



**22-02 Street Recon Deerwood Homes  
Maple Grove, MN  
Lumen Facilities  
Reviewed by RJ Allison on 06/14/2022**

Below are the following Lumen conflicts as part of the 22-02 Street Recon Deerwood Homes Project in Maple Grove, MN.

**Park Construction:** Blake Pfankuch (612.500.7742)

**Terra Technologies:** RJ Allison (612.388.7375)

**Lumen:** Jacob Hemstrom (763.326.2514)

**Construction Date:** May 2022

**County:** Hennepin

**Wire Center:** OSSEMNXO

**Zip Code:** 55369

01. 72<sup>nd</sup> Ave N, STA 0+50 (RT), Sheet 20  
Conflict: (2) Existing 12 pairs crossing proposed storm sewer.  
Solution: Road contractor to protect and support cables.
02. 72<sup>nd</sup> Ave N, STA 12+85 (RT), Sheet 21  
Conflict: Existing pedestal in close proximity to proposed storm sewer.  
Solution: LUMEN to support pedestal at edge of storm sewer trench. Reset at finished grade after construction complete.
03. 71<sup>st</sup> PI N, STA 0+25 (CL), Sheet 22  
Conflict: Existing 50 pair crossing proposed storm sewer.  
Solution: Road contractor to protect and support cable.
04. 71<sup>st</sup> PI N, STA 5+15 (RT), Sheet 22  
Conflict: Existing pedestal in close proximity to proposed storm sewer.  
Solution: LUMEN to support pedestal at edge of storm sewer trench. Reset at finished grade after construction complete.
05. 71<sup>st</sup> Ave N, STA 6+75 (RT), Sheet 23  
Conflict: Existing pedestal in close proximity to proposed storm sewer.  
Solution: Road contractor to protect and support pedestal as needed.
06. 71<sup>st</sup> Ave N, STA 6+75 (LT to RT), Sheet 23  
Conflict: Existing 300 pair crossing proposed storm sewer.  
Solution: Road contractor to protect and support cable.
07. Arrowwood Ln N, STA 5+00 (RT), Sheet 23  
Conflict: Existing 50 pair crossing proposed storm sewer.  
Solution: Road contractor to protect and support cable.
08. 70<sup>th</sup> PI N, STA 8+75 (CL), Sheet 25  
Conflict: Existing 25 pair crossing proposed storm sewer.  
Solution: Road contractor to protect and support cable.

09. Balsam Ln N, STA 2+15 (CL), Sheet 27  
Conflict: Existing 100 pair crossing proposed storm sewer.  
Solution: Road contractor to protect and support cable.
10. Balsam Ln N, STA 4+50 (CL), Sheet 27  
Conflict: Existing 50 pair crossing proposed storm sewer.  
Solution: Road contractor to protect and support cable.
11. Ximines Ln N, STA 3+75 (LT), Sheet 28  
Conflict: Existing 25 pair crossing proposed storm sewer.  
Solution: Road contractor to protect and support cable.
12. 69<sup>th</sup> Ave N, STA 18+25 (LT), Sheet 36  
Conflict: Cutoff pole directly behind LUMEN pedestal.  
Solution: LUMEN to remove cutoff pole.
13. Trenton Ln, STA 13+00 (RT), Sheet 39  
Conflict: Existing pedestal in conflict with proposed cul-de-sac.  
Solution: LUMEN to adjust pedestal approximately 25' NW. Splice in slack as necessary. Coordinate final pedestal location with road contractor.

# CITY OF MAPLE GROVE, MN - HENNEPIN COUNTY

## 22-02 STREET RECON DEERWOOD HOMES

### LOCATED ON MULTIPLE STREETS

# LUMEN WORK PLAN

## PROJECT P.006736 / TERR-1008099

PLANS PREPARED FOR



LUMEN ENGINEER: BILL BYERS  
 EMAIL: BILL.BYERS@LUMEN.COM  
 PHONE: 651.829.5383  
 LUMEN CONSTRUCTION CONTACT: JACOB HEMSTROM  
 EMAIL: JACOB.HEMSTROM@LUMEN.COM  
 PHONE: 763.326.2514  
 WIRECENTER: OSSEMNXO

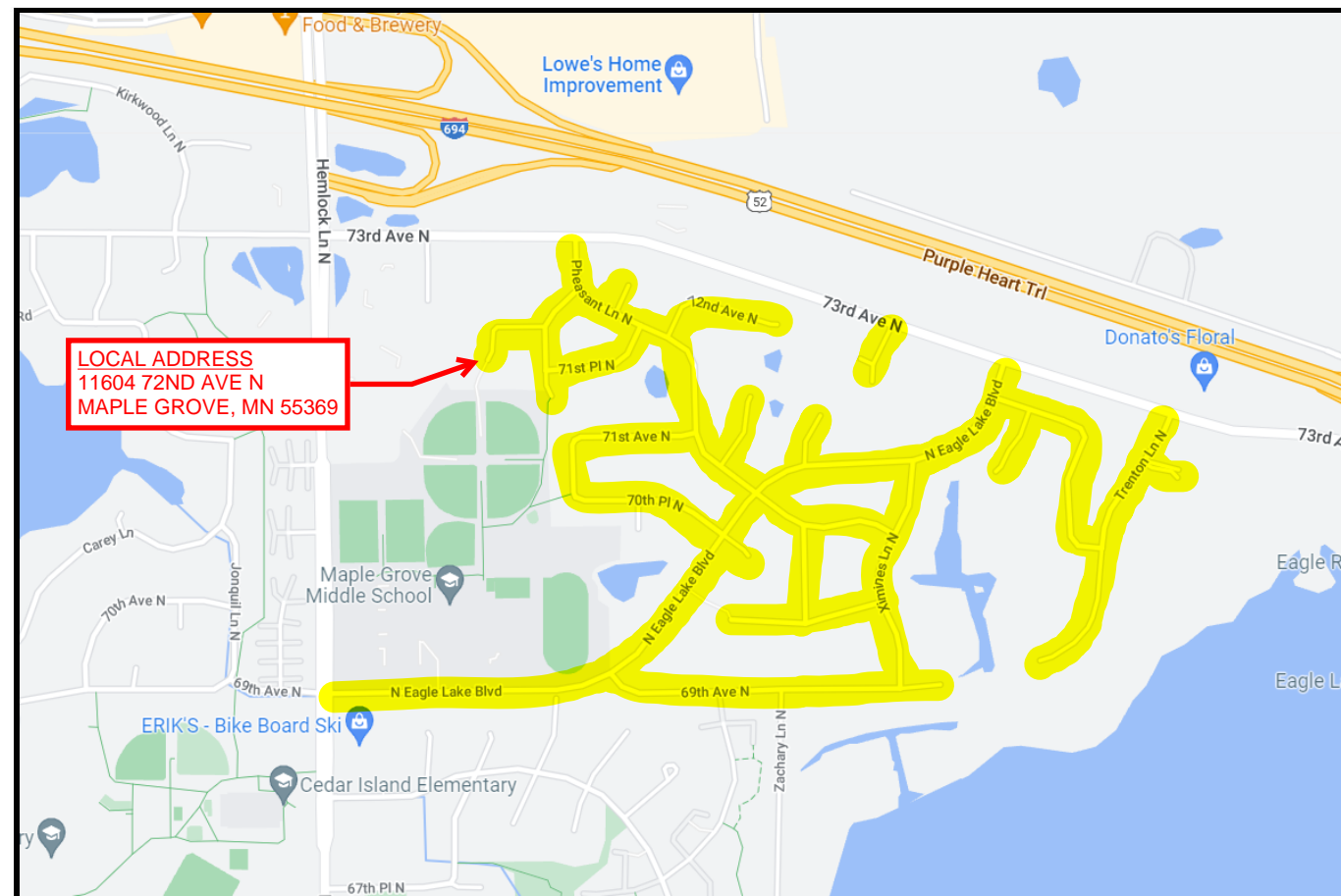
PLANS PREPARED BY



TT ENGINEER: RJ ALLISON  
 PHONE: 612.388.7375  
 EMAIL: RALLISON@TERRATECHLLC.NET

PROJECT CONTACT

OWNER: KELLY MATZKE - CITY OF MAPLE GROVE  
 PHONE: 612.968.3615  
 EMAIL: KMATZKE@MAPLEGROVEMN.GOV  
 PROJECT ENGINEER: KELLY MATZKE - CITY OF MAPLE GROVE  
 PHONE: 612.968.3615  
 EMAIL: KMATZKE@MAPLEGROVEMN.GOV  
 SURVEY/STAKING: KELLY MATZKE - CITY OF MAPLE GROVE  
 PHONE: 612.968.3615  
 EMAIL: KMATZKE@MAPLEGROVEMN.GOV  
 ROAD CONTRACTOR: BLAKE PFANKUCH - PARK CONSTRUCTION  
 PHONE: 612.500.7742  
 EMAIL: BPFANKUCH@PARKCONSTRUCTIONCO.COM



LOCATION MAP  
NOT TO SCALE

FOR REFERENCE ONLY

PERMITS REQUIRED:  YES  NO

CITY: MAPLE GROVE

COUNTY:

STATE:

RAILROAD:

PIPELINE:

DNR:

MISCELLANEOUS:

CUTS REQUIRED:  YES  NO

FIBER OPTIC

COPPER

MIGRATIONS REQUIRED:  YES  NO

PRECONSTRUCTION MEETING DATE: UNK

EXPECTED ROADWAY CONSTRUCTION START DATE: 5/1/22

NOTES:

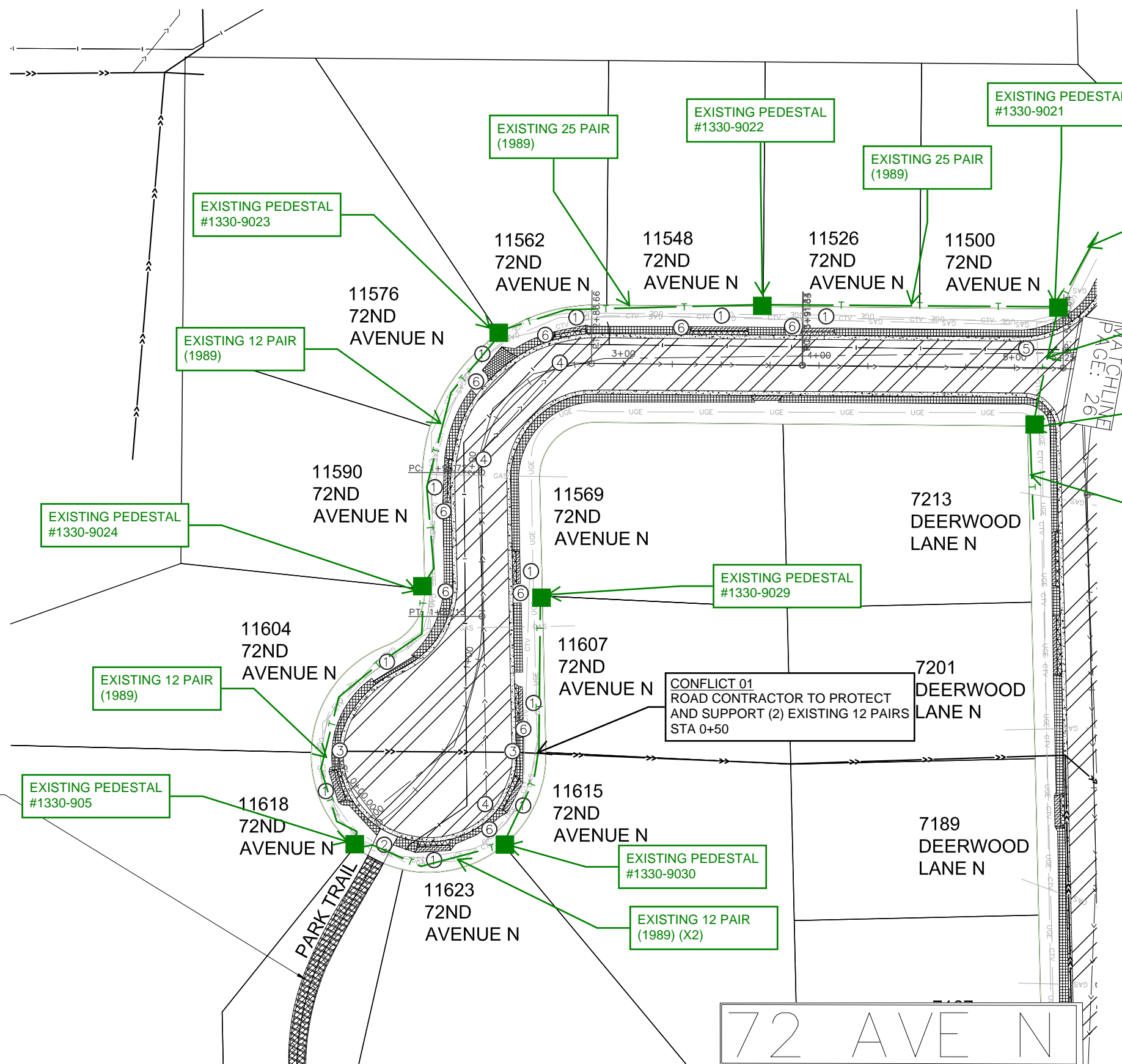
ALL EXISTING AND PROPOSED CONDITIONS ARE BASED ON INFORMATION PROVIDED BY OTHERS. LUMEN CANNOT BE RESPONSIBLE FOR THE ACCURACY OF INFORMATION AND/OR PLANS PROVIDED BY OUTSIDE PARTIES. FACILITY LOCATIONS, DEPTHS AND ELEVATIONS SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

PROPOSED DESIGN MODIFICATIONS ARE RECOMMENDATIONS ONLY AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION.

REVISION	DATE







PATCHLINE  
PAGE: 26

NO.	DATE	BY	REVISIONS

72 AVE N  
0+00 - 05+25

\\A\C2888fb9e.dib  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA  
*[Signature]*  
LIC. NO. 47064  
DATE: 03/09/22

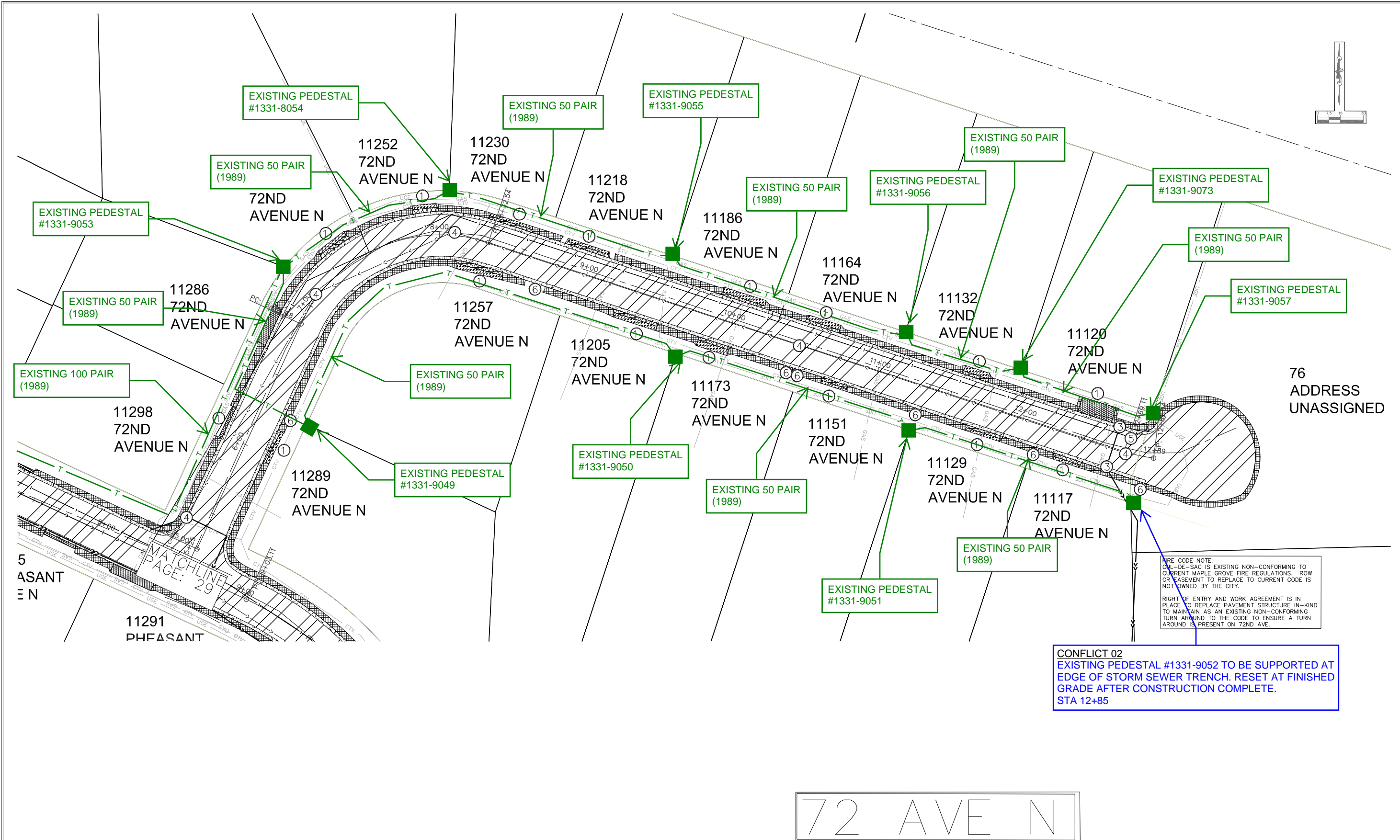
PARK TRAIL BEHIND THE ROW NOT PART OF PROJECT: 22-02. WORK WILL BE COMPLETED AS PART OF PARKS PROJECT DURING SUMMER MONTHS. COORDINATION FOR TIE-IN OF WORK WILL BE NECESSARY.

