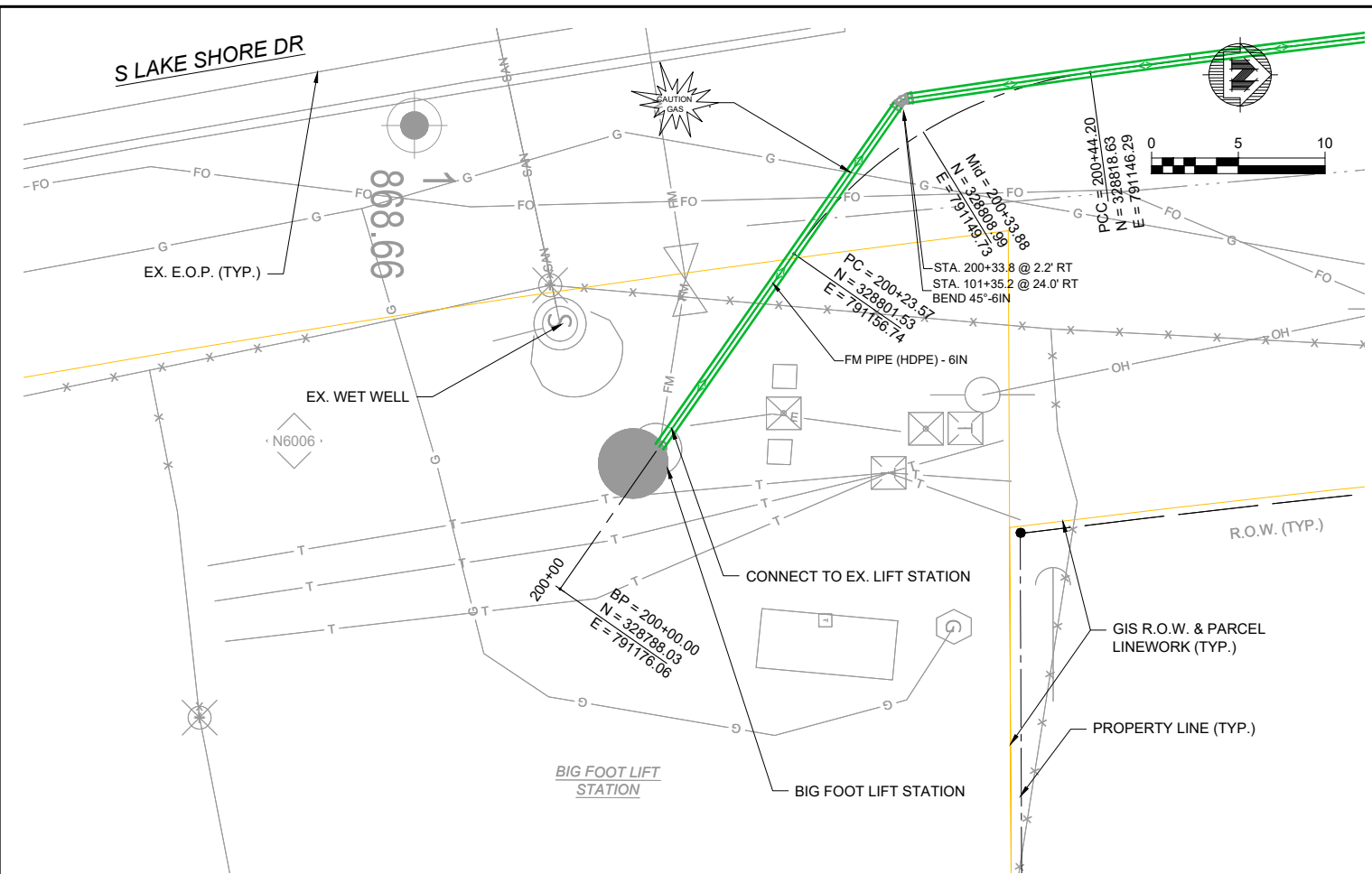
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CITY OF LAKE GENEVA, WALWORTH COUNTY, WISCONSIN

DETAILS

PROJECT NO:
07815012

SHEET
G8



NOTES:
1. BYPASS PUMPING DURING FORCE MAIN CONNECTION TO LIFT STATION WILL BE REQUIRED. CONTRACTOR TO SUBMIT BYPASS PUMPING PLAN FOR REVIEW BY LAKE GENEVA UTILITIES AND ENGINEER.

CONNECT TO EXISTING SANTIARY SEWER (BIG FOOT LIFT STATION)
NTS

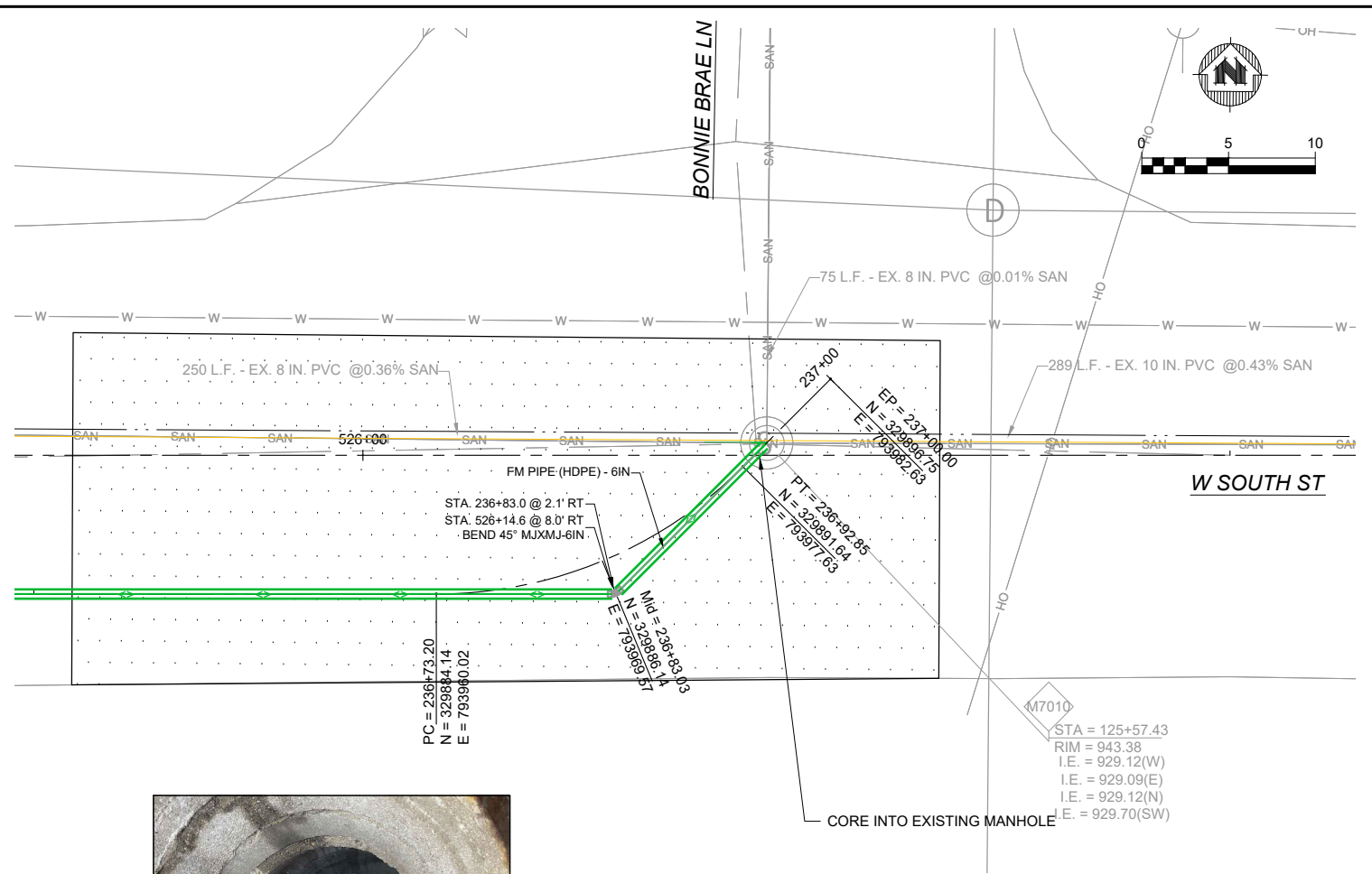
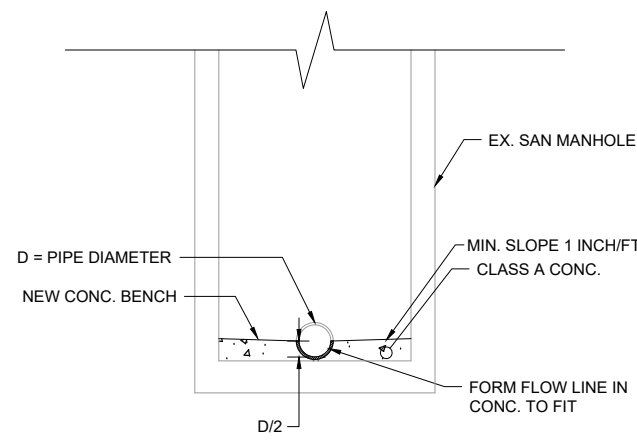
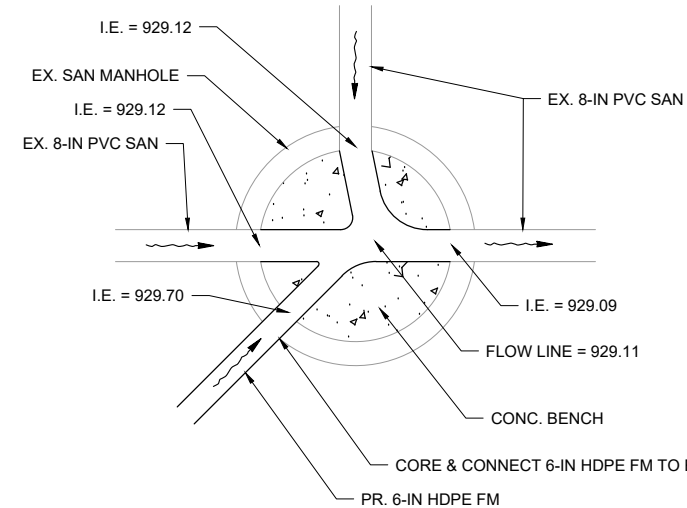


PHOTO OF EX. MH M7010



TYP. SECTION OF BENCH AT PIPE CONNECTION



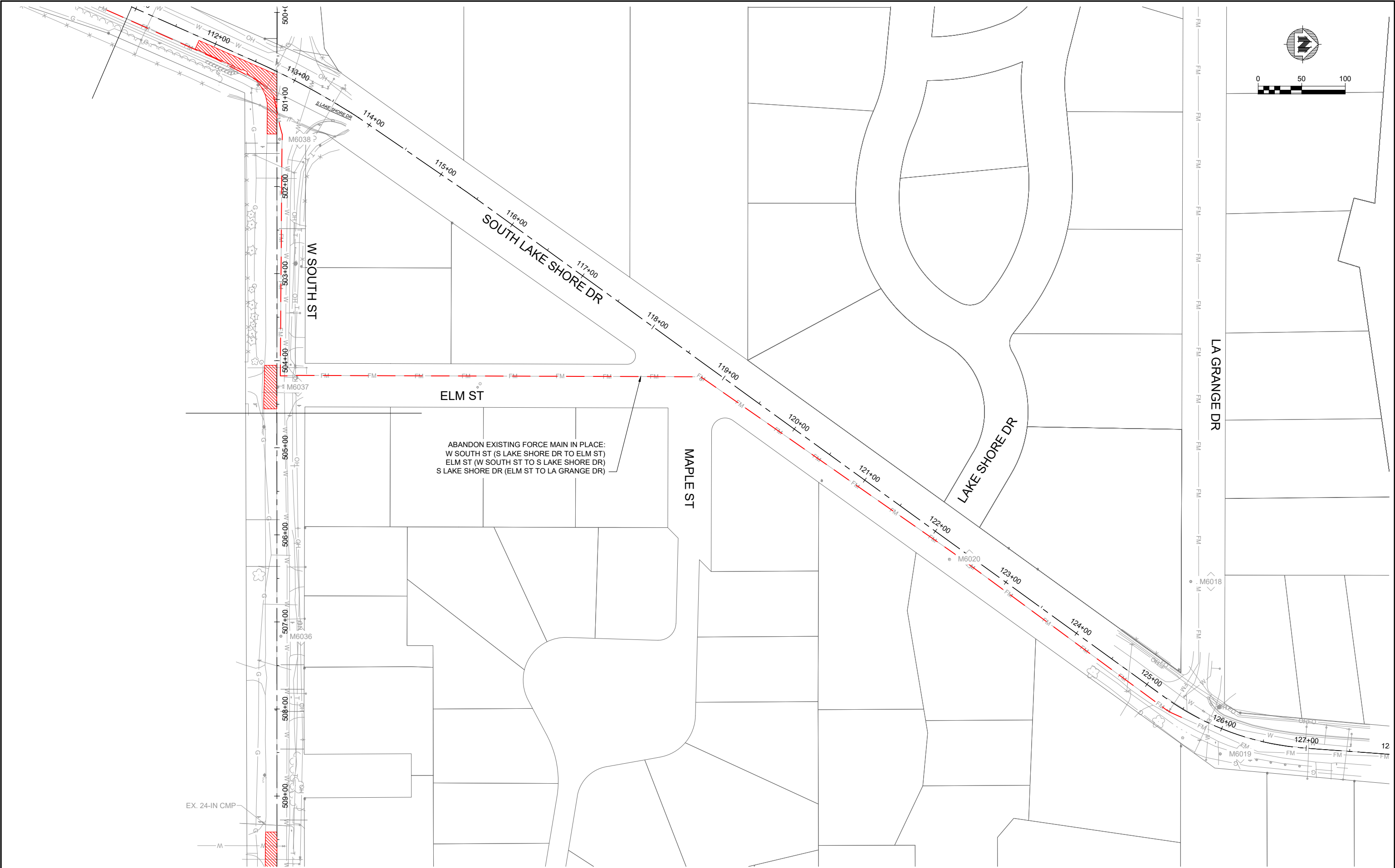
PLAN VIEW

NOTES:
1. REMOVE EXISTING BENCH IN MH M7010.
2. INSTALL NEW BENCH IN MH CONNECTING EXISTING 8-IN PIPES AND NEW 6-IN FM PIPE.

CONNECT TO EXISTING SANTIARY SEWER (M7010)
NTS

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	CHECKED BY:	AZ			

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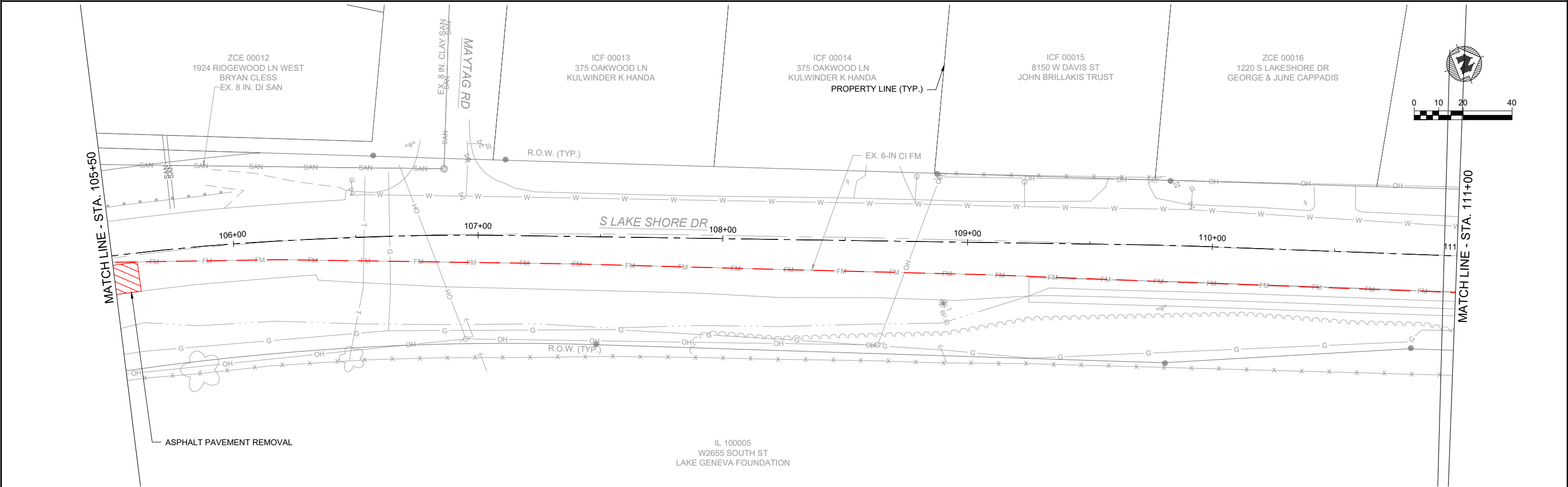
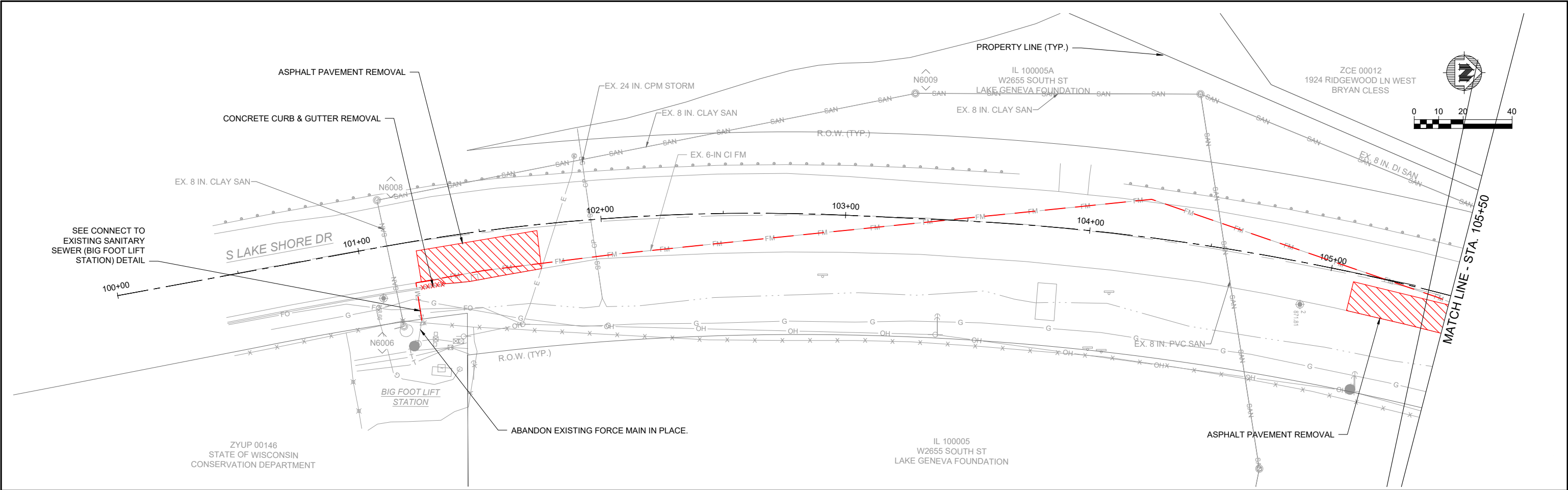
DEMOLITION PLAN - EX. FORCE MAIN ABANDONMENT

PROJECT NO:

07815012

SHEET

DM1



PROJECT DATE:	NO.	DATE	REVISION	BY
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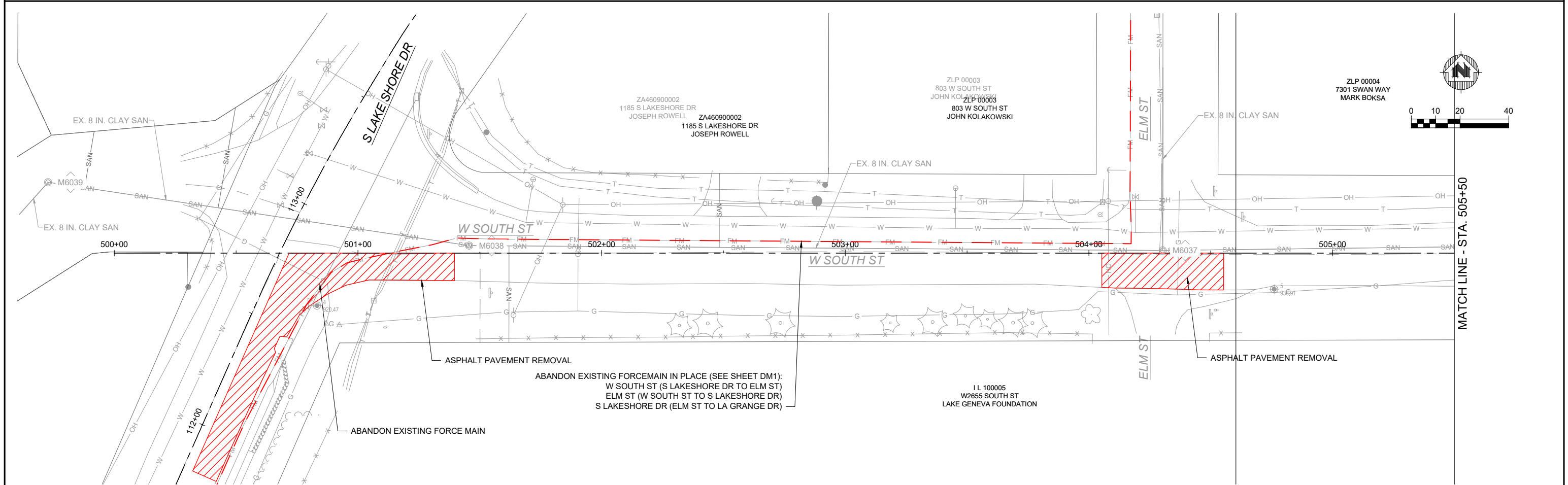
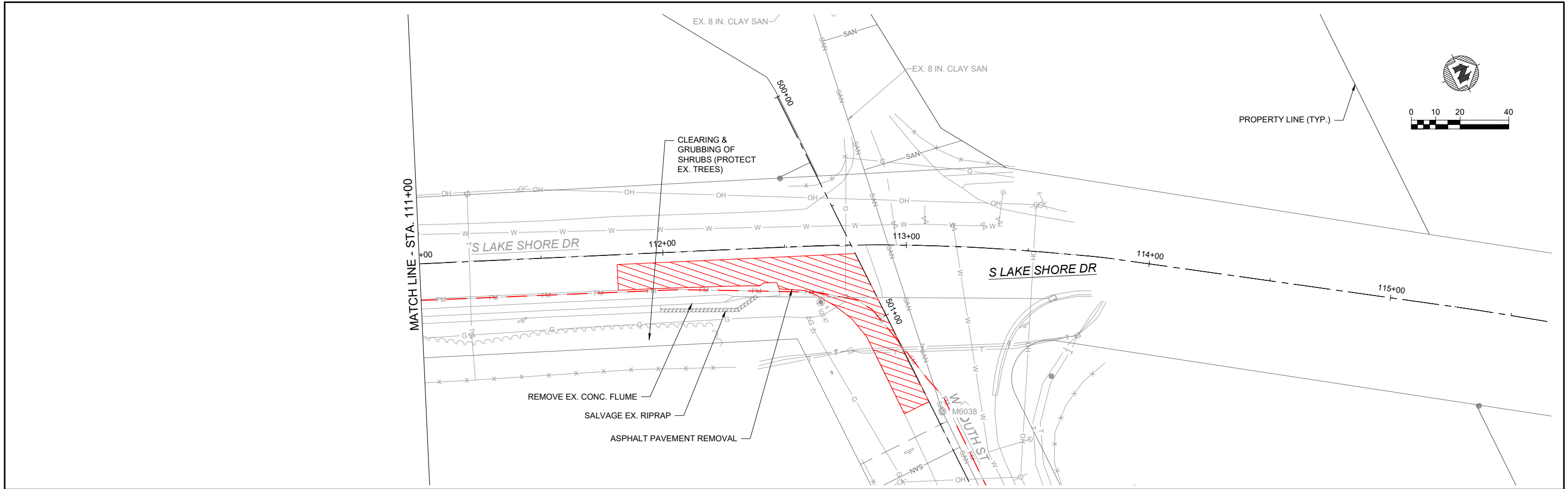


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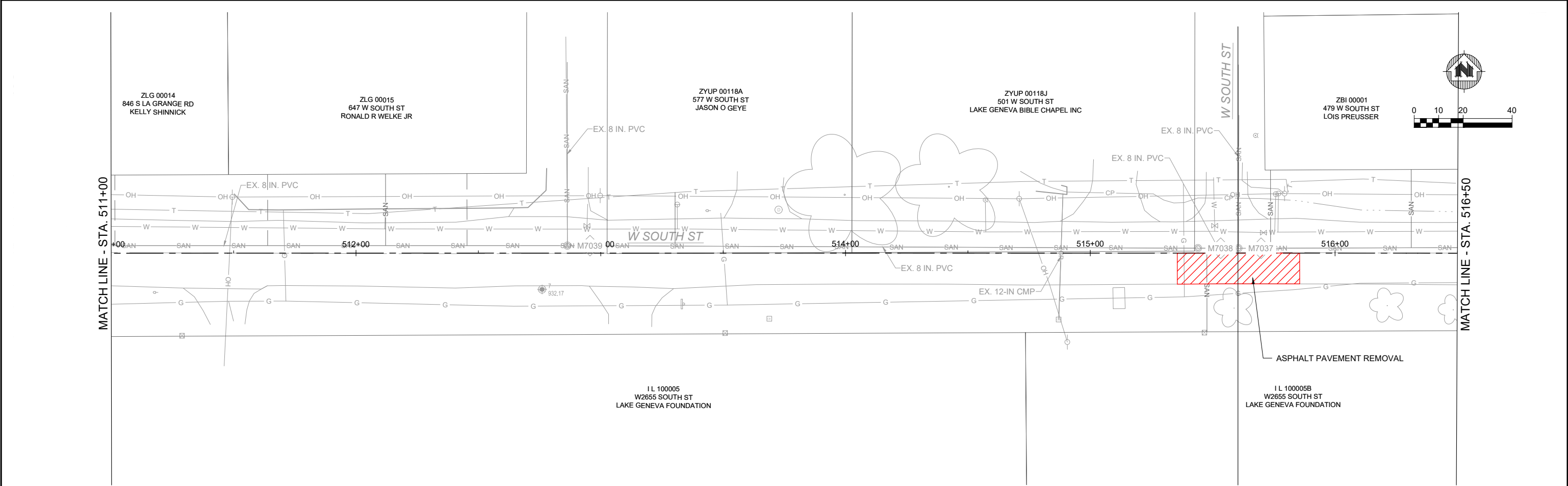
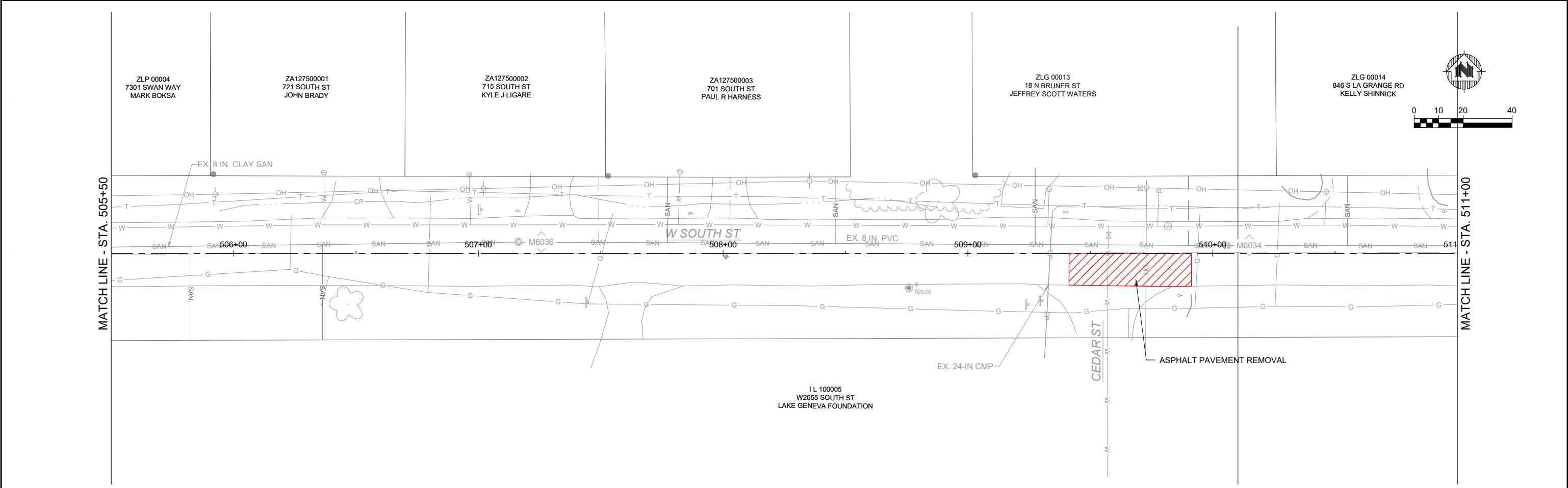
DEMOLITION PLAN - S LAKE SHORE DR

PROJECT NO:
07815012
SHEET
DM2



PROJECT DATE: .	DRAWN BY: AJM	NO. 1	DATE 05/16/2024	REVISION 60% PROGRESS SUBMITTAL	BY AJM
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	CHECKED BY: AZ	-	-	-	-
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PROJECT DATE:	DRAWN BY:	NO.	DATE	REVISION	BY
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	DESIGNED BY:	TKM			
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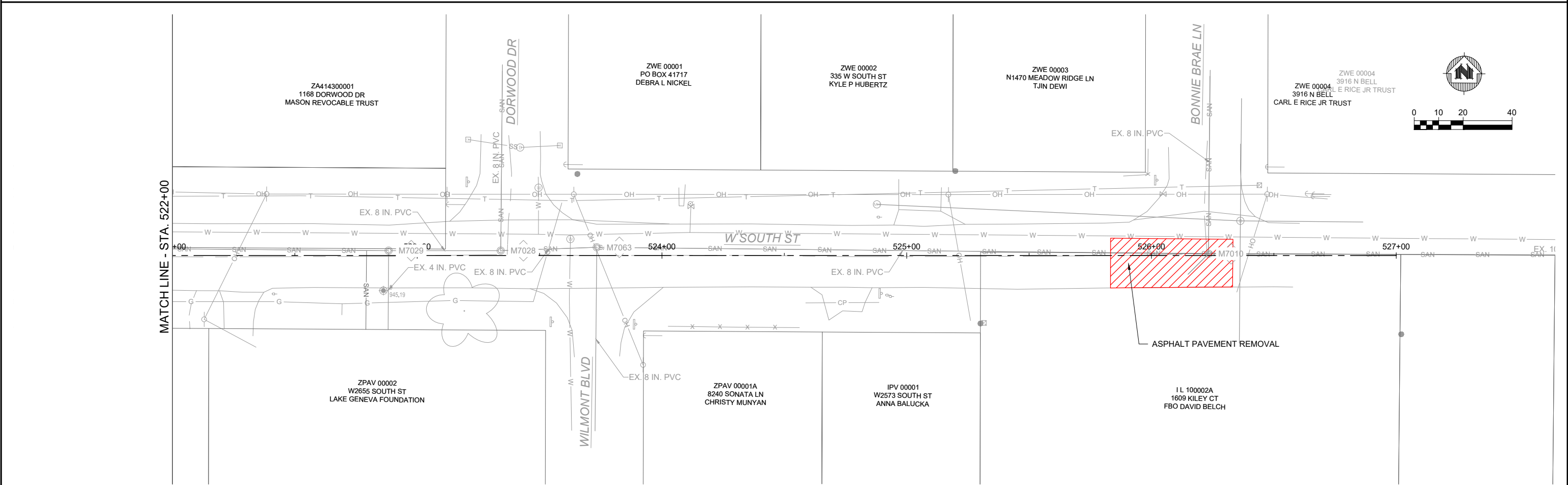
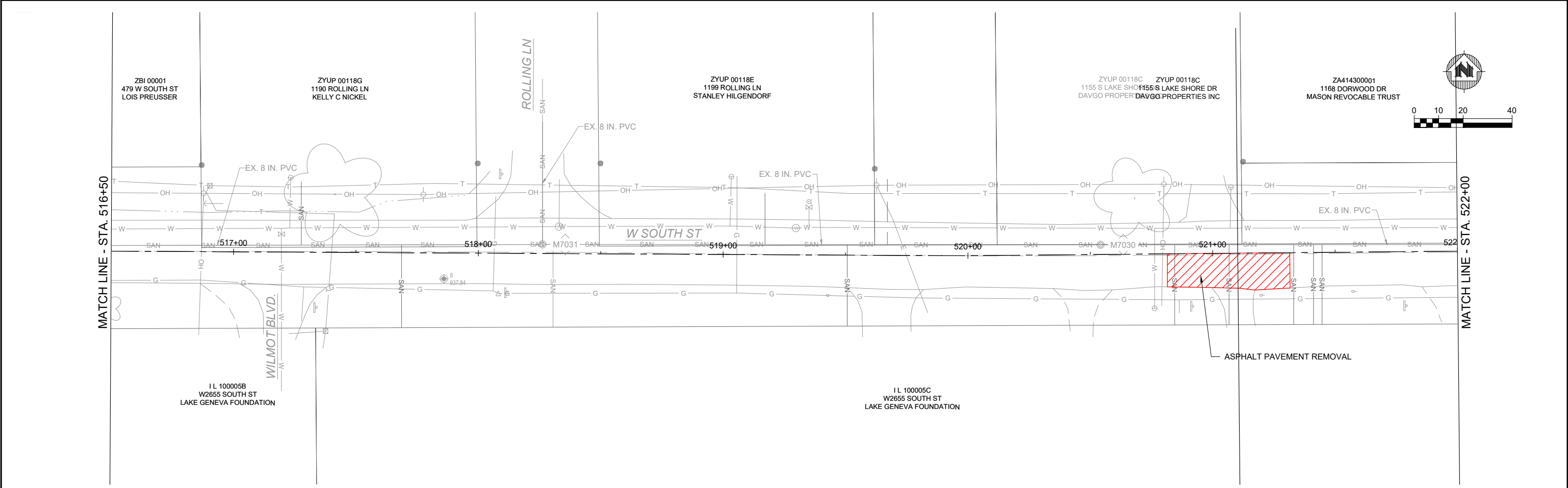
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DEMOLITION PLAN - W SOUTH ST

PROJECT NO:
07815012

SHEET
DM4



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	DESIGNED BY:	TKM			
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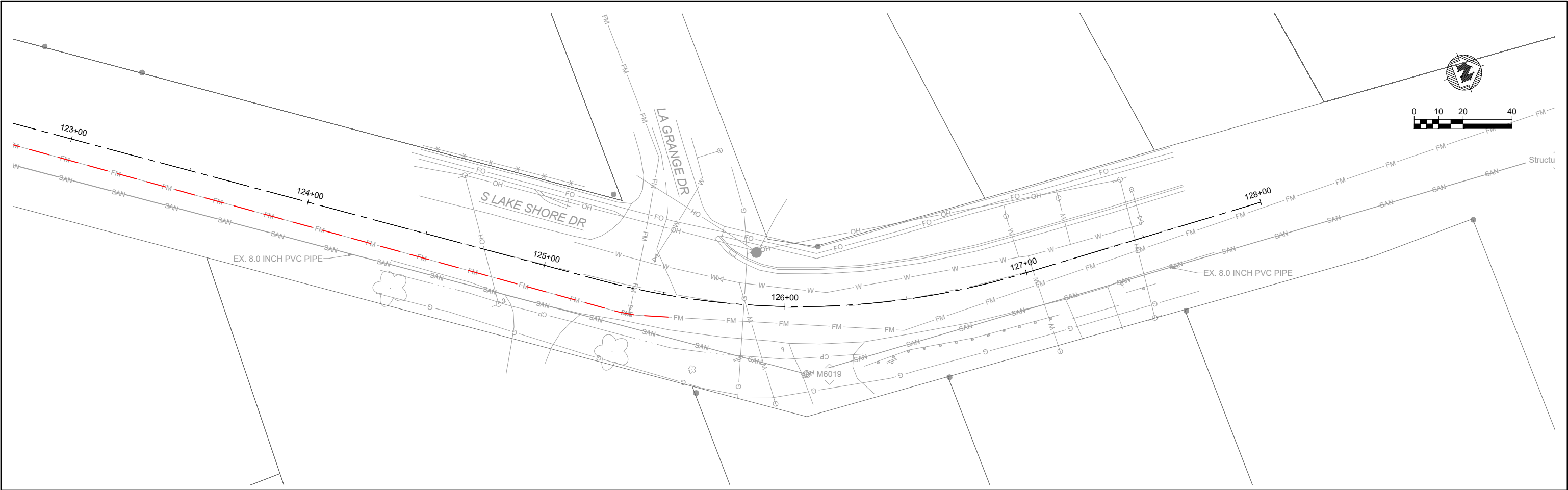


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DEMOLITION PLAN - W SOUTH ST

PROJECT NO:
07815012
SHEET
DM5



PROJECT DATE:	DRAWN BY:	NO.	DATE	REVISION	BY
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	DESIGNED BY: TKM	-	-	-	-
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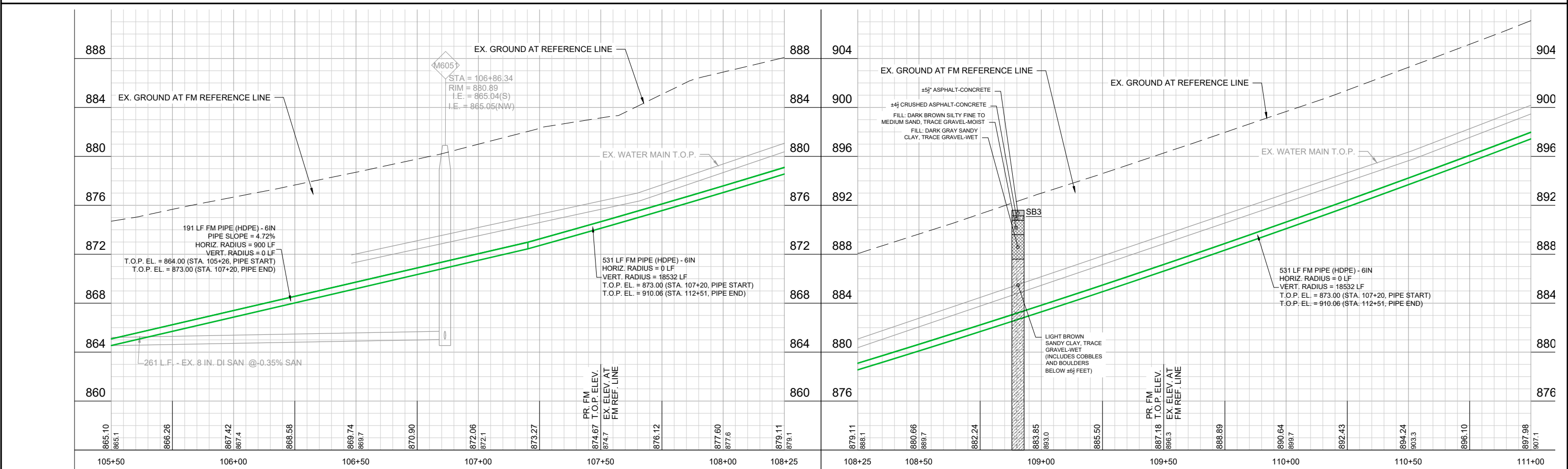
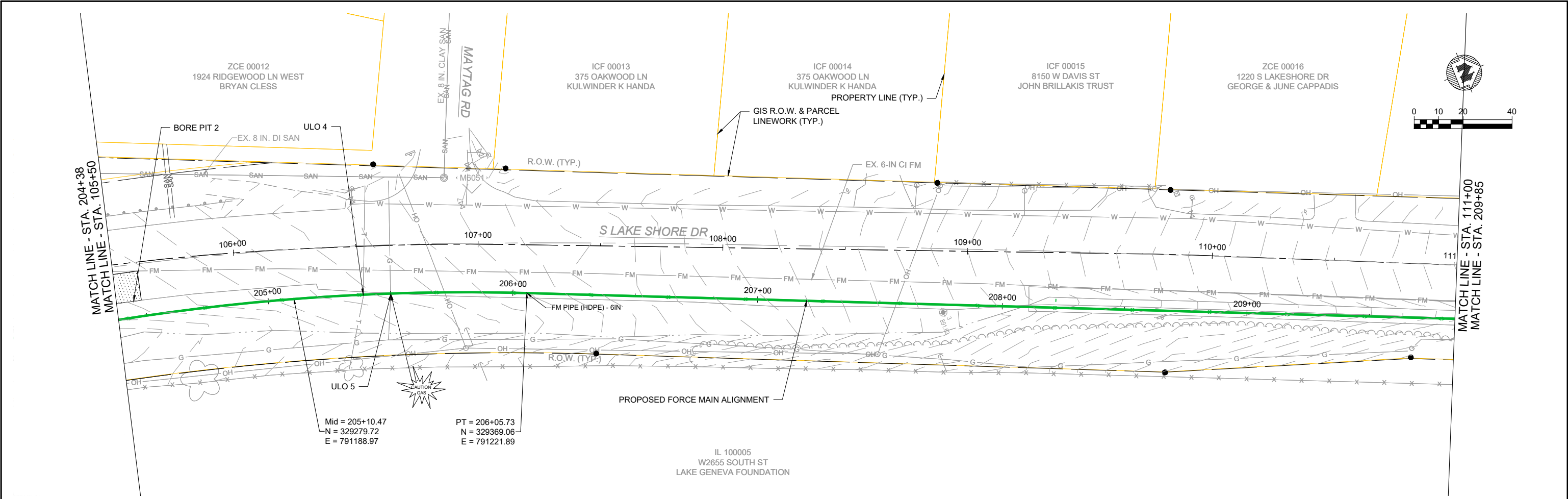