LEGEND		NOTES	
	REPLACE BIT PAVEMENT	⑤	ADJUST GATE VALVE & BOX
	REPLACE BIT DRIVEWAY PAVEMENT	⑥	SALVAGE AND INSTALL MAILBOX
	CONCRETE SIDEWALK	①	INSTALL CONC DW APRON
	TEMP HYDROMULCH/PERMANENT SOD	②	INSTALL ADA PED RAMP
	NEW CONCRETE CURB - B618	③	ADJUST CB CASTING
	REPLACE BIT TRAIL	④	ADJUST MH CASTING
	CONC APRON WITH BIT PATCH		
	CONC APRON WITH CONC PATCH		

NOTES

- 11500 72nd Ave requires disability access to home daily, pour DW 1/2+1/2
- See page 75 for ped ramp details
- 
- 
- 

DRAWN: JRB  
CHECKED: JRB  
APPROVED: JCH  
DATE: 03/09/22  
CONTR.# ENG 22-02  
SHEET 20 OF 81



PER CODE NOTE:  
 CUL-DE-SAC IS EXISTING NON-CONFORMING TO  
 CURRENT MAPLE GROVE FIRE REGULATIONS. ROW  
 OR EASEMENT TO REPLACE TO CURRENT CODE IS  
 NOT OWNED BY THE CITY.  
 RIGHT OF ENTRY AND WORK AGREEMENT IS IN  
 PLACE TO REPLACE PAVEMENT STRUCTURE IN-KIND  
 TO MAINTAIN AS AN EXISTING NON-CONFORMING  
 TURN AROUND TO THE CODE TO ENSURE A TURN  
 AROUND IS PRESENT ON 72ND AVE.

CONFLICT 02  
 EXISTING PEDESTAL #1331-9052 TO BE SUPPORTED AT  
 EDGE OF STORM SEWER TRENCH. RESET AT FINISHED  
 GRADE AFTER CONSTRUCTION COMPLETE.  
 STA 12+85

72 AVE N

NO.	DATE	BY	REVISIONS

72ND AVE N  
 05+25 - 12+88

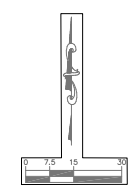
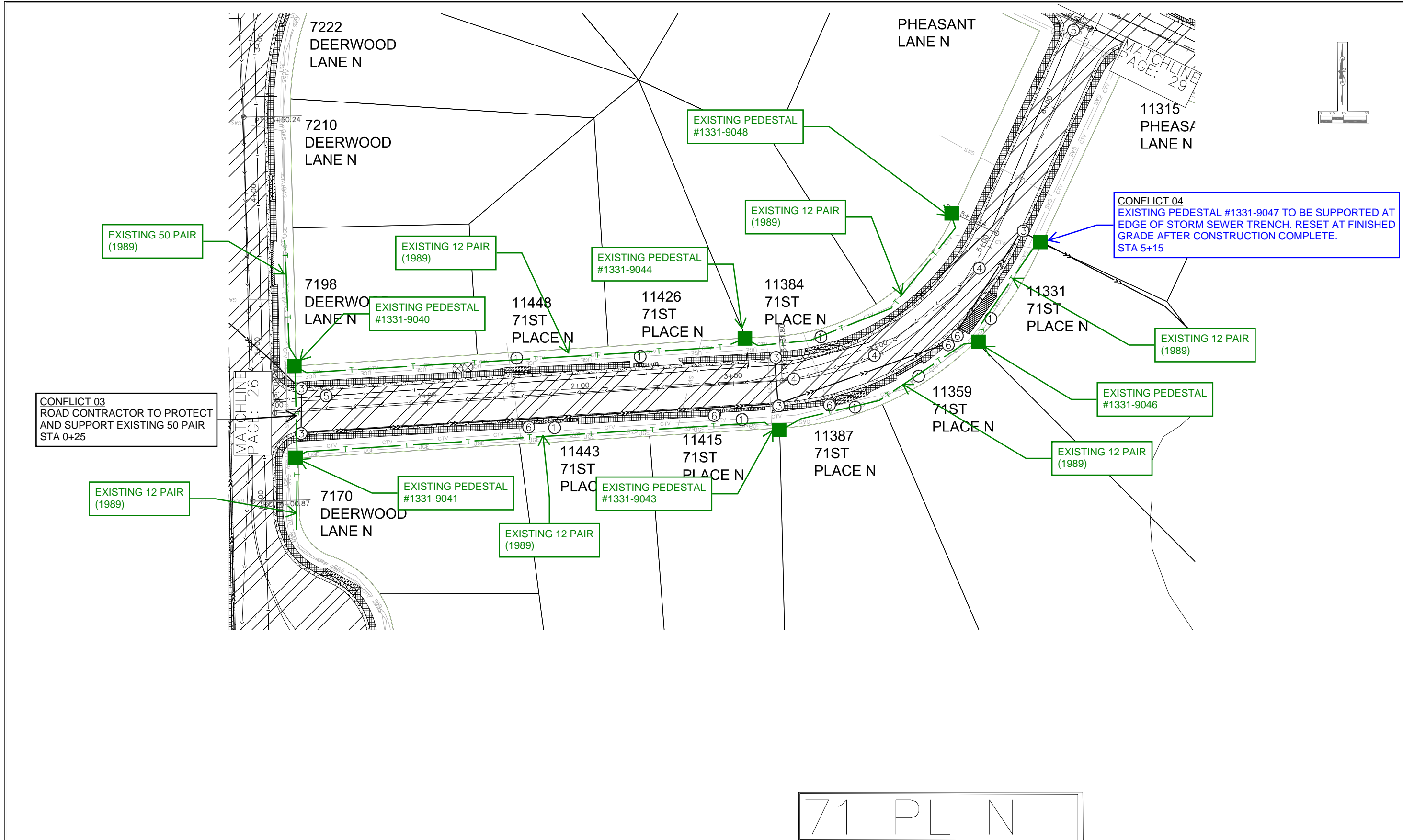
\\A\C28888\fb9e.dib  
 12800 ARBOR LAKES PARKWAY  
 MAPLE GROVE, MN 55311  
 PHONE: (763) 494-6350

2022 MAPLE GROVE  
 STREET RECONSTRUCTION  
 PROGRAM

I HEREBY CERTIFY THAT THIS  
 PLAN WAS PREPARED BY ME OR  
 UNDER MY DIRECT SUPERVISION  
 AND THAT I AM A DULY  
 LICENSED PROFESSIONAL ENGINEER  
 UNDER THE LAWS OF THE STATE  
 OF MINNESOTA  
  
 DATE: 03/09/22  
 LIC. NO. 47064

DRAWN: JRB  
 CHECKED: JRB  
 APPROVED: JCH  
 DATE: 03/09/22  
 CONTR. #ENG 22-02  
 SHEET 21 OF 81

LEGEND		NOTES	
	REPLACE BIT PAVEMENT	⑤	ADJUST GATE VALVE & BOX
	REPLACE BIT DRIVEWAY PAVEMENT	⑥	SALVAGE AND INSTALL MAILBOX
	CONCRETE SIDEWALK	①	INSTALL CONC DW APRON
	TEMP HYDROMULCH/PERMANENT SOD	②	INSTALL ADA PED RAMP
	NEW CONCRETE CURB - B618	③	ADJUST CB CASTING
	REPLACE BIT TRAIL	④	ADJUST MH CASTING
	CONC APRON WITH BIT PATCH		
	CONC APRON WITH CONC PATCH		



NO.	DATE	BY	REMARKS

**71ST PL N**  
0+00 - 06+57

\\A\C2888fb9.e.dib  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

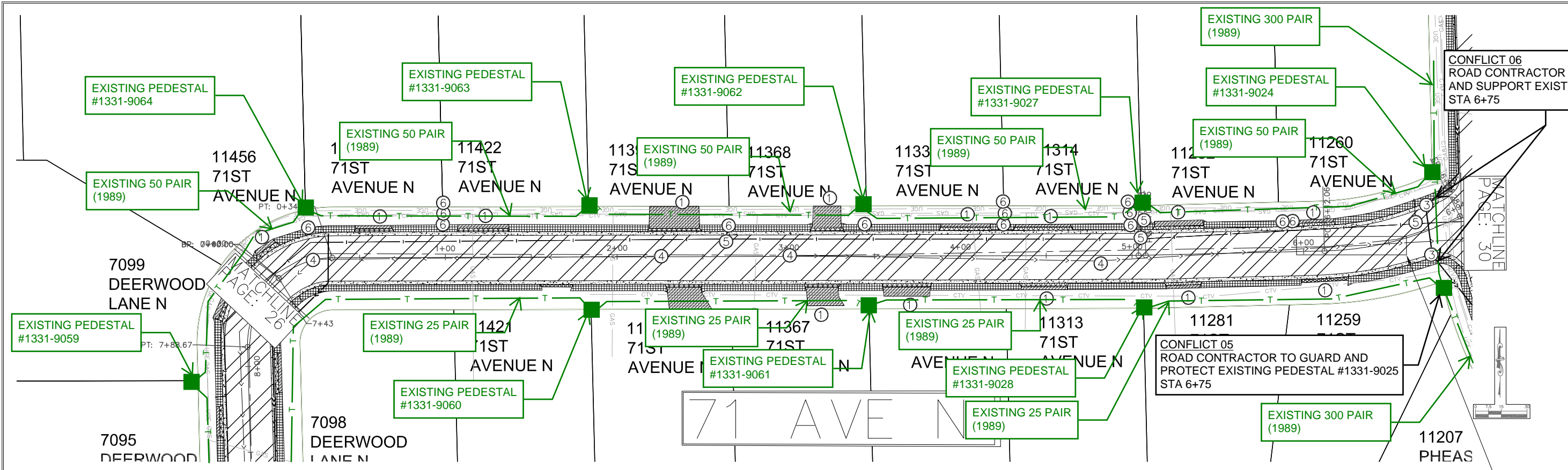
**2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM**

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
*[Signature]*  
DATE: 03/09/22  
UC. NO. 42064

DRAWN: JRB  
CHECKED: JRB  
APPROVED: JCH  
DATE: 03/09/22  
CONTR.# ENG 22-02  
SHEET 22 OF 81

71 PL N

LEGEND		NOTES	
REPLACE BIT PAVEMENT	REPLACE BIT TRAIL	⑤ ADJUST GATE VALVE & BOX	1.
REPLACE BIT DRIVEWAY PAVEMENT	① INSTALL CONC DW APRON	⑥ SALVAGE AND INSTALL MAILBOX	2.
CONCRETE SIDEWALK	② INSTALL ADA PED RAMP		3.
TEMP HYDROMULCH/PERMANENT SOD	③ ADJUST CB CASTING	CONC APRON WITH BIT PATCH	4.
NEW CONCRETE CURB - B618	④ ADJUST MH CASTING	CONC APRON WITH CONC PATCH	5.



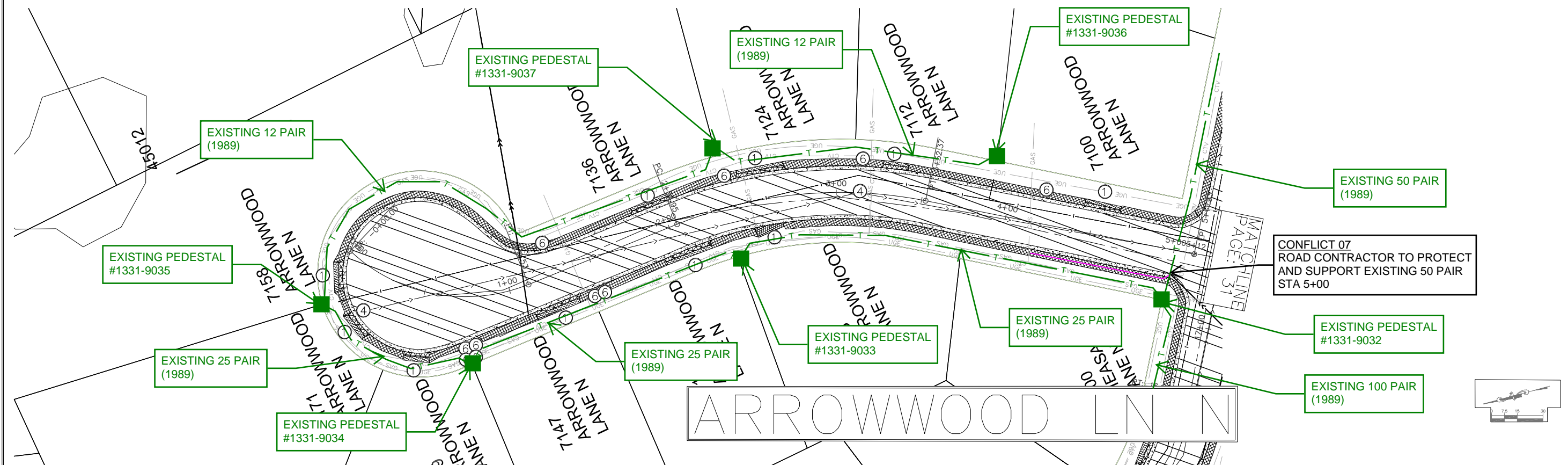
CONFLICT 06  
ROAD CONTRACTOR TO PROTECT  
AND SUPPORT EXISTING 300 PAIR  
STA 6+75

CONFLICT 05  
ROAD CONTRACTOR TO GUARD AND  
PROTECT EXISTING PEDESTAL #1331-9025  
STA 6+75

LEGEND		
	REPLACE BIT PAVEMENT	⑤ ADJUST GATE VALVE & BOX
	REPLACE BIT TRAIL	⑥ SALVAGE AND INSTALL MAILBOX
	REPLACE BIT DRIVEWAY PAVEMENT	① INSTALL CONC DW APRON
	CONCRETE SIDEWALK	② INSTALL ADA PED RAMP
	TEMP HYDROMULCH/PERMANENT SOD	③ ADJUST CB CASTING
	NEW CONCRETE CURB - B618	④ ADJUST MH CASTING
		CONC APRON WITH BIT PATCH
		CONC APRON WITH CONC PATCH

NOTES

1. For storm sewer improvements, see page 48 for 71st Ave N.
2. For storm improvements, see page 49 for Arrowwood Lane N.
3. See page 24 for 71st Ave N road grade adjustments.
4. Sanitary Main Repair in vicinity of box above May 22', ensure compaction
- 5.



CONFLICT 07  
ROAD CONTRACTOR TO PROTECT  
AND SUPPORT EXISTING 50 PAIR  
STA 5+00

REVISIONS

NO.	DATE	BY

71ST AVE N  
00+00 - 06+94  
ARROWWOOD LANE N  
00+00 - 05+12

MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM

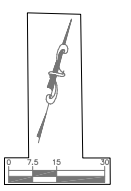
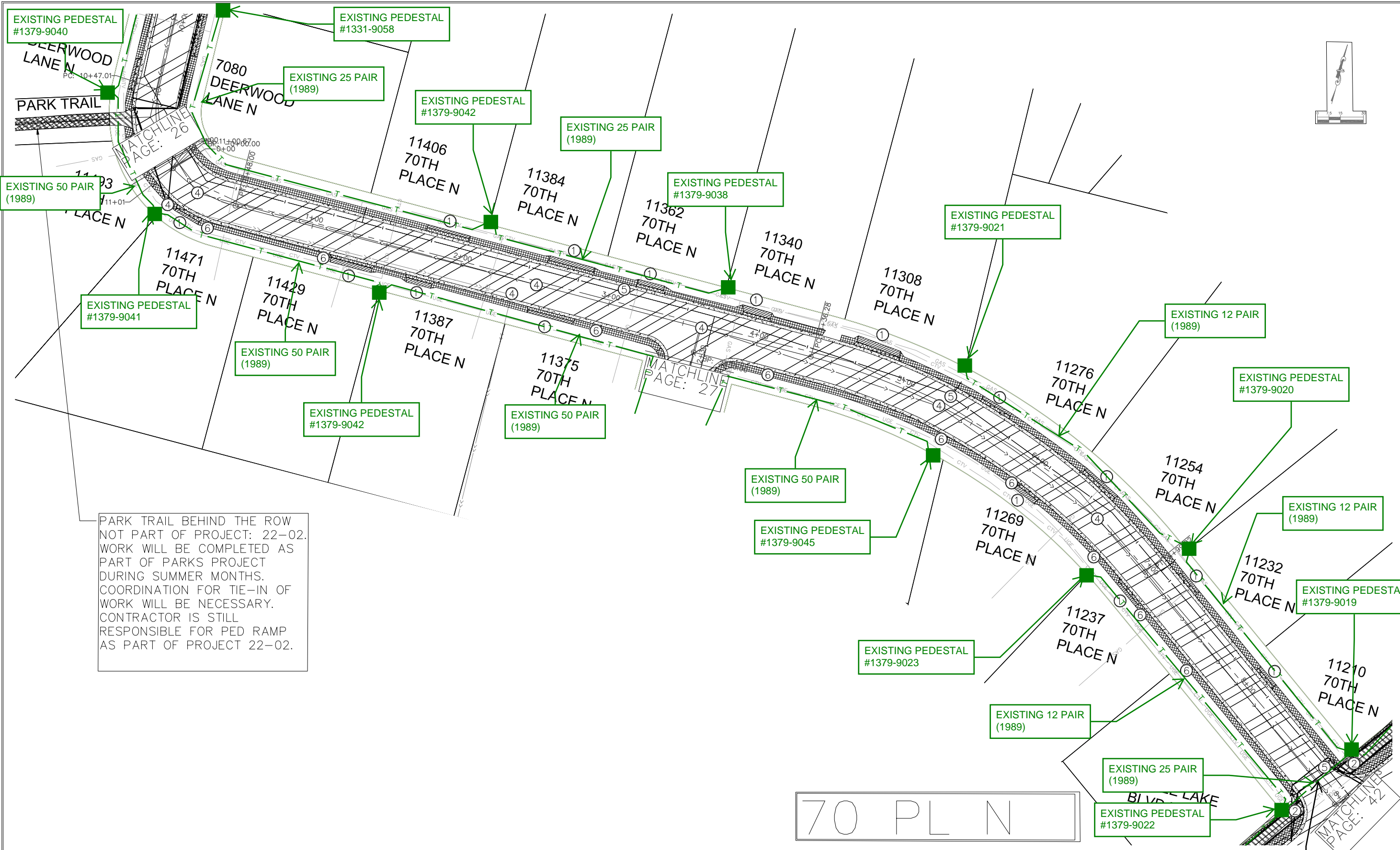
DATE: 03/09/22

CONTRACTOR: JRB

ENGINEER: JCH

SHEET 23 OF 81





NO.	DATE	BY	REMARKS

70TH PL N  
0+00 - 08+96

\\A\C2888fb9e.dib  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM

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DATE: 03/09/22  
LIC. NO. 47064

PARK TRAIL BEHIND THE ROW NOT PART OF PROJECT: 22-02. WORK WILL BE COMPLETED AS PART OF PARKS PROJECT DURING SUMMER MONTHS. COORDINATION FOR TIE-IN OF WORK WILL BE NECESSARY. CONTRACTOR IS STILL RESPONSIBLE FOR PED RAMP AS PART OF PROJECT 22-02.