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CITY OF LAKE GENEVA, WALWORTH COUNTY, WISCONSIN

DEMOLITION PLAN - W SOUTH ST & S LAKE SHORE DR AT LA
GRANGE DR

PROJECT NO:
07815012
SHEET
DM6

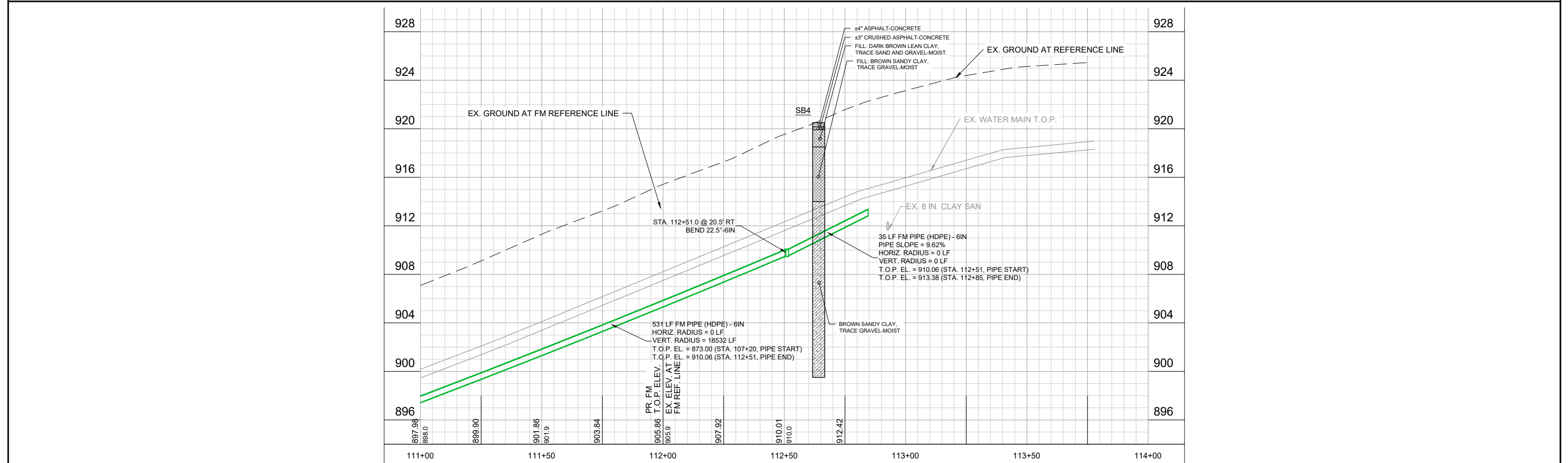
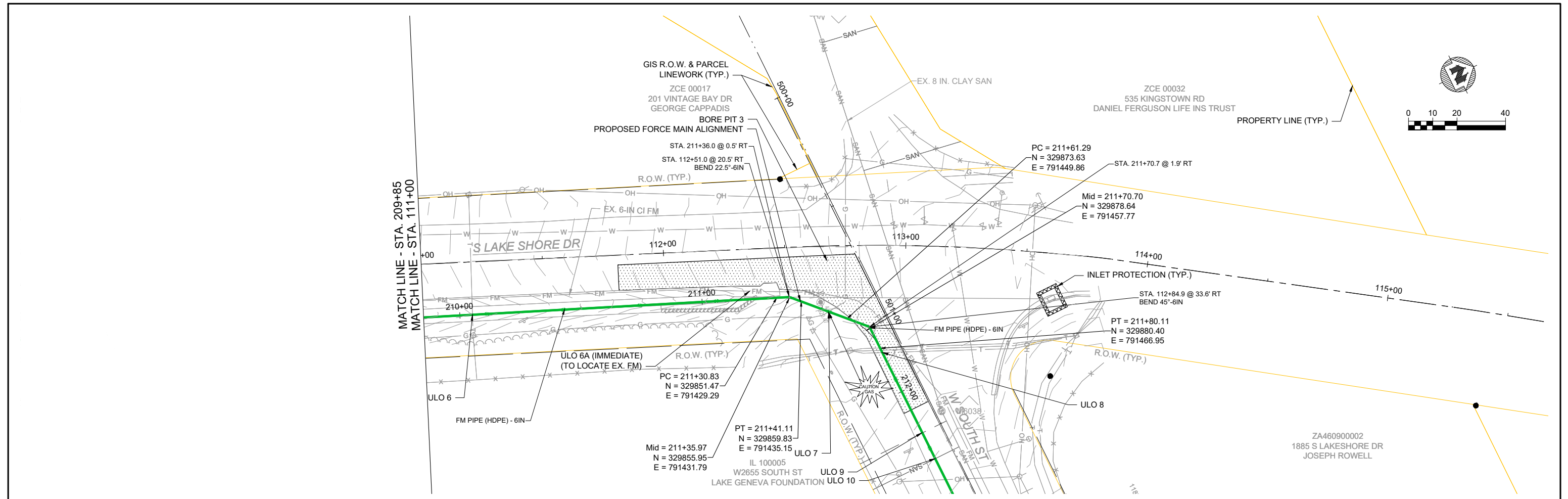


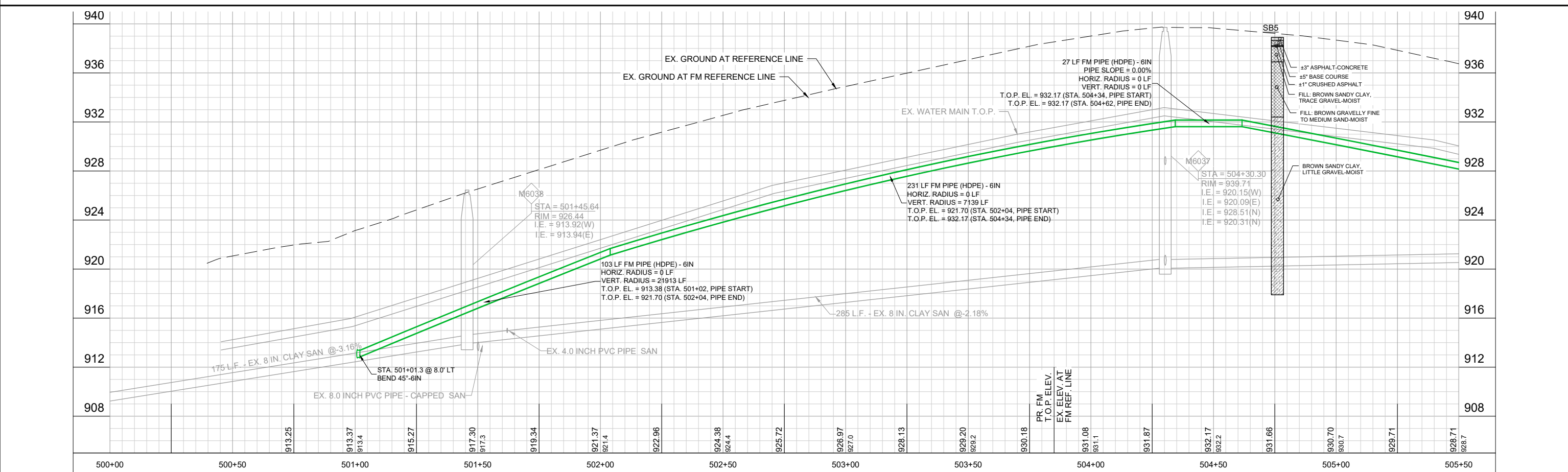
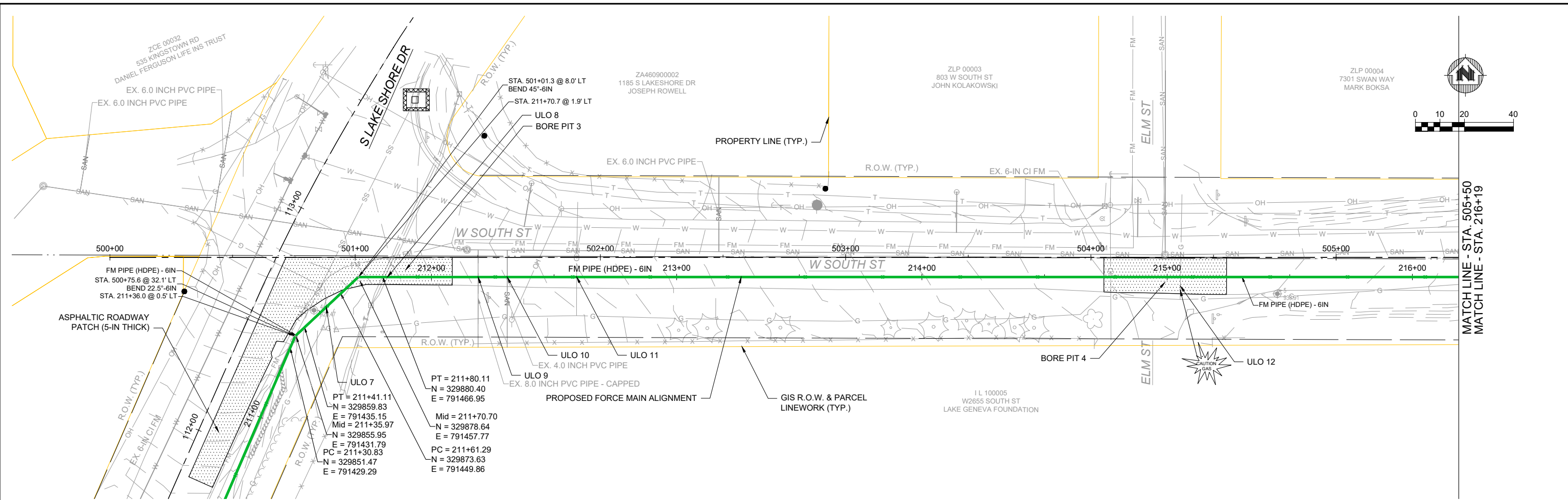
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FUNDING | PLANNING | ENVIRONMENTAL
220 E Buffalo Street, Milwaukee WI 53202
(414) 296-4333 www.msa-ps.com
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BIG FOOT FORCE MAIN REPLACEMENT
LAKE GENEVA UTILITIES (LGU)
CITY OF LAKE GENEVA, WALWORTH COUNTY, WISCONSIN

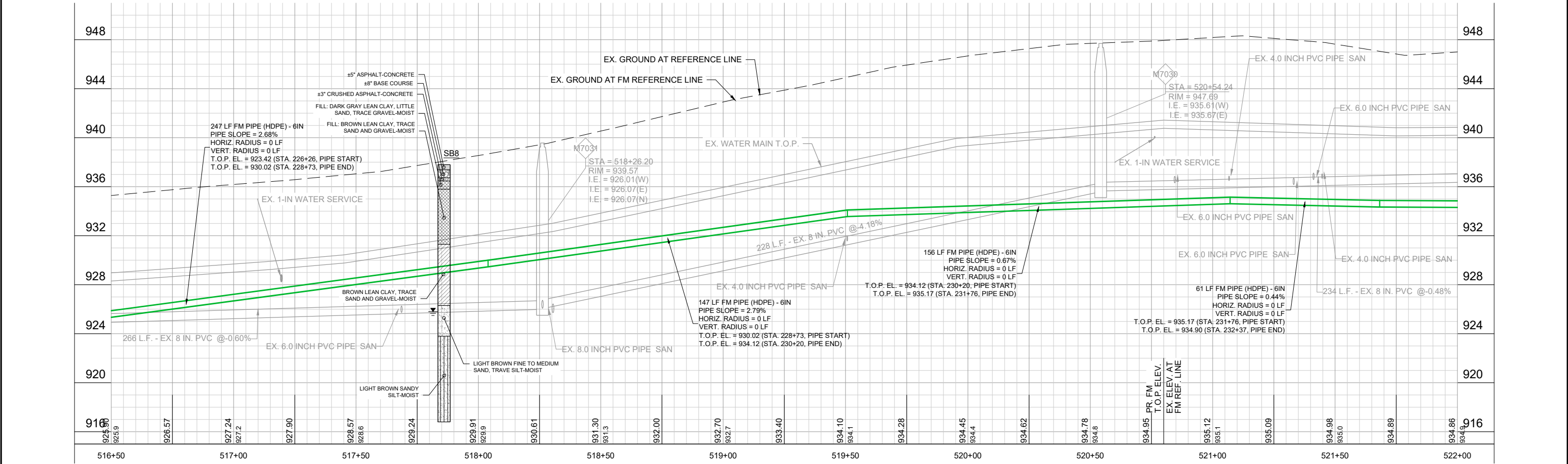
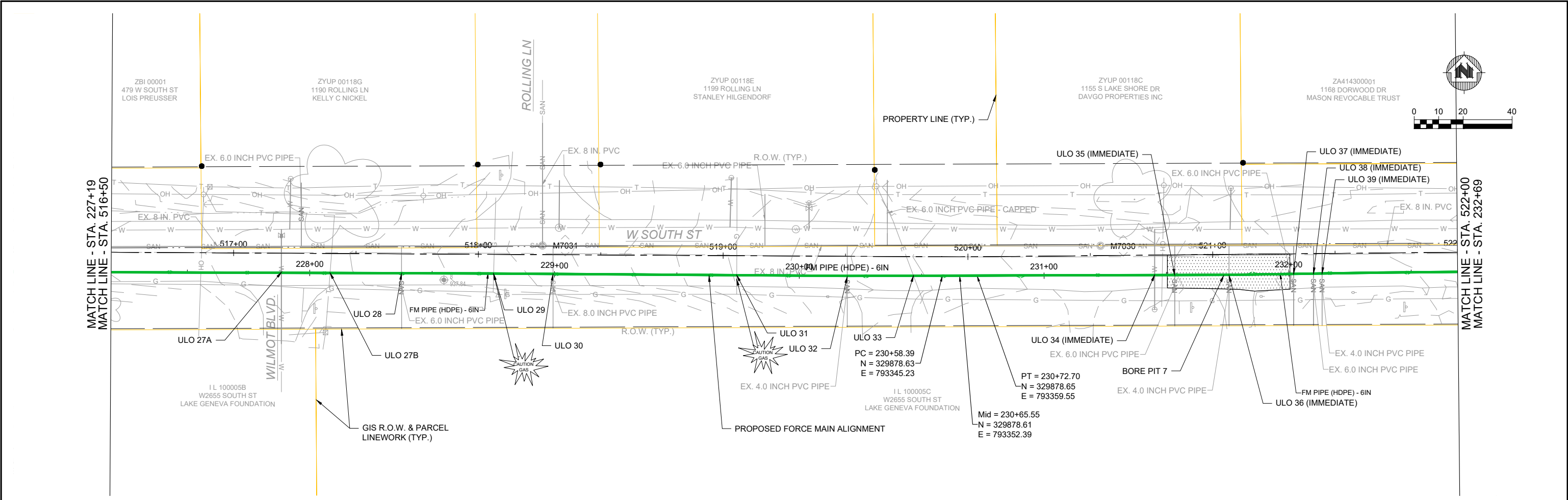
PLAN & PROFILE - S LAKE SHORE DR
PROJECT NO: 07815012
SHEET PP2

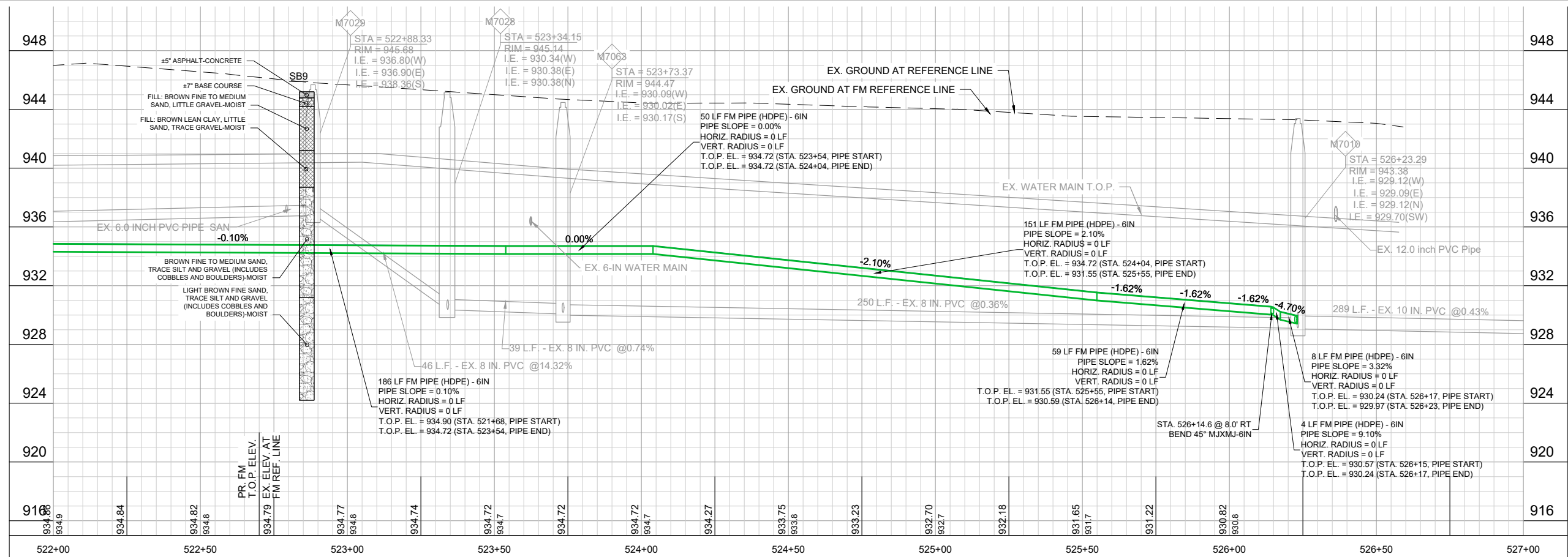
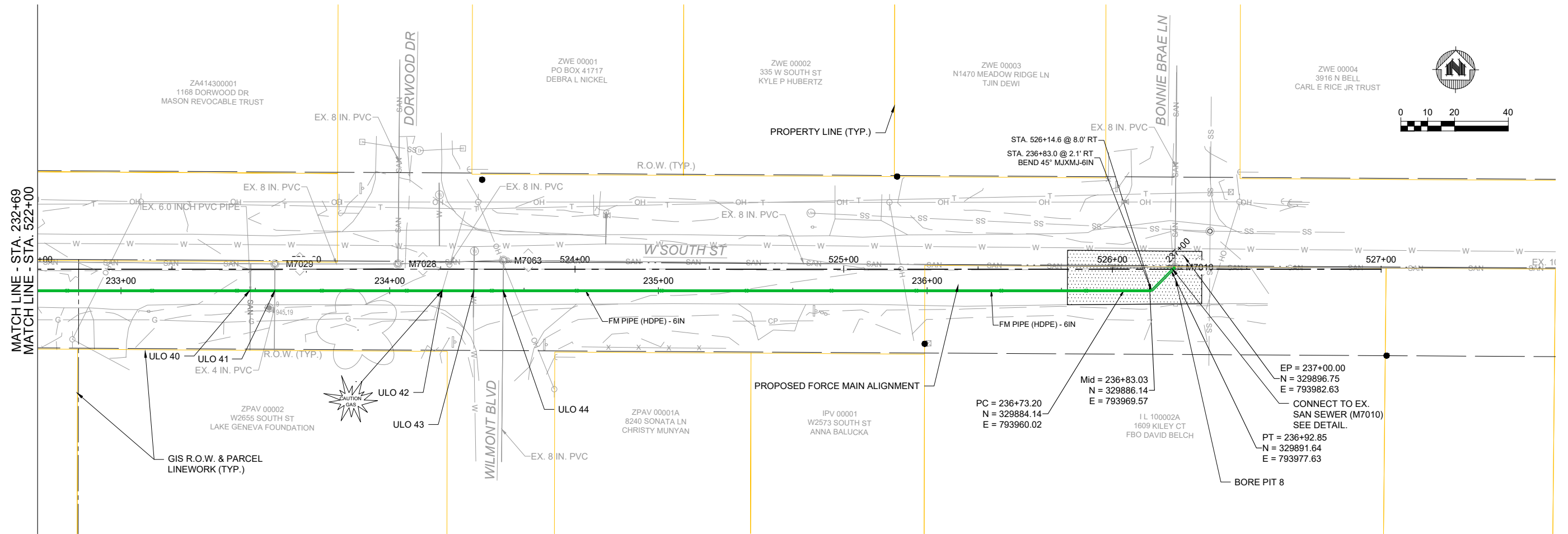




		NO.		DATE		REVISION		BY	
PROJECT DATE: .		DRAWN BY: AJM		1		05/16/2024		60% PROGRESS SUBMITTAL	
		DESIGNED BY: TKM		.		.		.	
		CHECKED BY: AZ		.		.		.	
PLOT DATE: 5/16/2024 5:00 PM, G:\07\07815\07815012\CADD\Construction Documents\07815012 Plan & Profile Sheets - W South St.dwg									