LEGEND		
	REPLACE BIT PAVEMENT	⑤ ADJUST GATE VALVE & BOX
	REPLACE BIT DRIVEWAY PAVEMENT	⑥ SALVAGE AND INSTALL MAILBOX
	CONCRETE SIDEWALK	① INSTALL CONC DW APRON
	TEMP HYDROMULCH/PERMANENT SOD	② INSTALL ADA PED RAMP
	NEW CONCRETE CURB - B618	③ ADJUST CB CASTING
	REPLACE BIT TRAIL	④ ADJUST MH CASTING
	CONC APRON WITH BIT PATCH	
	CONC APRON WITH CONC PATCH	

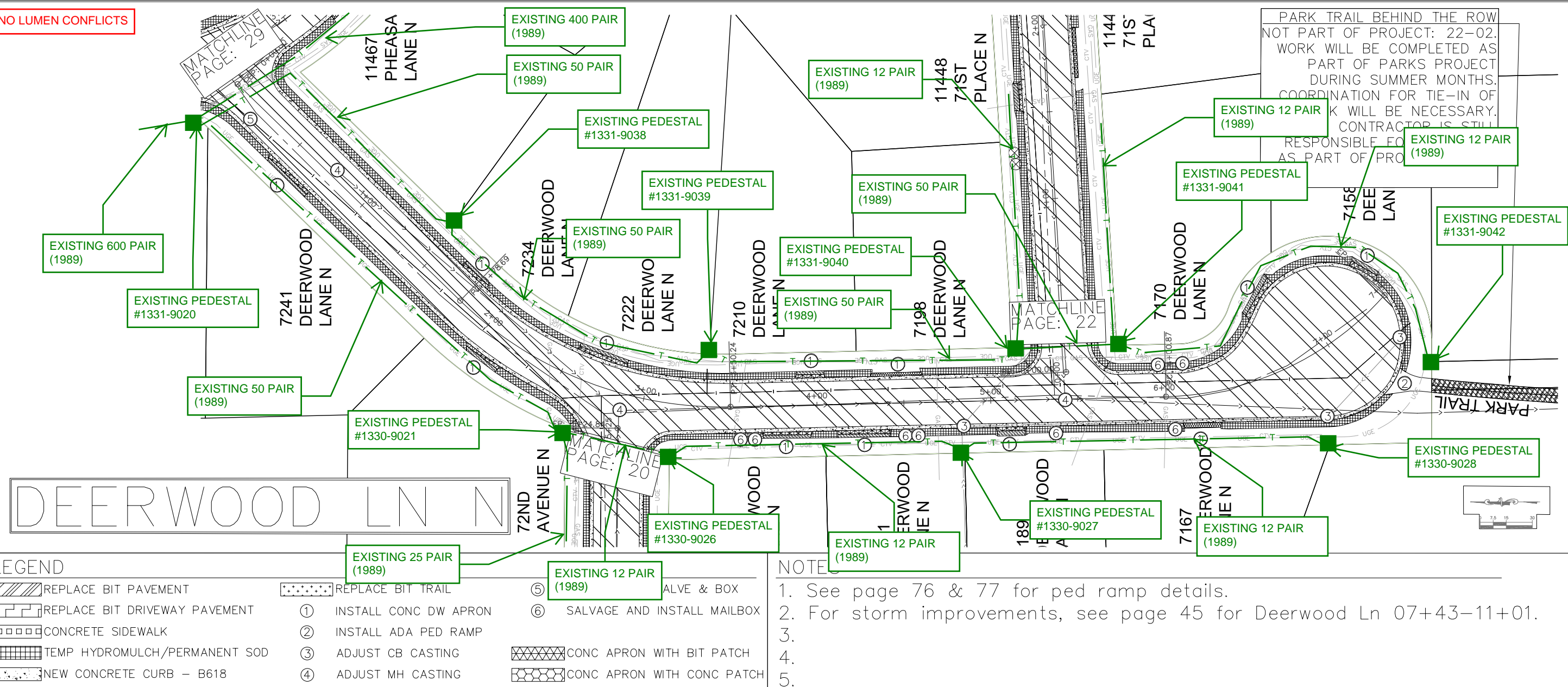
NOTES

- For storm improvement, see page 51 for 70TH PL N.
- See page 70 for ped ramp details.
- 11387 70 PL N has stone mason mailbox, do not remove.
- 
- 

**CONFLICT 08**  
ROAD CONTRACTOR TO PROTECT AND SUPPORT EXISTING 25 PAIR STA 8+75

DRAWN: JRB  
CHECKED: JRB  
APPROVED: JCH  
DATE: 03/09/22  
CONTR.#ENG 22-02  
SHEET 25 OF 81

NO LUMEN CONFLICTS



PARK TRAIL BEHIND THE ROW NOT PART OF PROJECT: 22-02. WORK WILL BE COMPLETED AS PART OF PARKS PROJECT DURING SUMMER MONTHS. COORDINATION FOR TIE-IN OF WORK WILL BE NECESSARY. CONTRACTOR IS STILL RESPONSIBLE FOR PED RAMP AS PART OF PROJECT 22-02.

NO.	DATE	BY	REMARKS

DEERWOOD LN N  
0+00 - 07+43  
DEERWOOD LN N  
07+43 - 11+01

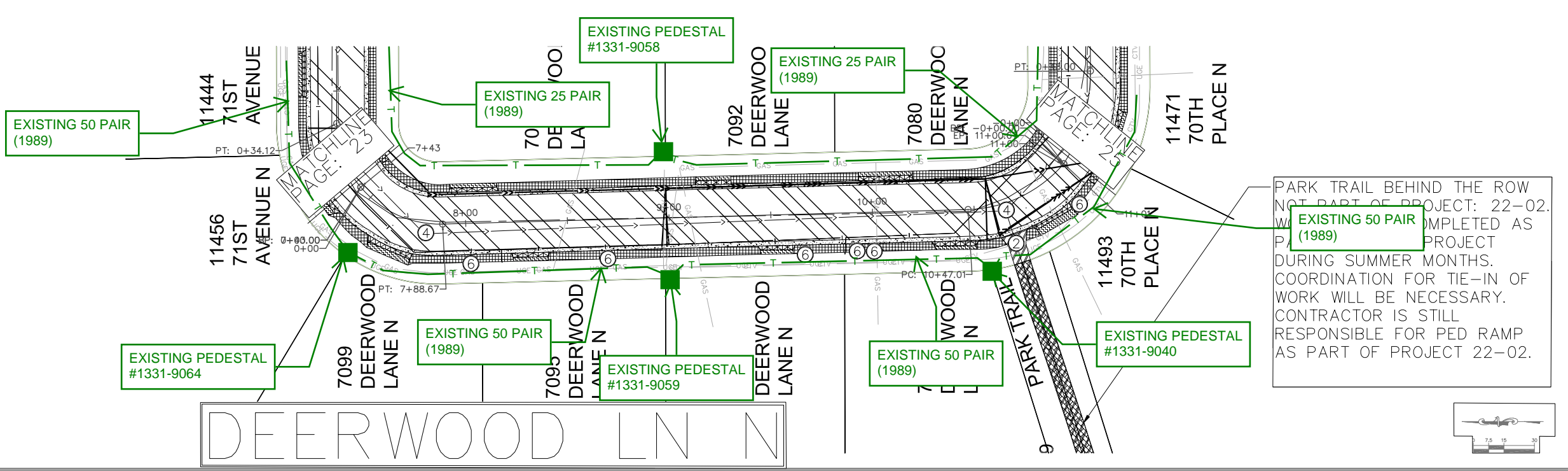
City of Maple Grove  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

NO LUMEN CONFLICTS

LEGEND	
[Symbol]	REPLACE BIT PAVEMENT
[Symbol]	REPLACE BIT DRIVEWAY PAVEMENT
[Symbol]	CONCRETE SIDEWALK
[Symbol]	TEMP HYDROMULCH/PERMANENT SOD
[Symbol]	NEW CONCRETE CURB - B618
[Symbol]	REPLACE BIT TRAIL
①	INSTALL CONC DW APRON
②	INSTALL ADA PED RAMP
③	ADJUST CB CASTING
④	ADJUST MH CASTING
⑤	VALVE & BOX
⑥	SALVAGE AND INSTALL MAILBOX
[Symbol]	CONC APRON WITH BIT PATCH
[Symbol]	CONC APRON WITH CONC PATCH

NOTE  
1. See page 76 & 77 for ped ramp details.  
2. For storm improvements, see page 45 for Deerwood Ln 07+43-11+01.  
3.  
4.  
5.