	ENGINEERING ARCHITECTURE SURVEYING		BIG FOOT FORCE MAIN REPLACEMENT		PROJECT NO.	
	FUNDING PLANNING ENVIRONMENTAL		LAKE GENEVA UTILITIES (LGU)		07815012	
	220 E Buffalo Street, Milwaukee WI 53202		CITY OF LAKE GENEVA, WALWORTH COUNTY, WISCONSIN		SHEET	
© MSA Professional Services, Inc.				PP4		





PROJECT DATE:	DRAWN BY:	NO.	DATE	REVISION	BY:
5/16/2024	AJM	1	05/16/2024	60% PROGRESS SUBMITTAL	AJM
	DESIGNED BY:	TKM			
	CHECKED BY:	AZ			

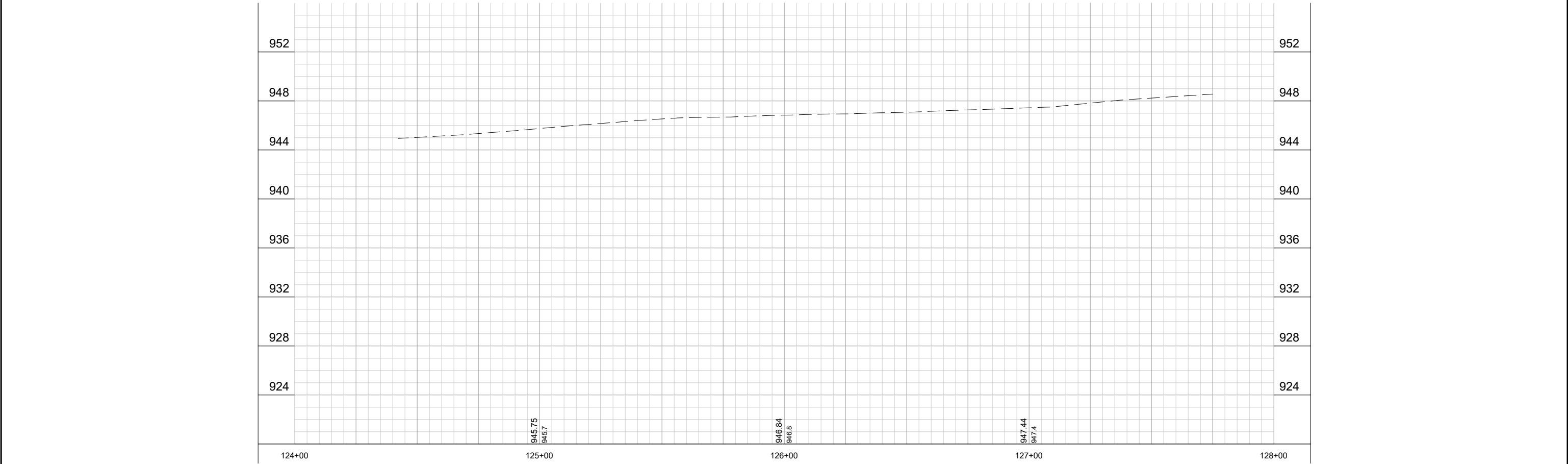
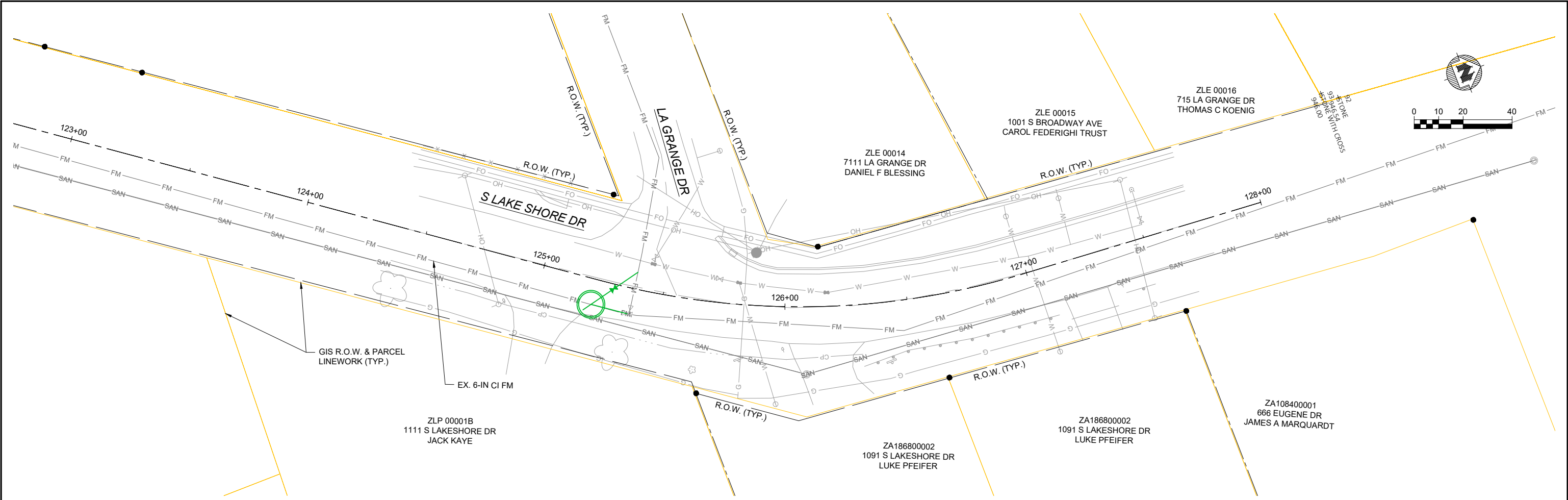


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BIG FOOT FORCE MAIN REPLACEMENT
LAKE GENEVA UTILITIES (LGU)
CITY OF LAKE GENEVA, WALWORTH COUNTY, WISCONSIN

PLAN & PROFILE - W SOUTH ST

PROJECT NO:
07815012
SHEET
PP8



BIG FOOT FORCE MAIN REPLACEMENT
ENGINEER'S ESTIMATE OF PROBABLE COSTS
LAKE GENEVA UTILITLY COMMISSION / CITY OF LAKE GENEVA, WALWORTH COUNTY, WISCONSIN

ITEM NO.	ITEM DESCRIPTION	EST. QTY	UNITS	UNIT PRICE	TOTAL PRICE
GENERAL					
1	Mobilization, Bonds & Insurance	1	LS	\$ 20,000.00	\$ 20,000.00
2	Traffic Control	1	LS	\$ 15,000.00	\$ 15,000.00
3	Erosion Control	1	LS	\$ 3,000.00	\$ 3,000.00
4	Utility Line Opening (ULO)	50	EA	\$ 800.00	\$ 40,000.00
5	Dewatering	1	LS	\$ 32,410.00	\$ 32,410.00
DEMOLITION					
6	Clearing & Grubbing	1	LS	\$ 1,000.00	\$ 1,000.00
7	Concrete Curb & Gutter Removal	30	LF	\$ 8.00	\$ 240.00
8	Concrete Drainage Flume Removal	80	LF	\$ 12.00	\$ 960.00
9	Asphalt Pavement Removal	1,010	SY	\$ 5.00	\$ 5,050.00
10	Asphalt Driveway Removal	135	SY	\$ 5.00	\$ 675.00
11	Remove & Reinstall Storm Pipe	40	LF	\$ 500.00	\$ 20,000.00
STREETS					
12	Concrete Curb & Gutter, 30-Inch	30	LF	\$ 55.00	\$ 1,650.00
13	Concrete Drainage Flume	80	LF	\$ 70.00	\$ 5,600.00
14	Asphaltic Pavement, 5-Inch Thick (Type 4MT 58-28S)	1,010	SY	\$ 24.00	\$ 24,240.00
15	Asphaltic Pavement, 3-Inch Thick (Type 4MT 58-28S)	135	SY	\$ 16.00	\$ 2,160.00
16	Dense Graded Base	720	TON	\$ 20.00	\$ 14,400.00
17	Pavement Marking, Epoxy, 6-Inch Yellow	600	LF	\$ 9.00	\$ 5,400.00
SANITARY SEWER					
18	6-Inch DR11 HDPE Force Main	3,700	LF	\$ 120.00	\$ 444,000.00
19	6-Inch 45-Degree Ductile Iron Bend	5	EA	\$ 600.00	\$ 3,000.00
20	6-Inch 22.5-Degree Ductile Iron Bend	1	EA	\$ 600.00	\$ 600.00
21	6-Inch Ductile Iron Plug Valve	3	EA	\$ 1,000.00	\$ 3,000.00
22	Connect to Existing Sanitary Sewer (Big Foot Lift Station)	1	LS	\$ 6,000.00	\$ 6,000.00
23	Connect to Existing Sanitary Sewer (M7010)	1	LS	\$ 4,000.00	\$ 4,000.00
24	Connect to Existing Sanitary Sewer (La Grange Dr)	1	LS	\$ 1,500.00	\$ 1,500.00
25	Air Release Manhole Structure, Complete (60-Inch)	2	EA	\$ 13,000.00	\$ 26,000.00
26	Air Release Valve Assembly, Complete (6-Inch)	2	EA	\$ 9,000.00	\$ 18,000.00
27	Sanitary Sewer Bypass Manhole	1	EA	\$ 15,000.00	\$ 15,000.00
28	Trench Backfill, Force Main	520	TF	\$ 125.00	\$ 65,000.00
29	Abandon Existing Force Main	1	LS	\$ 2,500.00	\$ 2,500.00
30	Insulation, 2-Inch Thick	32	SF	\$ 8.00	\$ 256.00
31	Bypass Pumping	1	LS	\$ 5,000.00	\$ 5,000.00
RESTORATION					
32	Salvage Topsoil, Seed, Fertilize, Mulch	540	SY	\$ 2.50	\$ 1,350.00
	<i>SUBTOTAL: Items #1-#32</i>				\$ 786,991.00
	<i>CONTINGENCY</i>			15%	\$ 118,048.65
	TOTAL (INCLUDES CONTINGENCY)				\$ 905,039.65
BID ALTERNATE A					
18	6-Inch DR11 HDPE Force Main (subtract this cost)	3,700	LF	\$ 120.00	\$ (444,000.00)
33	6-Inch C900 PVC Force Main (add this cost)	3,700	LF	\$ 115.00	\$ 425,500.00
	<i>SUBTOTAL: Difference between Items #18 & #33</i>				\$ (18,500.00)
	<i>CONTINGENCY</i>			15%	\$ 2,775.00
	TOTAL (INCLUDES CONTINGENCY)				\$ (15,725.00)



Professional Services Agreement

MSA Project Number: R07815013

This AGREEMENT (Agreement) is made effective Date of Issuance by and between

MSA PROFESSIONAL SERVICES, INC (MSA)

Address: 1702 Pankratz Street, Madison, WI 53704

Phone: (608) 242-6646

Representative: Joseph M. DeYoung

Email: jdeyoung@msa-ps.com

LAKE GENEVA UTILITY COMMISSION (OWNER)

Address: 361 W Main Street, Lake Geneva, WI 53147

Phone: (262) 248-6644

Representative: Josh Gajewski

Email: jgajewski@lgutilities.org

Project Name: W Main Street / HWY 50 Utilities Reconstruction

The scope of the work authorized is: See Attachment A: Scope of Services

The schedule to perform the work is: Approximate Start Date: **May 2024**
Approximate Completion Date: **Dec 2029**

The estimated fee for the work is: TBD

All services shall be performed in accordance with the General Terms and Conditions of MSA, which is attached and made part of this Agreement. Any attachments or exhibits referenced in this Agreement are made part of this Agreement. Payment for these services will be on a time and expense basis. Attachment B: Rate Schedule is attached and made part of this Agreement

Approval: Authorization to proceed is acknowledged by signatures of the parties to this Agreement.

LAKE GENEVA UTILITY COMMISSION

MSA PROFESSIONAL SERVICES, INC.

Josh Gajewski

Utility Director

Date: _____

Joseph M. DeYoung

Regional Service Line Leader

Date: _____

OWNER ATTEST:

Owner Attest Name

Title

Date: _____

MSA PROFESSIONAL SERVICES, INC. (MSA)
GENERAL TERMS AND CONDITIONS OF SERVICES (PUBLIC)

1. **Scope and Fee.** The scope of Owner's Project (the "Project"), scope of MSA's services (the "Work"), and quoted fees for those services are defined in Attachment A. The scope and fee constitute a good faith estimate of the tasks and associated fees required to perform the services defined in Attachment A. This agreement upon execution by both parties hereto, can be amended only by written instrument signed by both parties. For those projects involving conceptual or process development service or involve renovation of an existing building or structure, activities often cannot be fully defined during initial planning. As the Project progresses, facts uncovered may reveal a change in direction which may alter the Work. MSA will promptly inform the OWNER in writing of such situations so that changes in this agreement can be made as required.

2. **Owner's Responsibilities.**

(a) Project Scope and Budget

The OWNER shall define the scope and budget of the Project and, when applicable, periodically update the Project budget, including that portion allocated for the cost of the Work. The Project budget shall include contingencies for design, development, and, when required by the scope of the Project, construction of the Project. The OWNER shall not significantly increase or decrease the overall Project scope or schedule, the portion of the budget allocated for the cost of the Work, or contingencies included in the overall budget or a portion of the budget, without the agreement of MSA to a corresponding change in the Project scope, quality, schedule, and compensation of MSA.

(b) Designated Owner Representative

The OWNER shall identify a Designated Representative who shall be authorized to act on behalf of the OWNER with respect to the Project. OWNER's Designated Representative shall render related decisions in a timely manner so as to avoid unreasonable delay in the orderly and sequential progress of MSA's services. MSA shall not be liable for any error or omission made by OWNER, OWNER's Designated Representative, or OWNER's consultant.

(c) Tests, Inspections, and Reports

When required by the scope of the Project, the OWNER shall furnish tests, inspections, and reports required by law or the Contract Documents, such as planning studies; preliminary designs; structural, mechanical, or chemical tests; tests for air, water, or soil pollution; and tests for hazardous materials.

(d) Additional Consultants

MSA's consultants shall be identified in Attachment A. The OWNER shall furnish the services of other consultants other than those designated in Attachment A, including such legal, financial, accounting, and insurance counseling services as may be required for the Project.

(e) OWNER Provided Services and Information

MSA shall be entitled to rely on the accuracy and completeness of services and information furnished by the OWNER, Designated OWNER Representative, or Consultant. MSA shall use reasonable efforts to provide prompt written notice to the OWNER if MSA becomes aware of any errors, omissions, or inconsistencies in such services or information.

3. **Billing.** MSA will bill the OWNER monthly with net payment due upon receipt. Balances due past thirty (30) days shall be subject to an interest charge at a rate of 18% per year from said thirtieth day. In addition, MSA may, after giving seven days written notice, suspend service under any agreement until the OWNER has paid in full all amounts due for services rendered and expenses incurred, including the interest charge on past due invoices.

4. **Costs and Schedules.** Costs (including MSA's fees and reimbursable expenses) and schedule commitments shall be subject to change for delays caused by the OWNER's failure to provide specified facilities or information or for delays caused by unpredictable occurrences including, without limitation, fires, floods, riots, strikes, unavailability of labor or materials, delays or defaults, by suppliers of materials or services, process shutdowns, pandemics, acts of God or the public enemy, or acts of regulations of any governmental agency. Temporary delays of services caused by any of the above which result in additional costs beyond those outlined may require renegotiation of this agreement.

5. **Access to Site.** Owner shall furnish right-of-entry on the Project site for MSA and, if the site is not owned by Owner, warrants that permission has been granted to make planned explorations pursuant to the scope of

services. MSA will take reasonable precautions to minimize damage to the site from use of equipment, but has not included costs for restoration of damage that may result and shall not be responsible for such costs.

6. **Location of Utilities.** Owner shall supply MSA with the location of all pre-existent utilities and MSA has the right to reasonably rely on all Owner supplied information. In those instances where the scope of services require MSA to locate any buried utilities, MSA shall use reasonable means to identify the location of buried utilities in the areas of subsurface exploration and shall take reasonable precautions to avoid any damage to the utilities noted. However, Owner agrees to indemnify and defend MSA in the event of damage or injury arising from damage to or interference with subsurface structures or utilities which result from inaccuracies in information of instructions which have been furnished to MSA by others.

7. **Professional Representative.** MSA intends to serve as the OWNER's professional representative for those services as defined in this agreement, and to provide advice and consultation to the OWNER as a professional. Any opinions of probable project costs, reviews and observations, and other recommendations made by MSA for the OWNER are rendered on the basis of experience and qualifications and represents the professional judgment of MSA. However, MSA cannot and does not warrant or represent that proposals, bid or actual project or construction costs will not vary from the opinion of probable cost prepared by it.

8. **Construction.** When applicable to the scope of the Project, the OWNER shall contract with a licensed and qualified Contractor for implementation of construction work utilizing a construction contract based on an EJCDC construction contract and general conditions appropriate for the scope of the Project and for the delivery method. In the construction contract, the OWNER shall use reasonable commercial efforts to require the Contractor to (1) obtain Commercial General Liability Insurance with contractual liability coverage insuring the obligation of the Contractor, and name the OWNER, MSA and its employees and consultants as additionally insureds of that policy; (2) indemnify and hold harmless the OWNER, MSA and its employees and consultants from and against any and all claims, damages, losses, and expenses ("Claims"), including but not limited to reasonable attorney's fees and economic or consequential damages arising in whole or in part out of the negligent act or omission of the contractor, and Subcontractor or anyone directly or indirectly employed by any of them. This agreement shall not be construed as giving MSA, the responsibility or authority to direct or supervise construction means, methods, techniques, sequence, or procedures of construction selected by the contractors or subcontractors or the safety precautions and programs incident to the work, the same being the sole and exclusive responsibility of the contractors or subcontractors.

9. **Standard of Care.** In conducting the services, MSA will apply present professional, engineering and/or scientific judgment, which is known as the "standard of care". The standard of care is defined as that level of skill and care ordinarily exercised by members of the same profession practicing at the same point in time and in the same or similar locality under similar circumstances in performing the Services. The OWNER acknowledges that "current professional standards" shall mean the standard for professional services, measured as of the time those services are rendered, and not according to later standards, if such later standards purport to impose a higher degree of care upon MSA.

MSA does not make any warranty or guarantee, expressed or implied, nor have any agreement or contract for services subject to the provisions of any uniform commercial code. Similarly, MSA will not accept those terms and conditions offered by the OWNER in its purchase order, requisition, or notice of authorization to proceed, except as set forth herein or expressly agreed to in writing. Written acknowledgement of receipt, or the actual performance of services subsequent to receipt of such purchase order, requisition, or notice of authorization to proceed is specifically deemed not to constitute acceptance of any terms or conditions contrary to those set forth herein.

10. **Municipal Advisor.** MSA Professional Services, Inc. is not acting as a 'Municipal Advisor' to the owner pursuant to Section 15B of the Exchange Act. For financial advice related to the corresponding project, the client is encouraged to discuss their finances with internal and/or external advisors and experts before making decisions incurring debt and/or supporting those obligations. MSA desires to serve each client well by providing the best information publicly available and is providing information as part of its engineering responsibilities to inform client options. The information is not intended to provide financial advice or recommendations and is not bound by the formal Municipal Advisor fiduciary duty.

11. **Conduct Expectations.** Owner and MSA understand their respective obligations to provide a safe, respectful work environment for their employees. Both parties agree that harassment on the job (unwelcome verbal, physical or other behavior that is related to sex, race, age, or protected class status) will not be tolerated and will be addressed timely and in compliance with anti-harassment laws.

12. Electronic Documents and Transmittals. Owner and MSA agree to transmit and accept project related correspondence, documents, text, data, drawings and the like in digital format in accordance with MSA's Electronic Data Transmittal policy. Each party is responsible for its own cybersecurity, and both parties waive the right to pursue liability against the other for any damages that occur as a direct result of electronic data sharing.

13. Building Information Modelling (BIM). For any projects, and not limited to building projects, utilizing BIM, OWNER and MSA shall agree on the appropriate level of modelling required by the project, as well as the degree to which the BIM files may be made available to any party using the Electronic Document Transmittal provisions of section 12 of this Agreement.

14. Construction Site Visits. If the scope of services includes services during the Construction Phase, MSA shall make visits to the site as specified in Attachment A– Scope of Services. MSA shall not, during such visits or as a result of such observations of Contractor's work in progress, supervise, direct or have control over Contractor's work nor shall MSA have authority over or responsibility for the means, methods, techniques, sequences or procedures of construction selected by Contractor, for safety precautions and programs incident to the work of Contractor or for any failure of Contractor to comply with laws, rules, regulations, ordinances, codes or orders applicable to Contractor's furnishing and performing the work. Accordingly, MSA neither guarantees the performance of any Contractor nor assumes responsibility for any Contractor's failure to furnish and perform its work in accordance with the Contract Documents.

15. Termination. This Agreement shall commence upon execution and shall remain in effect until terminated by either party, at such party's discretion, on not less than thirty (30) days' advance written notice. The effective date of the termination is the thirtieth day after the non-terminating party's receipt of the notice of termination. If MSA terminates the Agreement, the OWNER may, at its option, extend the terms of this Agreement to the extent necessary for MSA to complete any services that were ordered prior to the effective date of termination. If OWNER terminates this Agreement, OWNER shall pay MSA for all services performed prior to MSA's receipt of the notice of termination and for all work performed and/or expenses incurred by MSA in terminating Services begun after MSA's receipt of the termination notice. Termination hereunder shall operate to discharge only those obligations which are executory by either party on and after the effective date of termination. These General Terms and Conditions shall survive the completion of the services performed hereunder or the Termination of this Agreement for any cause.

This agreement cannot be changed or terminated orally. No waiver of compliance with any provision or condition hereof should be effective unless agreed in writing and duly executed by the parties hereto.

16. Betterment. If, due to MSA's error, any required or necessary item or component of the Project is omitted from the construction documents, MSA's liability shall be limited to the reasonable costs of correction of the construction, less what OWNER'S cost of including the omitted item or component in the original construction would have been had the item or component not been omitted. It is intended by this provision that MSA will not be responsible for any cost or expense that provides betterment, upgrade, or enhancement of the Project.

17. Hazardous Substances. OWNER acknowledges and agrees that MSA has had no role in identifying, generating, treating, storing, or disposing of hazardous substances or materials which may be present at the Project site, and MSA has not benefited from the processes that produced such hazardous substances or materials. Any hazardous substances or materials encountered by or associated with Services provided by MSA on the Project shall at no time be or become the property of MSA. MSA shall not be deemed to possess or control any hazardous substance or material at any time; arrangements for the treatment, storage, transport, or disposal of any hazardous substances or materials, which shall be made by MSA, are made solely and exclusively on OWNER's behalf for OWNER's benefit and at OWNER's direction. Nothing contained within this Agreement shall be construed or interpreted as requiring MSA to assume the status of a generator, storer, treater, or disposal facility as defined in any federal, state, or local statute, regulation, or rule governing treatment, storage, transport, and/or disposal of hazardous substances or materials.

All samples of hazardous substances, materials or contaminants are the property and responsibility of OWNER and shall be returned to OWNER at the end of a project for proper disposal. Alternate arrangements to ship such samples directly to a licensed disposal facility may be made at OWNER's request and expense and subject to this subparagraph.

18. Insurance. MSA will maintain insurance coverage for: Worker's Compensation, General Liability, and Professional Liability. MSA will provide information as to specific limits upon written request. If the OWNER requires coverages or limits in addition to those in effect as of the date of the agreement, premiums for additional

insurance shall be paid by the OWNER. The liability of MSA to the OWNER for any indemnity commitments, or for any damages arising in any way out of performance of this contract is limited to such insurance coverages and amount which MSA has in effect.

19. Reuse of Documents. Reuse of any documents and/or services pertaining to this Project by the OWNER or extensions of this Project or on any other project shall be at the OWNER's sole risk. The OWNER agrees to defend, indemnify, and hold harmless MSA for all claims, damages, and expenses including attorneys' fees and costs arising out of such reuse of the documents and/or services by the OWNER or by others acting through the OWNER.

20. Indemnification. To the fullest extent permitted by law, MSA shall indemnify and hold harmless, OWNER, and OWNER's officers, directors, members, partners, consultants, and employees (hereinafter "OWNER") from reasonable claims, costs, losses, and damages arising out of or relating to the PROJECT, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself) including the loss of use resulting therefrom but only to the extent caused by any negligent act or omission of MSA or MSA's officers, directors, members, partners, employees, or Consultants (hereinafter "MSA"). In no event shall this indemnity agreement apply to claims between the OWNER and MSA. This indemnity agreement applies solely to claims of third parties. Furthermore, in no event shall this indemnity agreement apply to claims that MSA is responsible for attorneys' fees. This agreement does not give rise to any duty on the part of MSA to defend the OWNER on any claim arising under this agreement.

To the fullest extent permitted by law, OWNER shall indemnify and hold harmless, MSA, and MSA's officers, directors, members, partners, consultants, and employees (hereinafter "MSA") from reasonable claims, costs, losses, and damages arising out of or relating to the PROJECT, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself) including the loss of use resulting therefrom but only to the extent caused by any negligent act or omission of the OWNER or the OWNER's officers, directors, members, partners, employees, or Consultants (hereinafter "OWNER"). In no event shall this indemnity agreement apply to claims between MSA and the OWNER. This indemnity agreement applies solely to claims of third parties. Furthermore, in no event shall this indemnity agreement apply to claims that the OWNER is responsible for attorneys' fees. This agreement does not give rise to any duty on the part of the OWNER to defend MSA on any claim arising under this agreement.

To the fullest extent permitted by law, MSA's total liability to OWNER and anyone claiming by, through, or under OWNER for any cost, loss or damages caused in part or by the negligence of MSA and in part by the negligence of OWNER or any other negligent entity or individual, shall not exceed the percentage share that MSA's negligence bears to the total negligence of OWNER, MSA, and all other negligent entities and individuals.

21. Accrual of Claims. To the fullest extent permitted by Laws and Regulations, all causes of action arising under this Agreement will be deemed to have accrued, and all statutory periods of limitation will commence, no later than the date of Substantial Completion; or, if Engineer's services do not include Construction Phase services, or the Project is not completed, then no later than the date of Owner's last payment to Engineer.

22. Dispute Resolution. OWNER and MSA desire to resolve any disputes or areas of disagreement involving the subject matter of this Agreement by a mechanism that facilitates resolution of disputes by negotiation rather than by litigation. OWNER and MSA also acknowledge that issues and problems may arise after execution of this Agreement which were not anticipated or are not resolved by specific provisions in this Agreement. Accordingly, both OWNER and MSA will endeavor to settle all controversies, claims, counterclaims, disputes, and other matters thru mediation with a mutually agreed upon mediator. Demand for mediation shall be filed in writing with the other party to this Agreement. A demand for mediation shall be made within a reasonable time after the claim, dispute or other matter in question has arisen. In no event shall the demand for mediation be made after the date when institution of legal or equitable proceedings based on such claim, dispute or other matter in question would be barred by the applicable statute of limitations. Neither demand for mediation nor any term of this Dispute Resolution clause shall prevent the filing of a legal action where failing to do so may bar the action because of the applicable statute of limitations. If despite the good faith efforts of OWNER and MSA any controversy, claim, counterclaim, dispute, or other matter is not resolved through negotiation or mediation, OWNER and MSA agree and consent that such matter may be resolved through legal action in the court having jurisdiction as specified in this Agreement.

23. **Exclusion of Special, Indirect, Consequential and Liquidated Damages.** MSA shall not be liable, in contract or tort or otherwise, for any special, indirect, consequential, or liquidated damages including specifically, but without limitation, loss of profit or revenue, loss of capital, delay damages, loss of goodwill, claim of third parties, or similar damages arising out of or connected in any way to the Project or this contract.

24. **Limitation of Liability.** Neither MSA, its Consultants (if any), nor their employees shall be jointly, severally, or individually liable to the OWNER in excess of the amount of the insurance proceeds available.

25. **Successors and Assigns.** The successors, executors, administrators, and legal representatives of Owner and Engineer are hereby bound to the other party to this Agreement and to the successors, executors, administrators and legal representatives (and said assigns) of such other party, in respect of all covenants, agreements, and obligations of this Agreement. Neither party may assign, sublet, or transfer any rights under or interest (including, but without limitation, claims arising out of this Agreement or money that is due or may become due) in this Agreement without the written consent of the other party, which shall not be unreasonable withheld, except to the extent that any assignment, subletting, or transfer is mandated by law.

26. **Notices.** Any notice required under this Agreement will be in writing, and delivered: in person (by commercial courier or otherwise); by registered or certified mail; or by e-mail to the recipient, with the words "Formal Notice" or similar in the e-mail's subject line. All such notices are effective upon the date of receipt.

27. **Survival.** Subject to applicable Laws and Regulations, all express representations, waivers, indemnifications, and limitations of liability included in this Agreement will survive its completion or termination for any reason.

28. **Severability.** Any provision or part of the Agreement held to be void or unenforceable under any Laws or Regulations will be deemed stricken, and all remaining provisions will continue to be valid and binding upon Owner and MSA.

29. **No Waiver.** A party's non-enforcement of any provision will not constitute a waiver of that provision, nor will it affect the enforceability of that provision or of the remainder of this Agreement.

30. **State Law.** This agreement shall be construed and interpreted in accordance with the laws of the State of Wisconsin.

31. **Jurisdiction.** OWNER hereby irrevocably submits to the jurisdiction of the state courts of the State of Wisconsin for the purpose of any suit, action or other proceeding arising out of or based upon this Agreement. OWNER further consents that the venue for any legal proceedings related to this Agreement shall be Sauk County, Wisconsin.

32. **Understanding.** This agreement contains the entire understanding between the parties on the subject matter hereof and no representations. Inducements, promises or agreements not embodied herein (unless agreed in writing duly executed) shall be of any force or effect, and this agreement supersedes any other prior understanding entered into between the parties on the subject matter hereto.

ATTACHMENT A: SCOPE OF SERVICES

PROJECT DESCRIPTION

The Wisconsin Department of Transportation (WDOT) is planning to reconstruct STH 50 through the City of Lake Geneva in 2027-2028. To minimize future costs and disturbance, Lake Geneva Utilities (LGU) is seeking to upgrade and/or relocate water and sanitary sewer utilities within this corridor.

Phase 1 – Eastern Utility Improvements

East Sanitary Sewer Project - Sewer Crossings on STH 50 between S. Lake Shore Drive and Country Club Drive

1. Install a 36" casing next to the existing 18" SAN near South Lake Shore Drive.
2. Realign crossing east of Wells St. Replace this existing 8" SAN to straighten out the alignment between manholes J7059 to J7054 with potential pipe upsizing to a 10" or 12" diameter sanitary sewer main for future flexibility.
3. Replace Manholes in this area. Based upon realignment of sewer, replace the manholes or adjustment of castings is anticipated.

East Water Project – Upsize Watermain (Broad to Water Treatment Plant)

Installation of a watermain along STH 50 from Broad St. to the WTP. Preliminary estimates proposed installation of a 16" diameter watermain.

East Water Project – Roadway Impacts

The installation of utilities is planned to be timed for completion just prior to WisDOT's planned improvements to STH 50. As such, temporary roadway patches and repairs would be completed as needed for the installation of proposed utility improvements.

Phase 2 – Western Utility Improvements

West Sanitary Sewer Project - Replacement of SAN west of Maxwell

1. Replace existing SAN from Maxwell St. to and along Elmwood Ave with potential pipe upsizing to a 10" or 12" diameter sanitary sewer main for future flexibility.
2. Realign SAN near intersection of Main St. & Lake View Dr to straighten out and simplify the alignment at this intersection including sanitary sewer between Forest St. and Sky Lane Dr.

West Water Project – Upsize Watermain (Forest to Warren)

The installation of a watermain along STH 50 from Forest St to Warren St. Final diameter of new watermain to be either 12" or 16" depending on if need for a future booster station near Forest St and STH 50.

West Water Project – Roadway Impacts

The installation of utilities is planned to be simultaneous with WisDOT improvements to STH 50. As such, roadway improvements would be designed and completed by WisDOT.

The anticipated two phases of the project for LGU and MSA will include *Phase 1 – Eastern Utility Improvements*, which includes the work described above under the *East Sewer Project* and the *East Water Project*. It is anticipated that this work shall be bid and constructed just prior to WisDOT's planned improvements to STH 50. *Phase 2 – Western Utility Improvements* includes the work described above under the *West Sewer Project* and *West Water Project*. It is anticipated that this work will be bid and constructed as part of WisDOT's planned improvements to STH 50. (See Segment 1 on Attachment C.)

SCOPE OF SERVICES

MSA will provide services as set forth below.

1. Design

- **Project Administration**
 - Manage and coordinate project team, budget and schedules. Maintain communication with Owner and stakeholders on project.
 - Attend up to four (4) utility commission meetings. (Two per Phase)
 - Host or assist the WisDOT with two (2) Public Information Meetings (One per Phase)
- **Quality Assurance/Quality Control**
 - Employ documented quality-assurance/quality-control procedures throughout project.
- **Project Site Information**
 - Contact Utility One Call & Survey: utilize marking and mapping provided by one-call agency to assess locations of existing private utilities in the area. An additional survey of the utilities outside the WisDOT corridor will be surveyed by MSA. Overall basemap and surface survey information to be provided by WisDOT.
 - Utility Structure Survey: investigate utility structures to obtain field measured invert elevations, penetrating pipe information, and condition assessment.
- **Design – Street/Utility**
 - Water Design: Develop horizontal and vertical alignments for water mains. Determine valve, hydrant, service and connection locations. Perform required design computations regarding pressure and flow volumes. Prepare construction details.
 - Sanitary Sewer Design: Develop horizontal and vertical alignments for sanitary sewer. Determine structure, lateral, and connection locations. Perform required design computations regarding pressure and capacity. Prepare construction details.
 - Construction Cost Estimate: Develop preliminary construction cost estimates based on preliminary plans. Develop an Engineers Estimate of Construction cost based on quantities computed from final plans.
- **Plan Preparation and Drafting**
 - Preliminary Plan Preparation: Prepare preliminary plans showing topographic survey information, horizontal and vertical alignments of utilities and roadway, typical roadway cross section, and typical construction details as relevant to proposed Phase.
 - Final Plan Preparation: Prepare final plans based on preliminary plans, Owner feedback, and additional design development. Final plans will include:
 - *Phase 1 – Eastern Utility Improvements*:
 - a. Construction plans for proposed improvements, including those necessary for utility work and road patching. Documents to be done in MSA format.
 - *Phase 2 – Western Utility Improvements*:
 - a. Construction plans for proposed utility improvements, including plan and profiles for proposed utilities, construction details, and construction quantity sheets. Documents to be done in WisDOT format and provided to

WisDOT to be included with their project documents for Segment 1. (See Attachment C)

- **Specifications**

- Specifications: prepare technical specifications, special procedures, bidding documents and construction contracting documents.
 - *Phase 1 – Eastern Utility Improvements*:
 - a. Full project specifications are to be completed for proposed utility improvements and temporary roadway repairs. Documents to be done in MSA format.
 - *Phase 2 – Western Utility Improvements*:
 - a. Project specifications pertaining to planned sanitary sewer and watermain utility improvements to be prepared and provided to WisDOT to be included in their project documents for Segment 1. (See Attachment C) Documents to be done in WisDOT format.

- **Utility Coordination**

- Coordination and Communication
 - Inform private utility companies (gas, electric, and communications) of the project scope and timeline.
 - Note utility locations (as provided by utility companies and/or one-call locate) on the project plans.
 - Provide utility companies with preliminary and final plans for the project.

- **Agency Coordination**

- Wisconsin Department of Transportation
- Wisconsin Department of Natural Resources
- Wisconsin Public Service Commission
- Southeastern Wisconsin Regional Planning Commission

- **Permits**: Prepare permit application and required attachments for:

- *Phase 1 – Eastern Utility Improvements*:
 - MSA to obtain the following permit approvals:
 - a. Wisconsin DNR for sanitary sewer extension and watermain extension permits.
 - b. WisDOT Work in Right-of-way permit.
 - c. Wisconsin DNR NOI is not anticipated to be needed at this time with disturbances of utility trenches not anticipated to exceed 1 acre.
 - d. Wisconsin PSC Construction Authorization
- *Phase 2 – Western Utility Improvements*:
 - MSA to obtain permit approvals from Wisconsin DNR for sanitary sewer extension and watermain extension. All other necessary permits for roadway work to be obtained by WisDOT as part of work planned for Segment 1. (See Attachment C)

- **Design Meetings**

- *Phase 1 – Eastern Utility Improvements*:
 - Project kick-off: Attend one meeting with staff after review of available existing information.
 - Preliminary Plan review: Attend one meeting with staff after preliminary plans are complete, prior to starting final plans.

- Final Plan review: Attend one meeting with staff, and one meeting with elected officials.
- *Phase 2 – Western Utility Improvements*:
 - Project kick-off: Attend one meeting with staff after review of available existing information.
 - Preliminary Plan review: Attend one meeting with staff after preliminary plans are complete, prior to starting final plans.
 - Final Plan review: Attend one meeting with staff, and one meeting with elected officials.
 - It is assumed that no additional formal meetings will be required for WisDOT coordination.
- Due to the length of the project's timeline, an additional 4 meetings is assumed for staff, WisDOT, and potential City of Lake Geneva meetings for coordination or project development. Meetings are at the discretion of the Lake Geneva Utility Department Head.

2. Bidding

- *Phase 1 - Eastern Utility Improvements*
 - Host one (1) round of bidding based on overall project phasing.
 - Assist Owner in Advertising and Soliciting for Bids
 - Administer Bid Document Distribution Process utilizing QuestCDN
 - Issue Addenda as appropriate to clarify, correct, or change the bidding documents
 - Conduct an Electronic Bid Opening located at MSA's Office
 - Prepare Tabulation of Bids
- *Phase 2 - Western Utility Improvements*
 - WisDOT to include MSA contract documents and quantities with their bid package for planned improvements for Segment 1. (See Attachment C)

DELIVERABLES

MSA will provide the following deliverables:

Phase 1 – Eastern Utility Improvements\

1. Preliminary plans: two (2) paper copies, one PDF file of the preliminary plans, and construction cost estimate for Owner review.
2. Preliminary Construction Cost Estimate: one PDF file
3. Final plans: two (2) paper copies and one PDF file of the final plans and construction cost estimate, for Owner review.
4. Final Construction Cost Estimate: one PDF file
5. Permit Applications: One PDF file (per application) containing permit application with attachments, and one paper copy for submittal to permitting authority.
6. Bidding Documents: two (2) paper copies, one PDF file of the bidding documents, including project manual, plan sets and any addenda.

Phase 2 – Western Utility Improvements

1. Preliminary plans: two (2) paper copies, one PDF file of the preliminary plans, and construction cost estimate for Owner review.
2. Preliminary Construction Cost Estimate: one PDF file
3. Final plans: two (2) paper copies and one PDF file of the final plans and construction cost estimate, for Owner review.

4. Final Construction Cost Estimate: one PDF file
5. Permit Applications: One PDF file (per application) containing permit application with attachments, and one paper copy for submittal to permitting authority.

ADDITIONAL SERVICES

Services that are not included in the above Scope of Services can be provided under separate contract or by amending the scope and fee listed in this Agreement. Examples of additional services that may be needed or desired for completion of the project include:

1. Assistance with acquisition of real estate and/or temporary or permanent easements
2. Survey mapping and monumentation
3. Utility system modeling
4. Funding applications and administration
5. Additional meetings not specifically listed in the scope.
6. Accommodations for environmental hazards, endangered species, or historical or cultural issues at or near the project site.
7. Permit assistance related to surface waters and wetlands.
8. Variance requests (if required for permit applications included in the scope).
9. Updates to Owner's electronic Geographic Information System to reflect changes from project.