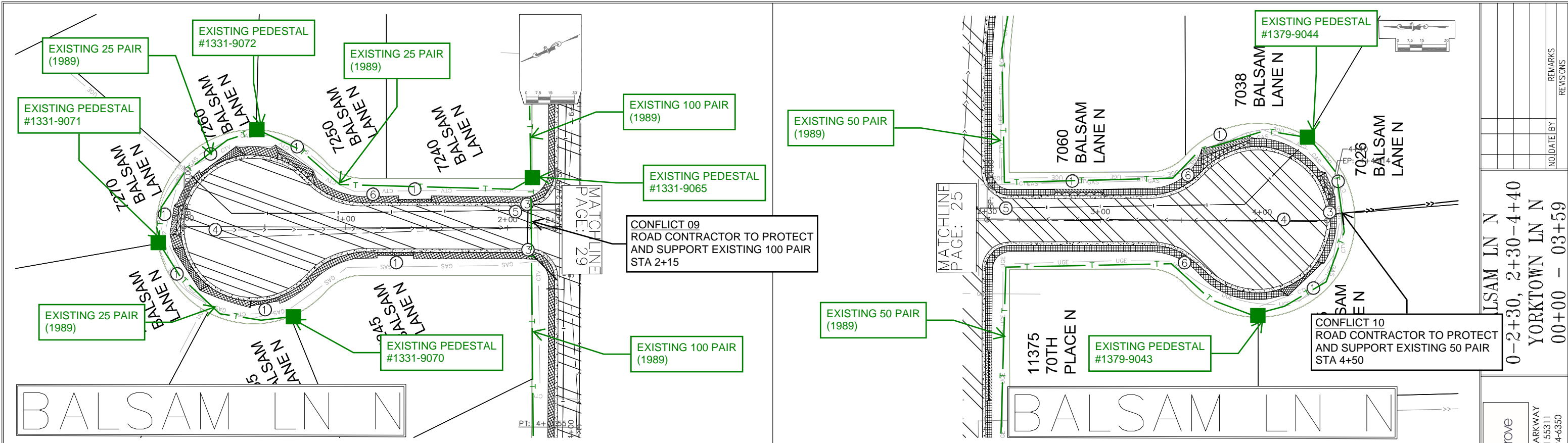
NO LUMEN CONFLICTS



PARK TRAIL BEHIND THE ROW NOT PART OF PROJECT: 22-02. WORK WILL BE COMPLETED AS PART OF PARKS PROJECT DURING SUMMER MONTHS. COORDINATION FOR TIE-IN OF WORK WILL BE NECESSARY. CONTRACTOR IS STILL RESPONSIBLE FOR PED RAMP AS PART OF PROJECT 22-02.

2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
*[Signature]*  
DATE: 03/09/22  
DRAWN: JRB  
CHECKED: JRB  
APPROVED: JCH  
CONTR.# ENG 22-02  
SHEET 26 OF 81



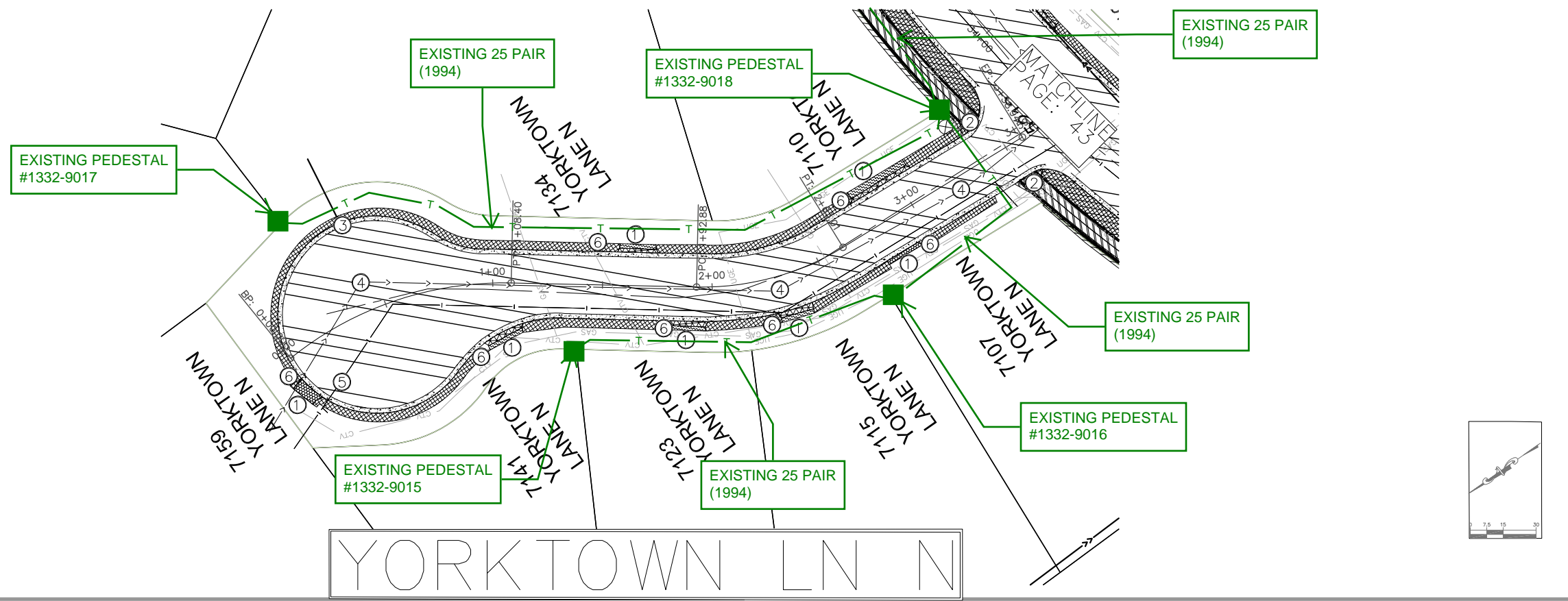
**LEGEND**

REPLACE BIT PAVEMENT	REPLACE BIT TRAIL	⑤ ADJUST GATE VALVE & BOX
REPLACE BIT DRIVEWAY PAVEMENT	① INSTALL CONC DW APRON	⑥ SALVAGE AND INSTALL MAILBOX
CONCRETE SIDEWALK	② INSTALL ADA PED RAMP	
TEMP HYDROMULCH/PERMANENT SOD	③ ADJUST CB CASTING	CONC APRON WITH BIT PATCH
NEW CONCRETE CURB - B618	④ ADJUST MH CASTING	CONC APRON WITH CONC PATCH

**NOTES**

1. See page 72 for ped ramp details on Yortown Ln N.
2. For storm improvements, see page 47 for Balsam Ln N 02+30-04+40
- 3.
- 4.
- 5.

**NO LUMEN CONFLICTS**



NO.	DATE	BY	REMARKS

LSAM LN N  
 0-2+30, 2+30-4+40  
 YORKTOWN LN N  
 00+00 - 03+59

City of Maple Grove  
 12800 ARBOR LAKES PARKWAY  
 MAPLE GROVE, MN 55311  
 PHONE: (763) 494-6350