PROJECT SCHEDULE

MSA anticipates the following estimated project schedule:

Date	Milestone
2024	Owner approves Professional Services Agreement
June 2024	MSA begins work
November 2024	Preliminary Plans complete
August 2025	Final Plans complete, Permit applications submitted
WisDOT Letting May 2026	Bidding process WisDOT
September 2026	Bidding City of Lake Geneva Project
2027 - 2028	Construction
2028 - 2029	Project Closeout

OWNER'S RESPONSIBILITIES

- Owner is responsible for accuracy and completeness of the information provided to MSA.
- Owner will provide MSA with full information as to Owner's requirements for the project.
- Owner will operate Owner's systems (hydrants, valves, manholes, etc.) as needed for MSA to obtain required information for the completing project.
- Owner will provide timely response to questions and review of engineering submittals (preliminary and final plans).
- Owner will authorize submittal of necessary permit applications and pay associated fees.
- Owner will pay MSA as follows:

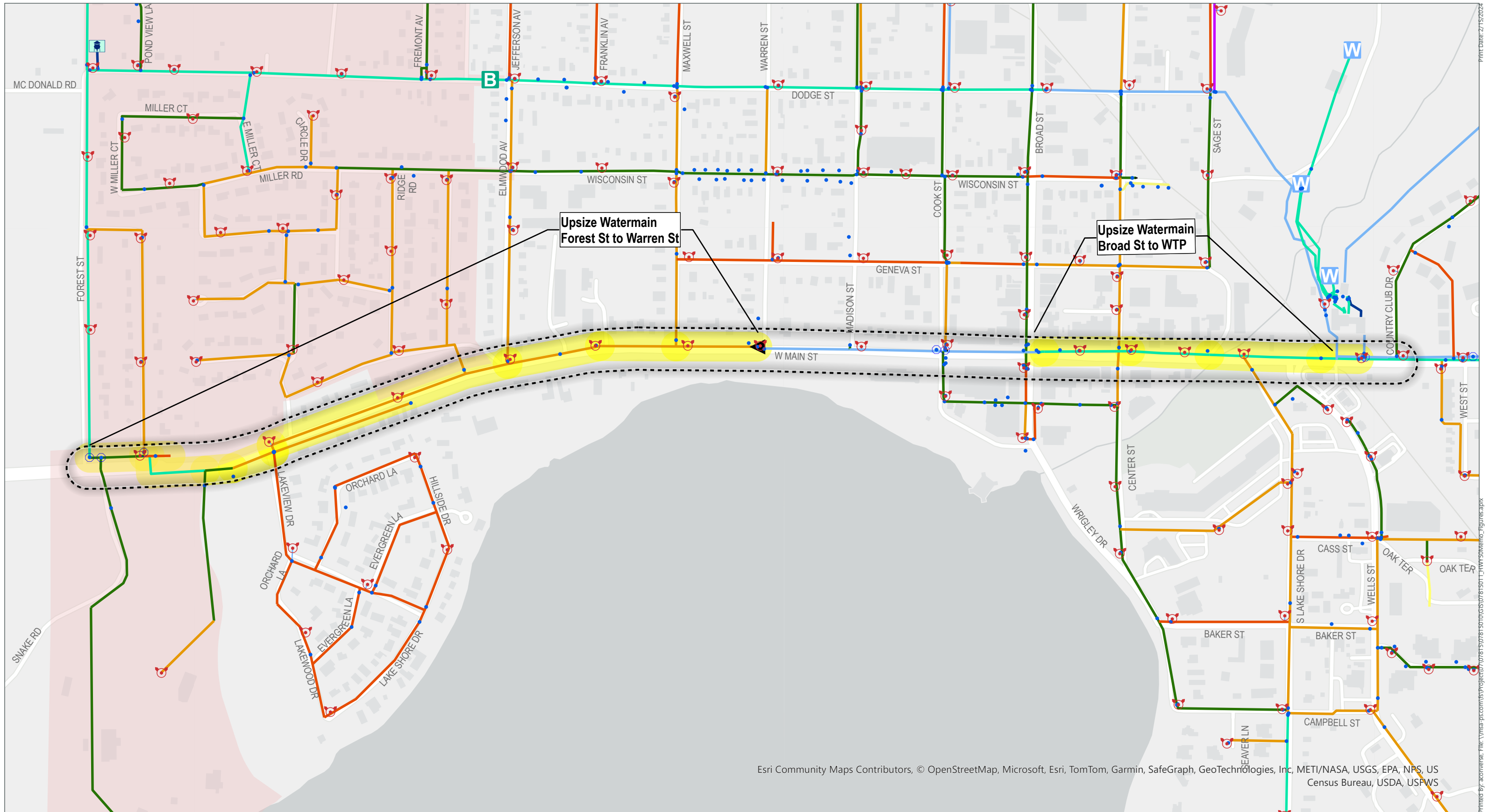
ATTACHMENT B: RATE SCHEDULE

<u>CLASSIFICATION</u>	<u>LABOR RATE</u>
Administrative	\$ 75 – \$150/hr.
Architects	\$ 75 – \$215/hr.
Community Development Specialists	\$135 – \$185/hr.
Digital Design	\$175 – \$195/hr.
Environmental Scientists/Hydrogeologists	\$105 – \$185/hr.
Geographic Information Systems (GIS)	\$ 95 – \$185/hr.
Housing Administration	\$ 95 – \$170/hr.
HR	\$ 135 - \$150/hr.
Inspectors/Zoning Administrators	\$105 – \$130/hr.
IT Support	\$175 – \$195/hr.
Land Surveying	\$ 75 – \$185/hr.
Landscape Designers & Architects	\$ 75 – \$215/hr.
Planners	\$ 75 – \$205/hr.
Principals	\$210 – \$315/hr.
Professional Engineers/Designers of Engineering Systems	\$150 – \$200/hr.
Project Managers	\$150 – \$230/hr.
Real Estate Professionals	\$135 – \$165/hr.
Staff Engineers	\$ 75 – \$145/hr.
Technicians	\$ 95 – \$150/hr.
Wastewater Treatment Plant Operator	\$ 90 – \$115/hr.

REIMBURSABLE EXPENSES

Copies/Prints	Rate based on volume
Specs/Reports	\$10
Copies	\$0.12/page
Plots	\$0.006/sq.in.
Flash Drive	\$10
GPS Equipment	\$20/hour
Dini Laser Level	\$30/per day
Mailing/UPS	At cost
Mileage – Reimbursement	IRS Rate – IRS Rate + \$5/day
Mileage – MSA Vehicle	\$0.75 mile standard/ \$0.67 mile for DOT
Nuclear Density Testing	\$25.00/day + \$10/test
Organic Vapor Field Meter	\$100/day
PC/CADD Machine	Included in labor rates
Robotic Survey Equipment	\$20/hour - \$15/hour for DOT
Stakes/Lath/Rods	At cost
Travel Expenses, Lodging, & Meals	At cost
Traffic Counting Equipment & Data Processing	At cost
Geodimeter	\$30/hour
Drone Flight	\$375/flight

Labor rates represent an average or range for a particular job classification. These rates are in effect until December 31, 2024.



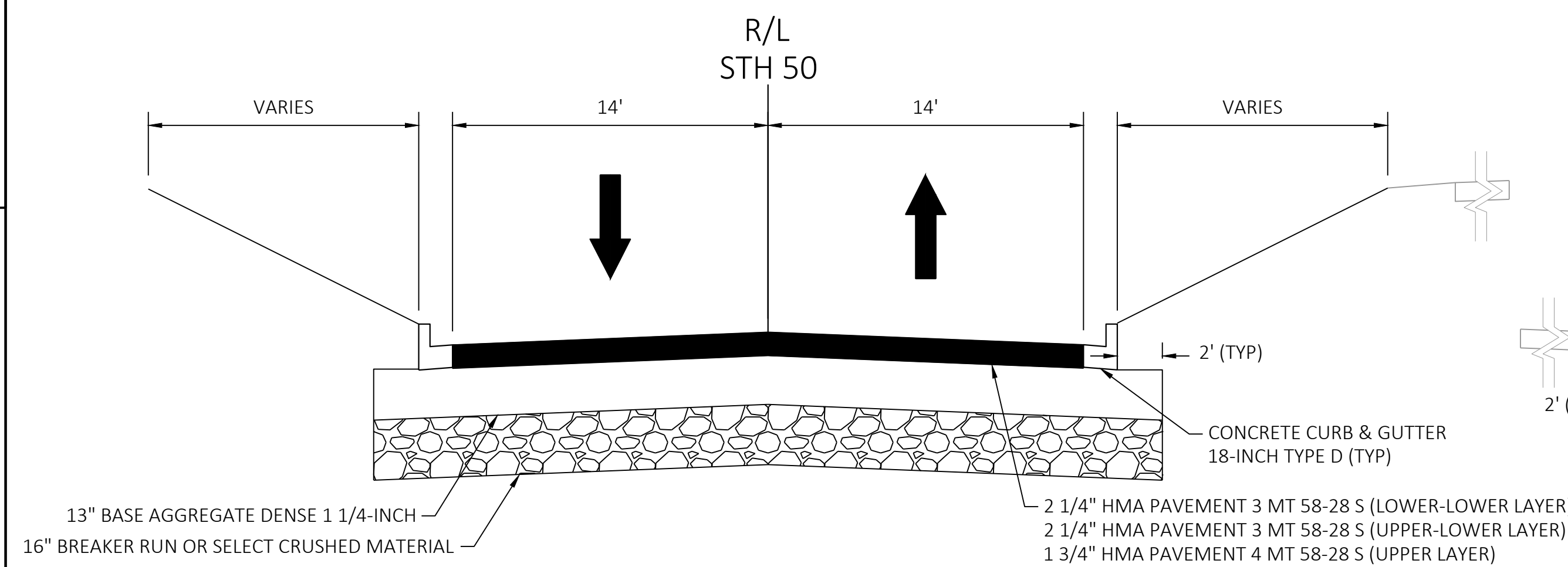
- | | | | | | |
|--------------------------|-----------|-------------|--------------------|-----------------|------|
| HWY 50 Corridor | Main, 14" | Main, 6" | Main, Unknown Size | Valve Manhole | Well |
| Watermains to Upsize | Main, 12" | Main, 4" | Hydrant Lead | Hydrants | |
| Dodge High Pressure Zone | Main, 10" | Main, 2" | Valve | Booster Station | |
| Main, 16" | Main, 8" | Main, 1.25" | Air Release | Water Tower | |

Existing Water System

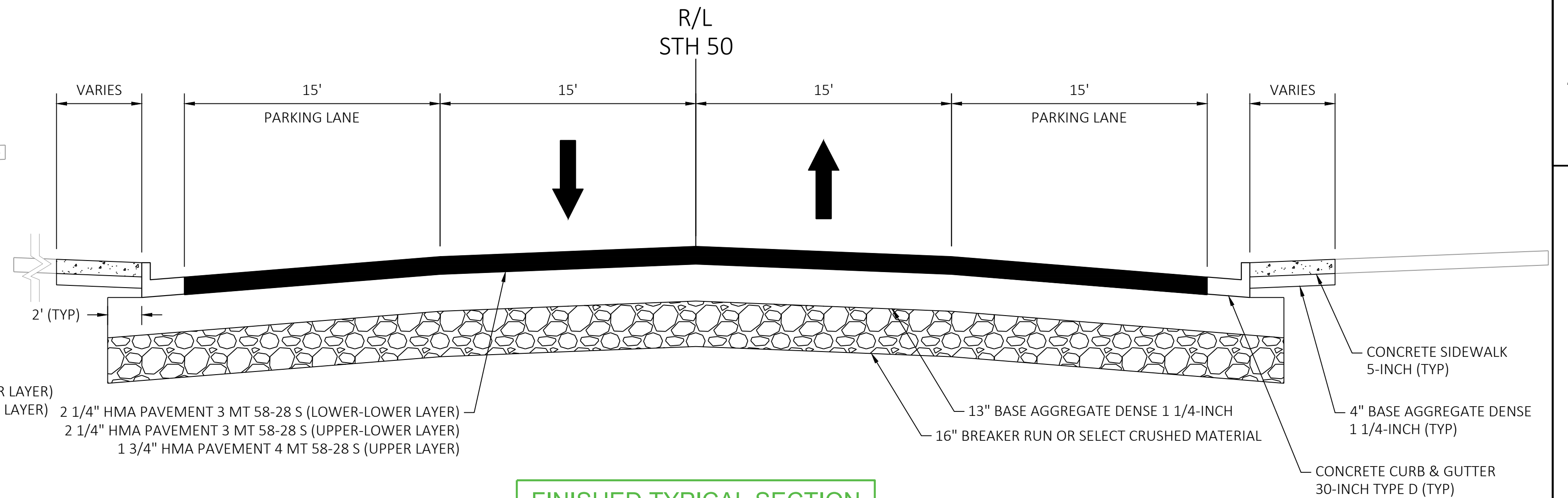
W Main St/ HWY50
Lake Geneva
Walworth County, WI



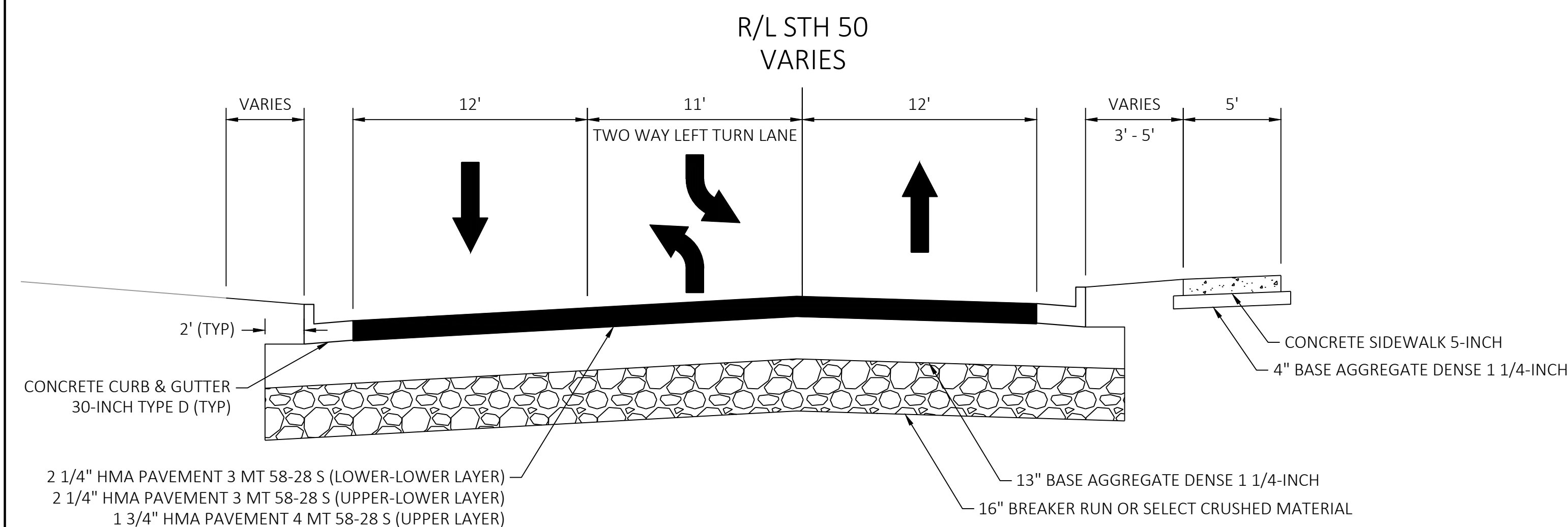
PROJECT NO: 3170-09-70/71	HWY: STH 50	COUNTY: WALWORTH	CONSTRUCTION OPERATIONS OVERVIEW BY SEGMENTS	SHEET	E
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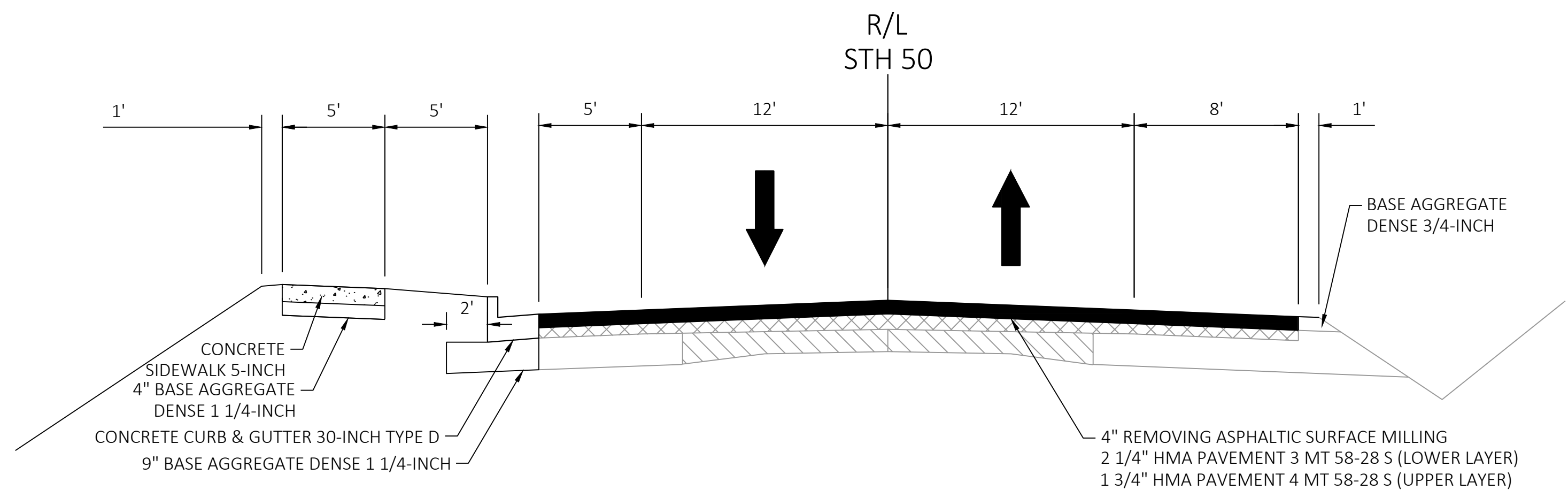
FINISHED TYPICAL SECTION
SEGMENT 1



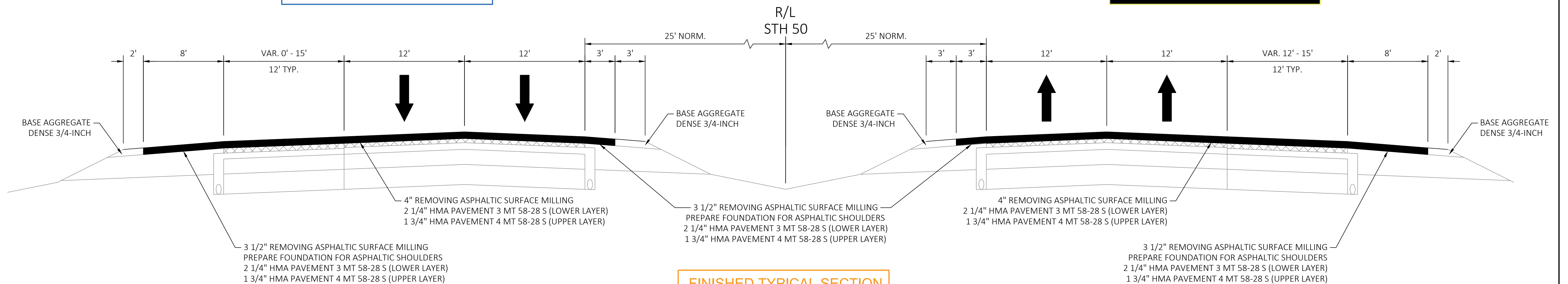
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SEGMENT 2