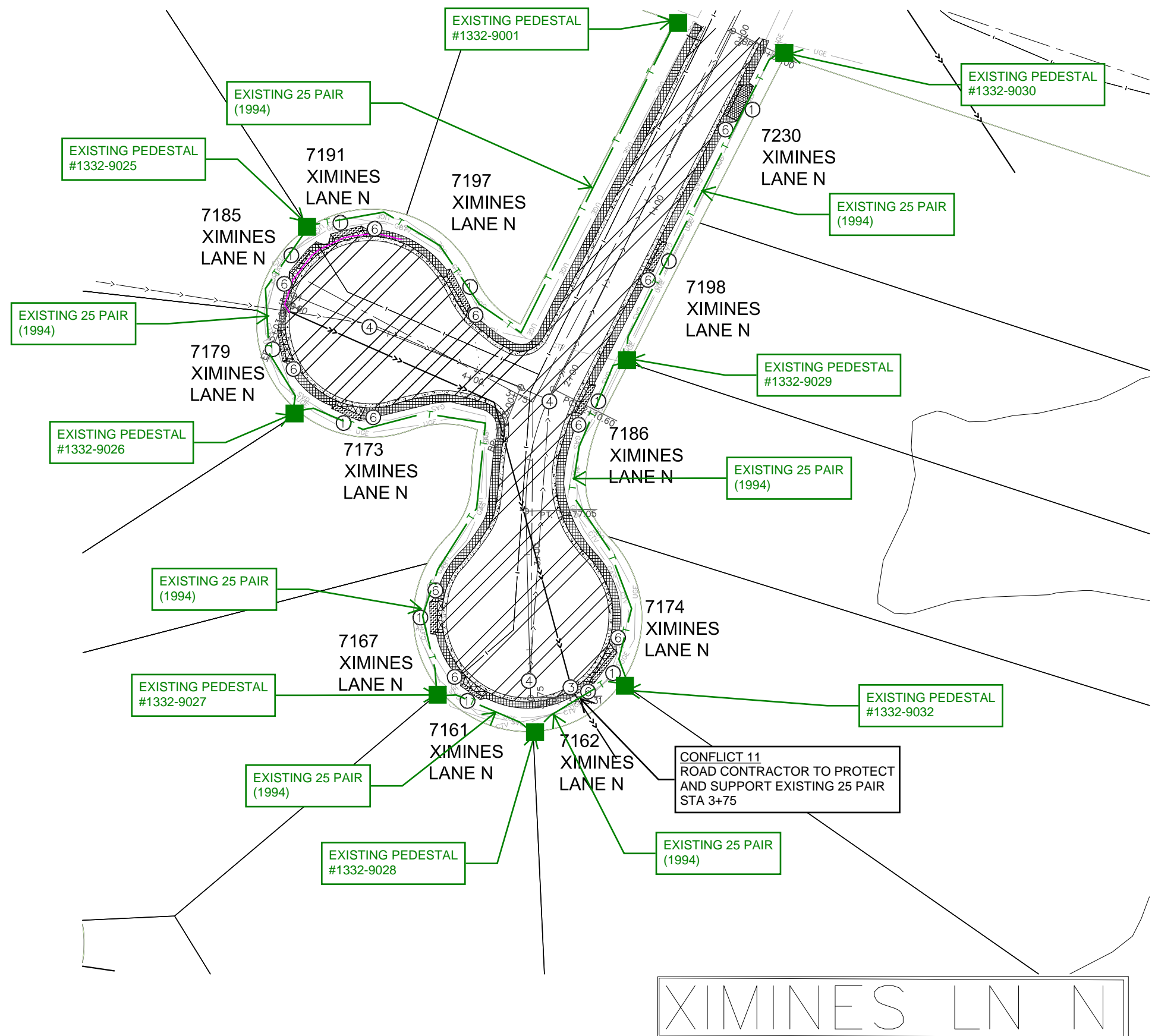
**2022 MAPLE GROVE  
 STREET RECONSTRUCTION  
 PROGRAM**

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE: 03/09/22  
 SHEET 27 OF 81

DRAWN: JRB  
 CHECKED: JRB  
 APPROVED: JGH

CONTR. # ENG 22-02



XIMINES LN N

LEGEND		
	REPLACE BIT PAVEMENT	⑤ ADJUST GATE VALVE & BOX
	REPLACE BIT DRIVEWAY PAVEMENT	⑥ SALVAGE AND INSTALL MAILBOX
	CONCRETE SIDEWALK	① INSTALL CONC DW APRON
	TEMP HYDROMULCH/PERMANENT SOD	② INSTALL ADA PED RAMP
	NEW CONCRETE CURB - B618	③ ADJUST CB CASTING
	REPLACE BIT TRAIL	④ ADJUST MH CASTING
	CONC APRON WITH BIT PATCH	
	CONC APRON WITH CONC PATCH	

NOTES

1. See sheet 52 for storm improvements, XIMINES STA: 01+00-05+04.
- 2.
- 3.
- 4.
- 5.

NO.	DATE	BY	REMARKS

XIMINES LN N  
0+00 - 05+04

City of Maple Grove  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM

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*[Signature]*  
LIC. NO. 42064

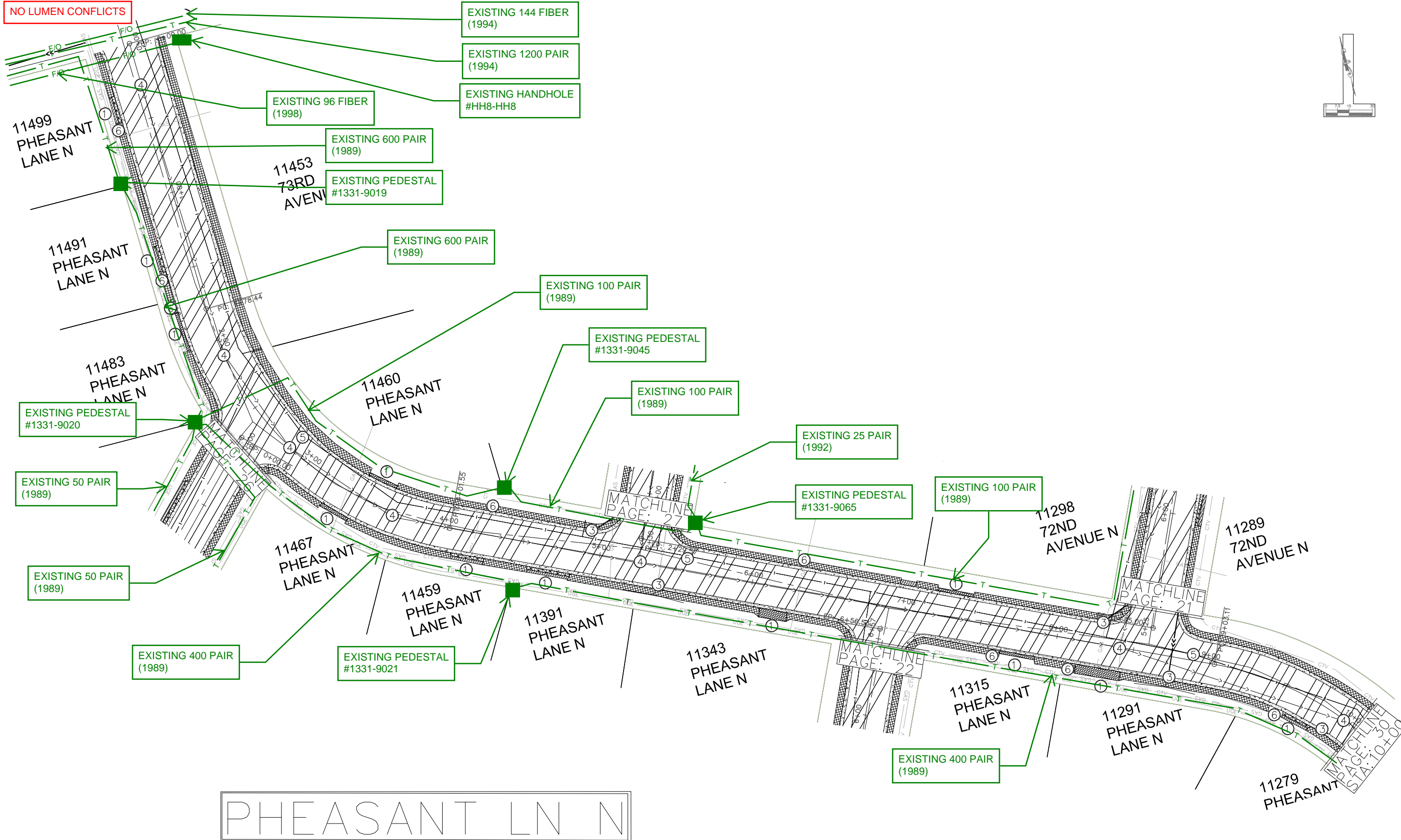
DATE: 03/09/22

DRAWN: JRB  
CHECKED: JRB  
APPROVED: JGH

CONTR. #ENG 22-02

SHEET 28 of 81

NO LUMEN CONFLICTS



# PHEASANT LN N

LEGEND		
	REPLACE BIT PAVEMENT	⑤ ADJUST GATE VALVE & BOX
	REPLACE BIT DRIVEWAY PAVEMENT	⑥ SALVAGE AND INSTALL MAILBOX
	CONCRETE SIDEWALK	① INSTALL CONC DW APRON
	TEMP HYDROMULCH/PERMANENT SOD	② INSTALL ADA PED RAMP
	NEW CONCRETE CURB - B618	③ ADJUST CB CASTING
	REPLACE BIT TRAIL	④ ADJUST MH CASTING
	CONC APRON WITH BIT PATCH	
	CONC APRON WITH CONC PATCH	