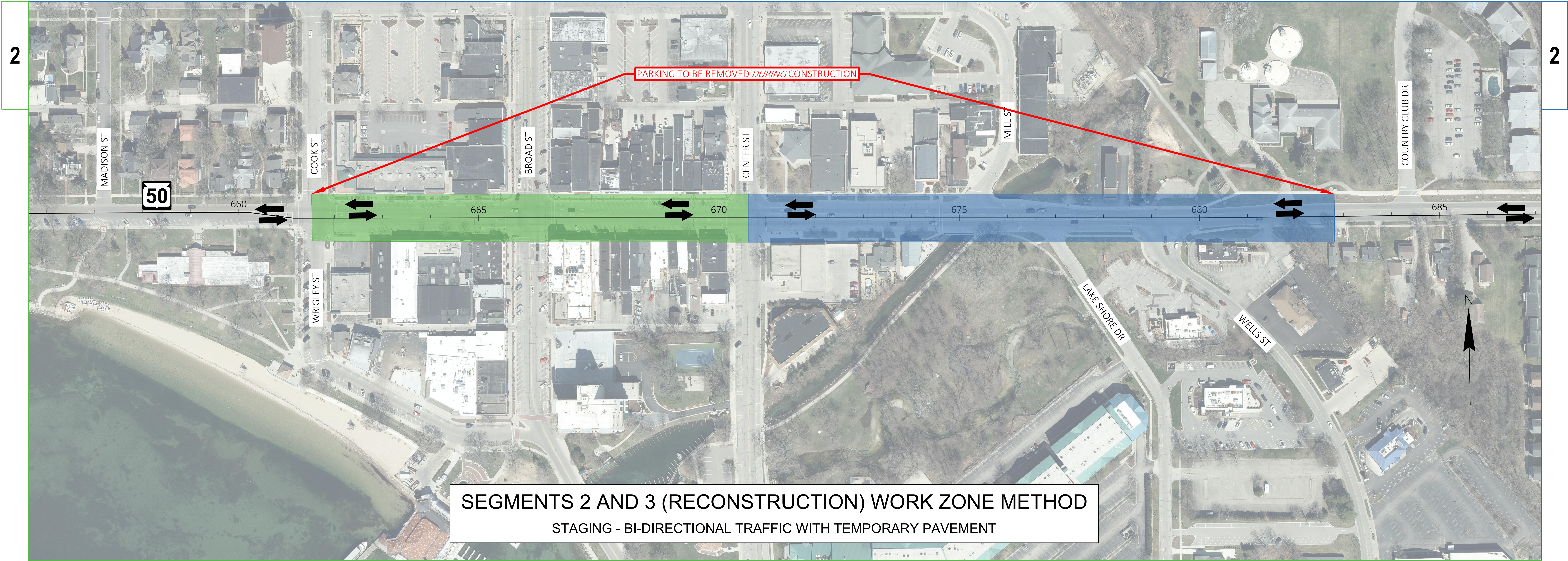
FINISHED TYPICAL SECTION
SEGMENT 3



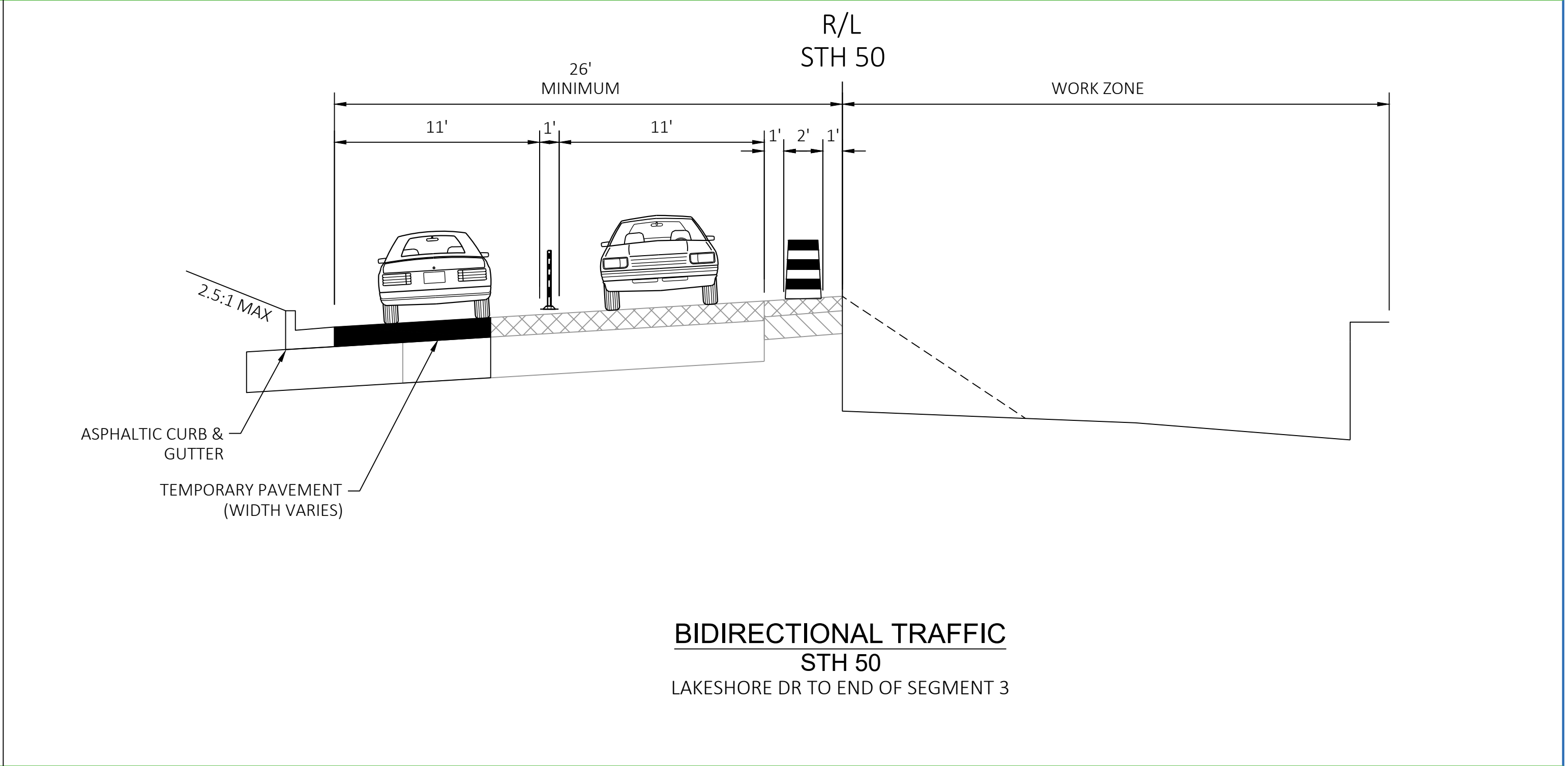
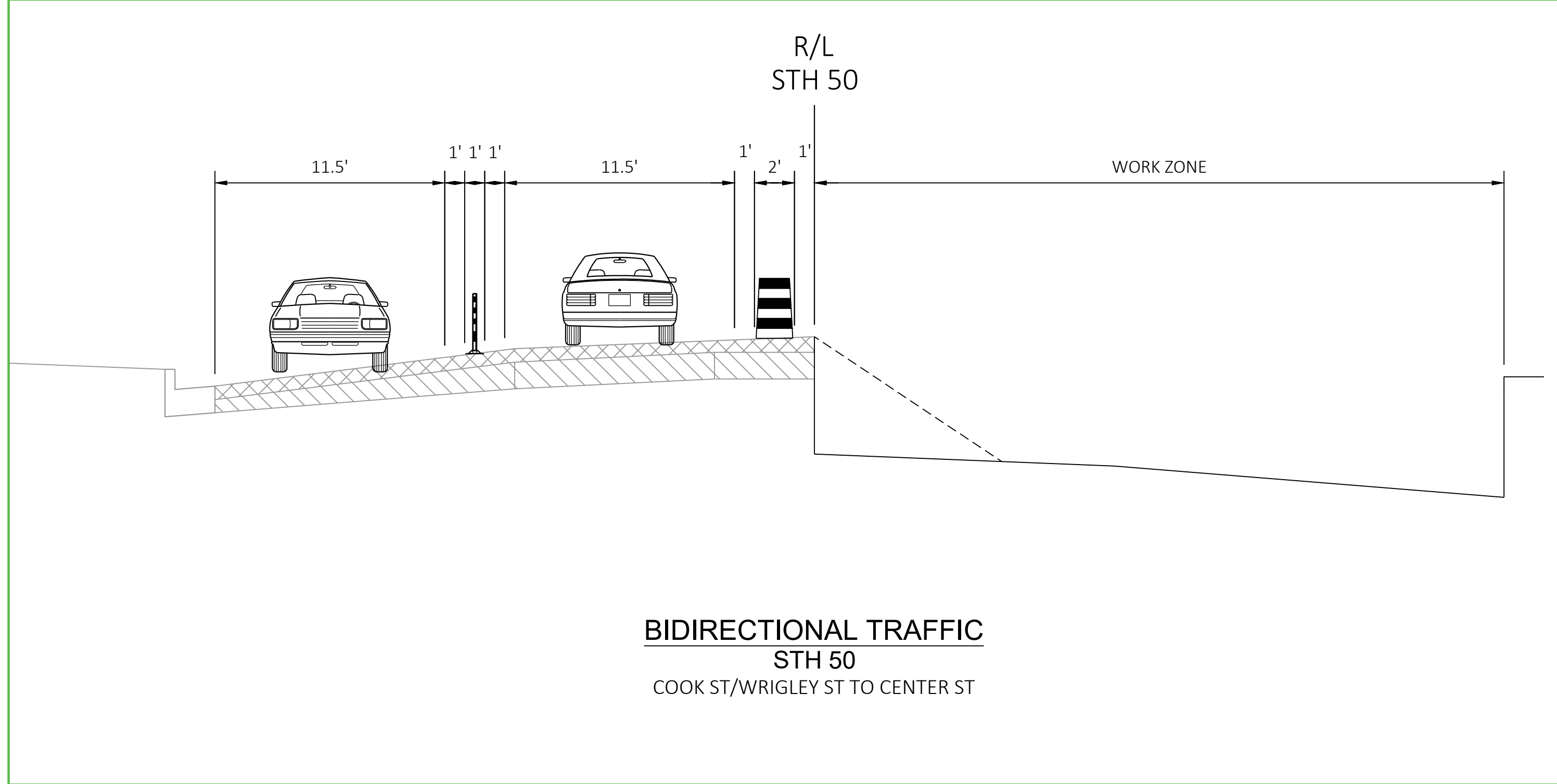
FINISHED TYPICAL SECTION
SEGMENT 4



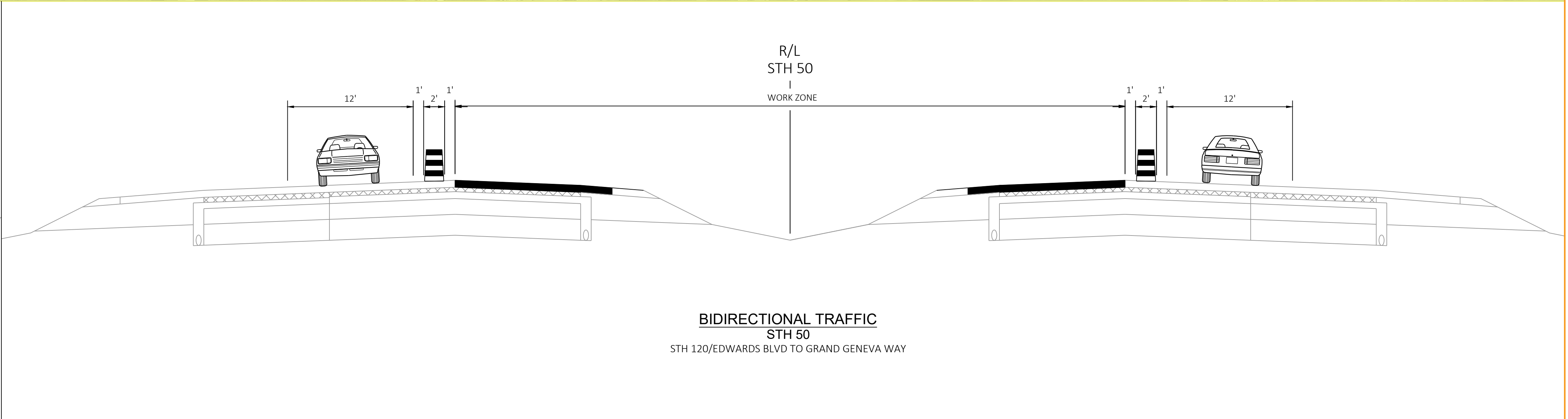
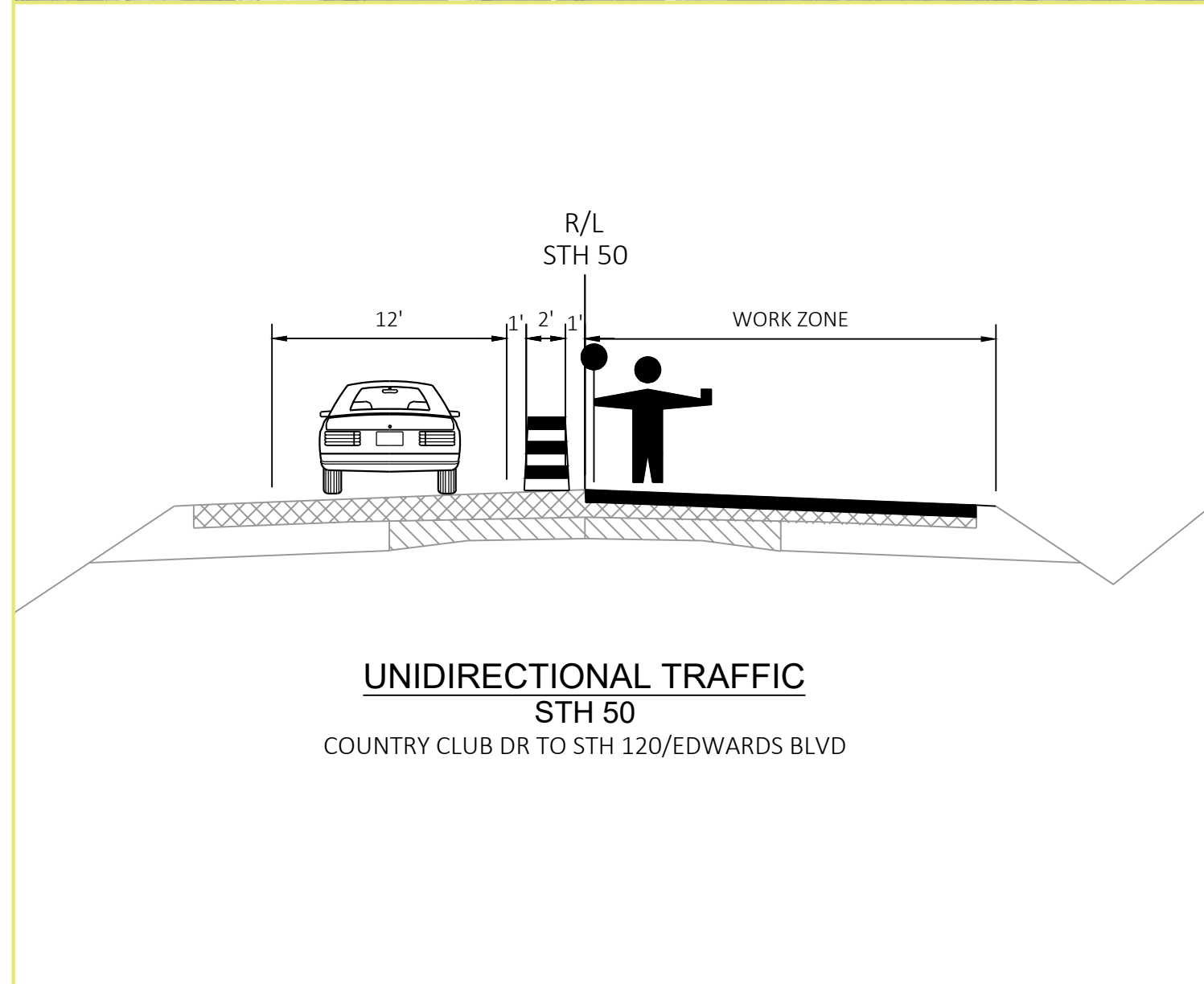
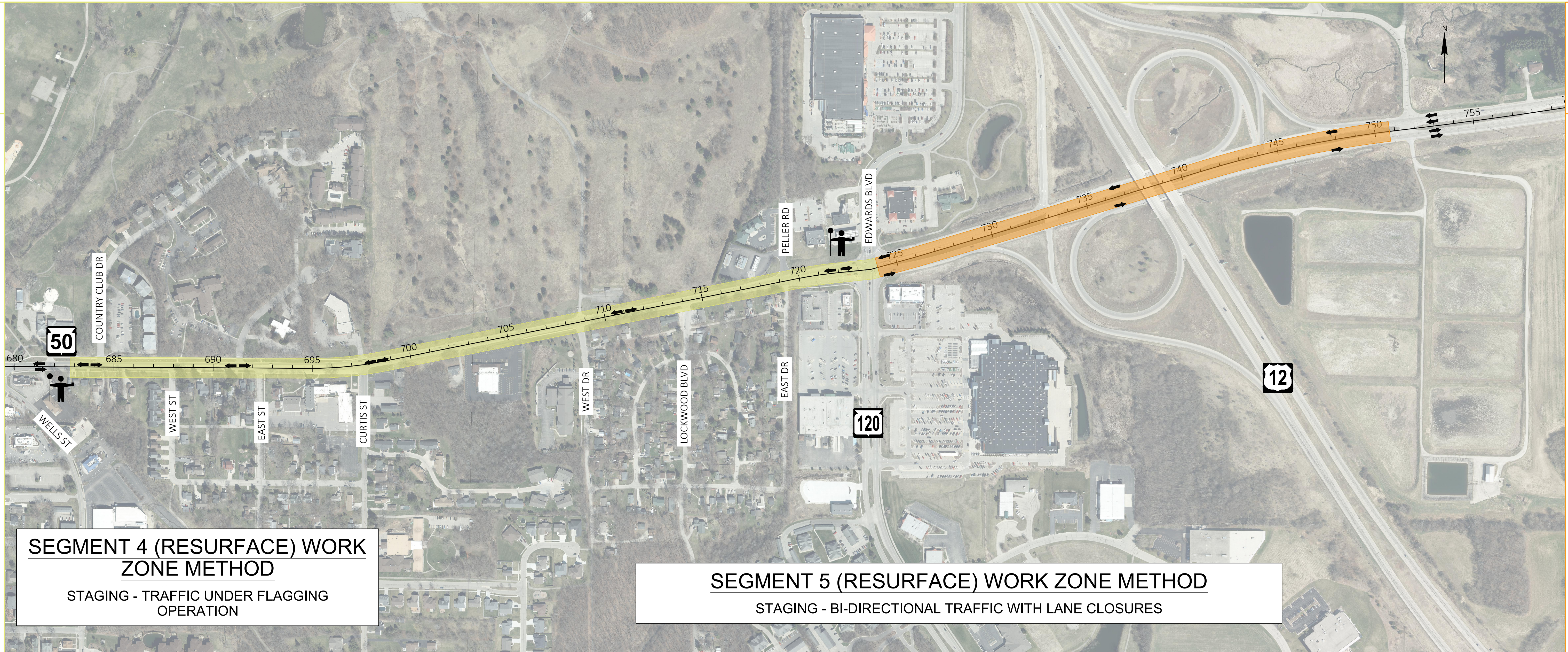
FINISHED TYPICAL SECTION
SEGMENT 5



SEGMENTS 2 AND 3 (RECONSTRUCTION) WORK ZONE METHOD
STAGING - BI-DIRECTIONAL TRAFFIC WITH TEMPORARY PAVEMENT



PROJECT NO: 3170-09-70/71	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC STAGING CONCEPT OVERVIEW - SEGMENTS 2 AND 3	SHEET	E
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PROJECT NO: 3170-09-70/71	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC STAGING CONCEPT OVERVIEW - SEGMENTS 4 & 5	SHEET	E
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PROPOSED IMPROVEMENT
STH 50/MAIN STREET
FOREST STREET TO GRAND GENEVA WAY
3170-09-70/71
WALWORTH COUNTY

SCALE, FEET 0 25 50

THURSDAY, MARCH 21, 2024

ANTICIPATED CONSTRUCTION IN 2027 & 2028

BEGIN PROJECT

50

CITY OF LAKE GENEVA

		PARKING CHANGES							
		Existing				Proposed			
Region	Segment	Normal	ADA	Motorcycle	Total	Normal	ADA	Motorcycle	Total
1	Maxwell to Warren	38	1	0	39	29	2	0	31
	Warren to Madison	30	0	0	30	28	2	0	30
	Madison to Cook	20	2	4	26	21	1	4	26
Subtotal 1		85				85			
2	Cook to Broad	43	3	3	49	40	2	3	45
	Broad to Center	46	2	0	48	43	2	0	45
Subtotal 2		97				90			
3	Center to Wells	11	0	0	11	12	0	0	12
	Wells to Madison	11	0	0	11	11	0	0	11
Subtotal 3		22				23			
TOTAL		188	8	7	203	173	9	7	189

LEGEND

- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- TEMPORARY EASEMENT LINE
- PROPOSED NEW TRAFFIC SIGNAL EQUIPMENT
- TRAFFIC FLOW

MATCH LINE A

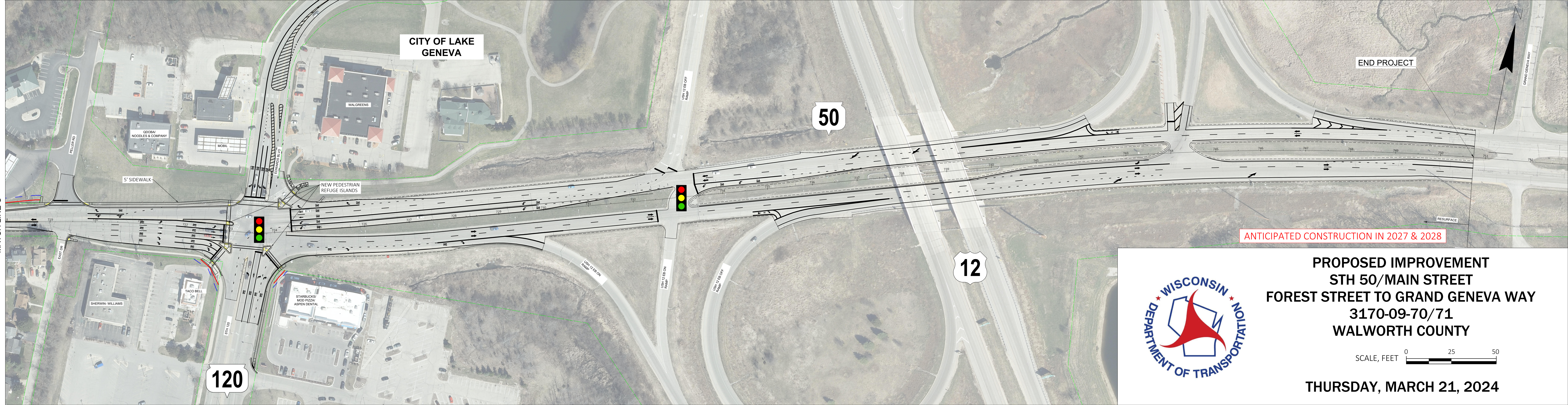
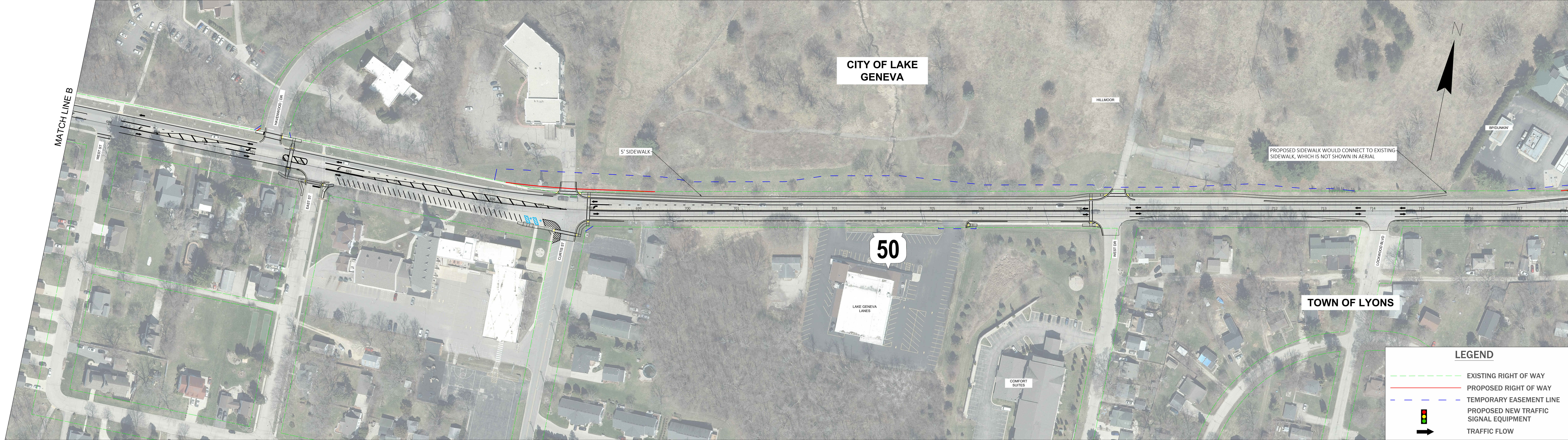
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MATCH LINE B

PARKING CHANGES

		Existing				Proposed			
		Normal	ADA	Motorcycle	Total	Normal	ADA	Motorcycle	Total
1	Maxwell to Warren	38	1	0	39	29	2	0	31
	Warren to Madison	30	0	0	30	28	2	0	30
	Madison to Cook	20	2	4	26	21	1	4	26
Subtotal 1		95				85			
2	Cook to Broad	43	3	3	49	40	2	3	45
	Broad to Center	46	2	0	48	43	2	0	45
Subtotal 2		97				90			
3	Center to Wells	11	0	0	11	12	0	0	12
	Wells to Madison	11	0	0	11	11	0	0	11
Subtotal 3		22				23			
TOTAL		188	8	7	203	173	9	7	189

CITY OF LAKE GENEVA



**CITY OF LAKE GENEVA
PROPOSAL
2024 JOINT & CRACK CLEANING & SEALING**

Bid opening date: 01 May 2024. 10:00am. Lake Geneva City Hall

City of Lake Geneva
City Clerk, City Hall
626 Geneva Street
Lake Geneva, WI 53147
(262) 248-3673

City Clerk:

We recognize the City of Lake Geneva will expend the lump sum amount of **\$49,000.00** to clean and seal joints and cracks, in accordance with City of Lake Geneva specifications. We have reviewed the following list and attached map, taking all necessary field measurements, and have **placed an X in front of the streets that we will perform a combination of Class I and Class II joint and crack cleaning and sealing as follows:**

JOINT & CRACK CLEANING & SEALING-CLASS I & CLASS II

<u>Street Name</u>	<u>From</u>	<u>To</u>
X North St	Center St	Broad St
X Wisconsin St	Elmwood	Madison St
X Madison St	W. Main St	Park Row
X Maxwell St	George St	Pleasant St
X Conant St	High St	City limits
X Dodge St	Pond view	Elmwood
X Bonnie Brae	South St	Oakwood Ln
X Rolling Ln	Entire Route	
X Wilmot Blvd	Entire Route	
X Townline Rd	Wells	Cumberland Trail
X Curtis St	Main St	Darwin St.
X Harmony Dr	Bloomfield Rd	Cadence Cir.
X Cadence Cir.	Harmony Dr	Sonata Way
X Sonata Way	Cadence Cir	Townline Rd
X Cappella Way	Cadence Cir	Gallant Dr
X Gallant Dr	Cappella Way	Harmony Dr
X Mill St	Geneva St	W. Main St
X Lot B Parking Lot on Lower Center St		
X Lot A Parking Lot on Geneva St		

South Lakeshore Dr. From the start of Guard rail South of Maytag to City Limit.
(The Boat House). This Section will need Mastic to fill cracks. Or something comparable. Also, top dressed with aggregate. The city will provide top dress aggregate.

Can do up to 3000 LF of mastic & meet Budget on south lakeshore

Fahrner Asphalt Sealers, LLC
318 Raemisch Rd.
Waunakee WI 53597

MANDATORY ADD, separate from above.

Utility Seepage Cells off Hwy 50. Crack filling and Chip Seal as described on attached map.

Price; \$ 35,068.00 Includes 7 in Infrared heats & mastic crack filling

Contact the Utility Director with questions. Mr. Josh Gajewski. (262)248-2311

It is the intent that the checked list follows in priority order, but the size of some of the listed streets may necessitate skipping a street near the bottom of the list in favor of a lesser cost street.

If all streets are checked to be done for the budgeted amount, indicate the balance if any, of City funding remaining to be allocated to additional City Street crack filling.

\$ 0

Work must be started within 15 days of the award.

The city of Lake Geneva will pay within (30) days of completion of job.

Completion date if different than 27 June 2024

Guarantee/warranty (be specific): 3 years

Product literature included.

☐

Yes

☒

No

Comments:

We recognize the City will award this contract to the vendor whose proposal is deemed most advantageous to the City.

Respectfully Submitted,

Payment Terms:

 % days

Net days

Date:

Firm: Fahrner Asphalt Sealers, LLC

Signature:

Ben Linzmeier, Vice President

Address: 316 Raemisch Road

Waunakee, WI 53597

Phone: 608-849-6466 Fax: 608-849-6470

A 5% Bid Bond shall be required. Amount of Bond; \$ Five Percent of total amount bid
Included; Yes X No

**ADDENDUM #1,
2024 Joint & Crack Cleaning & Sealing – Various Locations
City of Lake Geneva.**

- 1. Curb lines.**
 - a. Curb lines shall be cleaned with compressed air and sealed at the discretion of the Superintendent.**
 - b. Contractor shall supply a per lineal foot price on curb line sealing applicable to the above 1.a.**

Price per lineal foot of curb line. \$ 0.15 per lineal foot.

**CITY OF LAKE GENEVA
PROPOSAL
2024 JOINT & CRACK CLEANING & SEALING**

Bid opening date: 01 May 2024. 10:00am. Lake Geneva City Hall

City of Lake Geneva
City Clerk, City Hall
626 Geneva Street
Lake Geneva, WI 53147
(262) 248-3673

City Clerk:

We recognize the City of Lake Geneva will expend the lump sum amount of **\$49,000.00** to clean and seal joints and cracks, in accordance with City of Lake Geneva specifications. We have reviewed the following list and attached map, taking all necessary field measurements, and have **placed an X in front of the streets that we will perform a combination of Class I and Class II joint and crack cleaning and sealing as follows:**

JOINT & CRACK CLEANING & SEALING-CLASS I & CLASS II

	<u>Street Name</u>	<u>From</u>	<u>To</u>
<u> X </u>	North St	Center St	Broad St
<u> X </u>	Wisconsin St	Elmwood	Madison St
<u> X </u>	Madison St	W. Main St	Park Row
<u> X </u>	Maxwell St	George St	Pleasant St
<u> </u>	Conant St	High St	City limits
<u> </u>	Dodge St	Pond view	Elmwood
<u> </u>	Bonnie Brae	South St	Oakwood Ln
<u> </u>	Rolling Ln	Entire Route	
<u> </u>	Wilmot Blvd	Entire Route	
<u> </u>	Townline Rd	Wells	Cumberland Trail
<u> </u>	Curtis St	Main St	Darwin St.
<u> </u>	Harmony Dr	Bloomfield Rd	Cadence Cir.
<u> X </u>	Cadence Cir.	Harmony Dr	Sonata Way
<u> X </u>	Sonata Way	Cadence Cir	Townline Rd
<u> X </u>	Cappella Way	Cadence Cir	Gallant Dr
<u> X </u>	Gallant Dr	Cappella Way	Harmony Dr
<u> </u>	Mill St	Geneva St	W. Main St
<u> </u>	Lot B Parking Lot on Lower Center St		
<u> </u>	Lot A Parking Lot on Geneva St		
<u> X </u>	South Lakeshore Dr. From the start of Guard rail South of Maytag to City Limit.		

(The Boat House). This Section will need Mastic to fill cracks. Or something comparable. Also, top dressed with aggerate. The city will provide top dress aggerate.

South Lakeshore Dr includes Mastic, Crackfilling,
and Flagging for both operations.

Thunder Road LLC
W297 S3549 Boettcher Rd
Genesee, WI 53189

*Includes, Mastic on
60 cross cracks and
some near shop,
weedwhack and clean
and crackfill,
and chip seal
per spec provided.*

MANDATORY ADD, separate from above.

Utility Seepage Cells off Hwy 50. Crack filling and Chip Seal as described on attached map.

Price; \$ 39,800.00

Contact the Utility Director with questions. Mr. Josh Gajewski. (262)248-2311

It is the intent that the checked list follows in priority order, but the size of some of the listed streets may necessitate skipping a street near the bottom of the list in favor of a lesser cost street.

If all streets are checked to be done for the budgeted amount, indicate the balance if any, of City funding remaining to be allocated to additional City Street crack filling.

\$ NA

Work must be started within 15 days of the award.

The city of Lake Geneva will pay within (30) days of completion of job.

Completion date if different than 27 June 2024 6/27/2024

Guarantee/warranty (be specific): 1 year warranty on Material and
workmanship

Product literature included. ☒ Yes ☐ No

Comments: Majority of budget is on S. Lakeshore Dr.

Mastic will greatly help the condition of this road.

Cadence, Sonata, Cappella, and Gallant are newer than others
and should be addressed

We recognize the City will award this contract to the vendor whose proposal is deemed most advantageous to the City.

Respectfully Submitted,

Payment Terms:

 % days

Net days

Date: May 1 2024

Firm: Thunder Road LLC

Signature: Tim S.

Address: W 2975 49 Boettcher Road

Geneseo, WI 53189

Phone: 262-490-7181 Fax:

A 5% Bid Bond shall be required. Amount of Bond; \$ Bid Bond
Included; Yes x No

**ADDENDUM #1,
2024 Joint & Crack Cleaning & Sealing – Various Locations
City of Lake Geneva.**

- 1. Curb lines.**
 - a. Curb lines shall be cleaned with compressed air and sealed at the discretion of the Superintendent.**
 - b. Contractor shall supply a per lineal foot price on curb line sealing applicable to the above 1.a.**

Price per lineal foot of curb line. \$ 0.95 _____ per lineal foot.

Lake Geneva Utility Commission

2023 Consumer Confidence Report Data

PWS ID: 26500661



The Lake Geneva Utility Commission is pleased to provide you with this year's Annual Water Quality Report. If you would like to know more about the information contained in this report, please contact Water Superintendent Jeff Ecklund at (262) 248-2311.

To learn more about the Commission, please visit our website at www.lgutilitycommission.com or attend one of our regularly scheduled Commission meetings held on the third Monday of each month at 4:00PM at City Hall, 626 Geneva Street, Lake Geneva, WI.

Este informe contiene informacion importante acerca de su agua potable. Haga que alguien lo traduzca para usted, o hable con alguien que lo entienda.

Dlaim ntawv tshaabzu nuav muaj lug tseemceeb heev nyob rua huv kws has txug cov dlej mej haus. Kuas ib tug paab txhais rua koj, los nrug ib tug kws paub lug thaam.

Lake Geneva Utility Commission
P.O. Box 187—361 W. Main Street
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Health Information

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's safe drinking water hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune systems disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the Environmental Protection Agency's safe drinking water hotline (800-426-4791).

Sources of Water

Source ID	Source	Depth (in feet)	Status
2	Groundwater	205	Active
3	Groundwater	95	Active
4	Groundwater	106	Active
5	Groundwater	103	Active

To obtain a summary of the source water assessment please contact Water Superintendent Jeff Ecklund at (262) 248-2311.

Educational Information

The sources of drinking water, both tap water and bottled water, include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally- occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff and septic systems.
- Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water, which shall provide the same protection for public health.



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Detected Contaminants

Your water was tested for many contaminants last year. We are allowed to monitor for some contaminants less frequently than once a year. The tables list only those contaminants which were detected in your water. If a contaminant was detected last year, it will appear in the tables without a sample date. If the contaminant was not monitored last year, but was detected within the last 5 years, the result will appear in the tables along with the sample date.

Additional Health Information

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Lake Geneva Utility Commission is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at www.epa.gov/safewater/lead.

If you would like to receive up-to-date information from the Utility Commission sign up for Nixle alerts. Text Lake Geneva to 888777.



Disinfection Byproducts:

Contaminant (units)	Site	MCL	MCLG	Level Found	Range	Sample Date (if prior to 2023)	Violation	Typical Source of Contaminant
HAA5 (ppb)	DBP1	60	60	7	7		No	By-product of drinking water chlorination
TTHM (ppb)	DBP1	80	0	34.2	34.2		No	By-product of drinking water chlorination

Inorganic Contaminants:

Contaminant (units)	Site	MCL	MCLG	Level Found	Range	Sample Date (if prior to 2023)	Violation	Typical Source of Contaminant
BARIUM (ppm)		2	2	0.140	0.140		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
FLUORIDE (ppm)		4	4	0.8	0.8		No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
NICKEL (ppb)		100		1.6000	1.6000		No	Nickel occurs naturally in soils, ground water and surface waters and is often used in electroplating, stainless steel and alloy products
NITRATE (NO3-N) (ppm)		10	10	1.10	1.10		No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
SODIUM (ppm)		n/a	n/a	44.00	44.00		No	n/a

Contaminant (units)	Action Level	MCLG	90th Percentile Level Found	# of Results	Sample Date (if prior to 2023)	Violation	Typical Source of Contaminant
COPPER (ppm)	AL=1.3	1.3	0.6400	0 of 20 results were above the action level.		No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
LEAD (ppb)	AL=15	0	8.00	0 of 20 results were above the action level.		No	Corrosion of household plumbing systems; Erosion of natural deposits

Radioactive Contaminants:

Contaminant	Site	MCL	MCLG	Level	Range	Sample Date (if prior to 2023)	Violation	Typical Source of Contaminant
GROSS ALPHA, EXCL. R & U (pCi/l)		15	0	0.6	0.0 - 0.6	6/9/2020	No	Erosion of natural deposits
COMBINED URANIUM (ug/l)		30	0	0.4	0.3 - 0.4	6/9/2020	No	Erosion of natural deposits

Water Hardness: The simple definition of water hardness is the amount of dissolved calcium & magnesium in the water. Our hardness level is 20-22 grains per gallon.

Definitions

Term	Definition
AL	Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
HA & HAL	HA: Health Advisory. An estimate of acceptable drinking water levels for a chemical substance based on health effects information. HAL: Health Advisory Level is a concentration of a contaminant which, if exceeded, poses a health risk and may require a system to post a public notice. Health Advisories are determined by US EPA.
HI	Hazard Index: A Hazard Index is used to assess the potential health impacts associated with mixtures of contaminants. Hazard Index guidance for a class of contaminants or mixture of contaminants may be determined by the US EPA or Wisconsin Department of Health Services. If a Health Index is exceeded a system may be required to post a public notice.
Level 1 Assessment	A Level 1 assessment is a study of the water system to identify potential problems and determine, if possible, why total coliform bacteria have been found in our water system.
Level 2 Assessment	A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine, if possible, why an E. coli MCL violation has occurred or why total coliform bacteria have been found in our water system, or both, on multiple occasions.
MCL	Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLGs as feasible using the best available treatment technology.
MCLG	Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
MFL	Million fibers per liter
MRDL	Maximum residual disinfectant level: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MRDLG	Maximum residual disinfectant level goal: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
mrem/year	Millirems per year (a measure of radiation absorbed by the body)
NTU	Nephelometric Turbidity Units
pCi/l	Picocuries per liter (a measure of radioactivity)
ppm	Parts per million, or milligrams per liter (mg/l)
ppb	Parts per billion, or micrograms per liter (ug/l)
ppt	Parts per trillion, or nanograms per liter
ppq	Parts per quadrillion, or picograms per liter
PHGS	Public Health Groundwater Standards are found in NR 140 Groundwater Quality. The concentration of a contaminant which, if exceeded, poses a health risk and may require a system to post a public notice.
RPHGS	Recommended Public Health Groundwater Standards: Groundwater standards proposed by the Wisconsin Department of Health Services. The concentration of a contaminant which, if exceeded, poses a health risk and may require a system to post a public notice.
SMCL	Secondary drinking water standards or Secondary Maximum Contaminant Levels for contaminants that affect taste, odor, or appearance of the drinking water. The SMCLs do not represent health standards.
TCR	Total Coliform Rule
TT	Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.

PFAS Information

PFAS Contaminants with a Recommended Health Advisory Level

Perfluoroalkyl and polyfluoroalkyl substances (PFAS) are a large group of human-made chemicals that have been used in industry and consumer products worldwide since 1950. The following table lists PFAS contaminants which were detected in your water and that have a Recommended Public Health Groundwater Standard (RPHGS) or Health Advisory Level (HAL). There are no violations for detections of contaminants that exceed the RPHGS or HAL. The RPHGS are levels at which concentrations of the contaminant present a health risk and are based on guidance provided by the Wisconsin Department of Health Services.

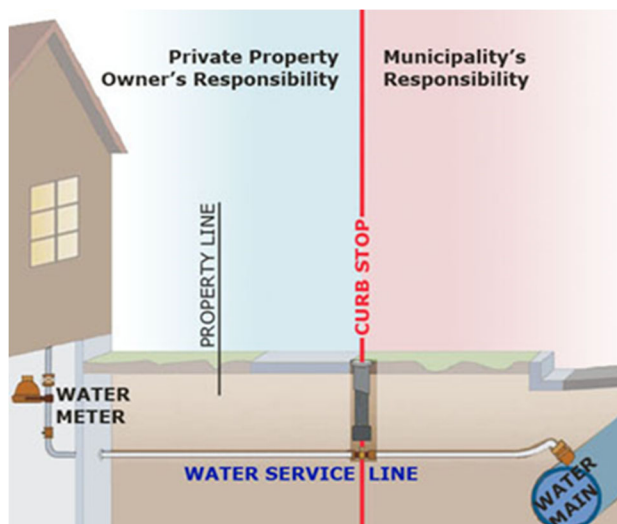
Typical Source of Contaminant

Drinking water is one way that people can be exposed to PFAS. In Wisconsin, two-thirds of people use groundwater as their drinking water source. PFAS can get in groundwater from places that make or use PFAS and release from consumer products in landfills.

Contaminant (units)	RPHGS or HAL (PPT)	Level Found	Range	Sample Date (if prior to 2023)
PFBS (ppt)	450000	4.7	4.60-4.70	
PFHXS (ppt)	40	3.50	3.40-3.50	
PFHXA (ppt)	150000	1.50	1.50	
PFOS (ppt)	20	2.30	2.10-2.30	
PFOA (ppt)	20	3.30	3.30	
PFOA & PFOS TOTAL (ppt)	20	5.60	5.40-5.60	

YOUR WATER SERVICE LATERAL

If you are a customer of the Water Utility, you have a service line that connects your home or business to the water system to provide you with potable water. The size, age, material and location of each property's service line does vary based on the location. The Utility is responsible for maintaining every service line from the connection point at the water main to the curb box, including the curb stop valve. Homeowners are responsible to maintain and repair the water service line from the point of connection at the curb box to and through their home or business.

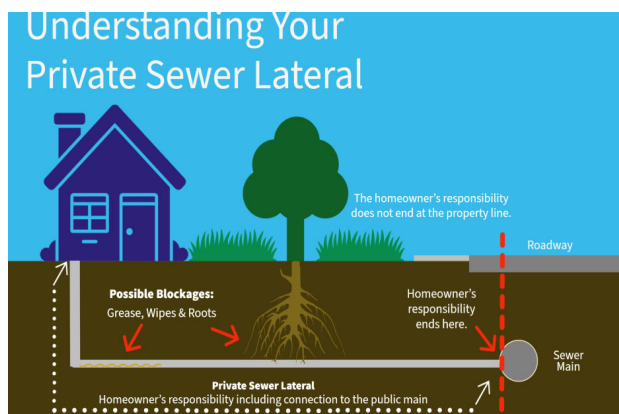


Water Meters

Within homes and businesses, the Utility owns and is responsible for maintaining the water meter that is used to generate billings. Customers are required to provide access to the meter when requested by the Utility.

YOUR SEWER SERVICE LATERAL

Homeowners are responsible for the maintenance and repair of the private sanitary sewer service line that extends from within their home or business to the point of connection to the public sanitary sewer main.



Preventative Maintenance

Homeowners can do easy things to avoid unpleasant and costly backups.

- Do not plant trees and/or shrubs over private building sewer pipes
- Do not flush wipes down your toilet
- Do not flush fats, oils or grease down your drains
- Only flush the 3 P's: Pee, Poop & Toilet Paper

**TOILETS ARE
NOT
TRASHCANS**



Annual Water Quality Reporting

The 1996 Amendments to the Safe Drinking Water Act (SDWA) created a public information requirement for municipal water systems. The Lake Geneva Utility Commission is required to annually publish a Consumer Confidence Report (CCR) and to make a copy available to all water utility customers.

This report provides the results of water quality testing on the water system, along with information about the water supply from the most recently completed operational year. A summary of the contaminants tested is provided along with educational information regarding any potential health effects they may have on consumers. We hope you find the information contained in this report to be useful. Copies of previous years reports are available on our website

www.lgutilitycommission.com



Sign up for e-bills and/or pay your bill online with our partner Payment Service Network. Find the link on our website.

Billing: All customers are billed quarterly in January, April, July & October.

Bills are due on the 20th of the billing month.