**NOTES**

- See sheet 48 for storm improvements.
- 
- 
- 
- 

NO.	DATE	BY	REMARKS

**PHEASANT LN N**  
0+00 - 10+00

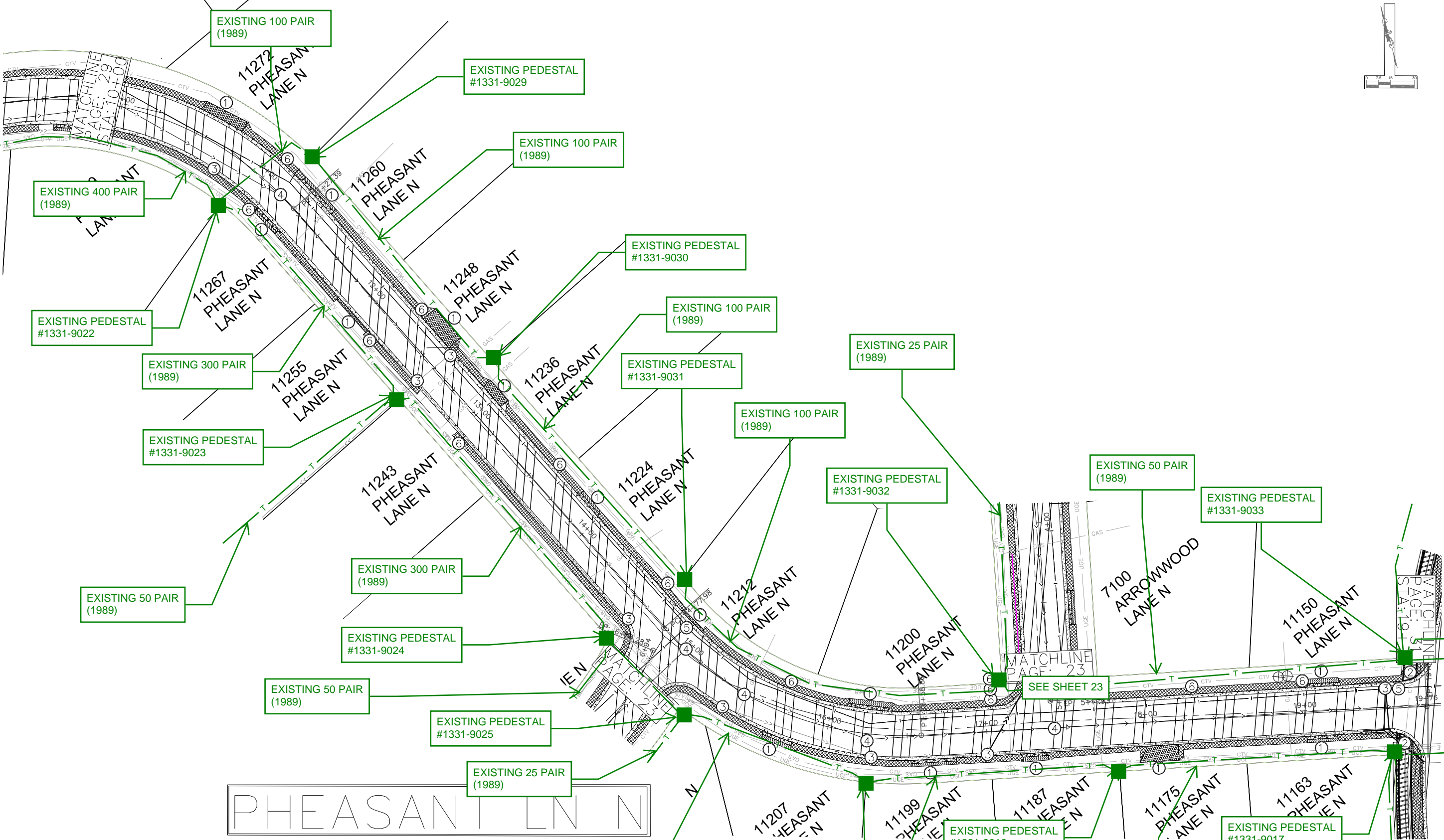
\\A\C28888\fb9e.dib  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

**2022 MAPLE GROVE**  
**STREET RECONSTRUCTION**  
**PROGRAM**

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*[Signature]*  
DATE: 03/09/22  
DRAWN: JRB  
CHECKED: JRB  
APPROVED: JCH  
CONTR.# ENG 22-02  
SHEET 29 OF 81

NO LUMEN CONFLICTS



PHEASANT LN N

LEGEND

	REPLACE BIT PAVEMENT		REPLACE BIT TRAIL	⑤	ADJUST GATE VALVE & BOX
	REPLACE BIT DRIVEWAY PAVEMENT	①	INSTALL CONC DW APRON	⑥	SALVAGE AND
	CONCRETE SIDEWALK	②	INSTALL ADA PED RAMP		CONC APRON WITH BIT PATCH
	TEMP HYDROMULCH/PERMANENT SOD	③	ADJUST CB CASTING		CONC APRON WITH CONC PATCH
	NEW CONCRETE CURB - B618	④	ADJUST MH CASTING		

1. See sheet [redacted] for improvement
2. See sheet [redacted] for ramp details.
- 3.
- 4.
- 5.

NO.	DATE	BY	REVISIONS

PHEASANT LN N  
10+00 - 19+76

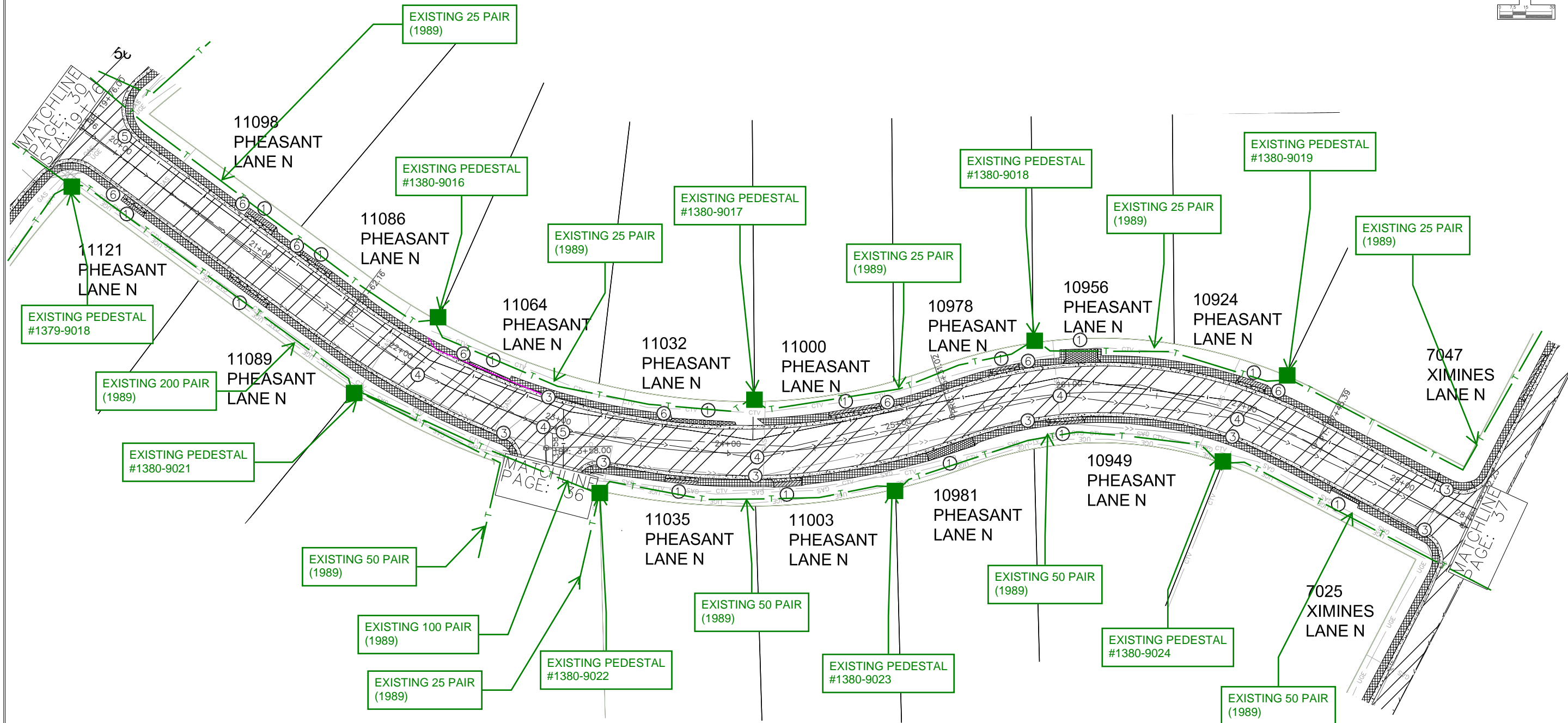
\\A\C28888\fb9e.dib  
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MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA  
*[Signature]*  
DATE: 03/09/22  
LIC. NO. 47064

DRAWN: JRB  
CHECKED: JRB  
APPROVED: JCH  
DATE: 03/09/22  
CONTR.# ENG 22-02  
SHEET 30 OF 81

NO LUMEN CONFLICTS



# PHEASANT LN N

## LEGEND

	REPLACE BIT PAVEMENT		REPLACE BIT TRAIL	⑤	ADJUST GATE VALVE & BOX
	REPLACE BIT DRIVEWAY PAVEMENT	①	INSTALL CONC DW APRON	⑥	SALVAGE AND INSTALL MAILBOX
	CONCRETE SIDEWALK	②	INSTALL ADA PED RAMP		CONC APRON WITH BIT PATCH
	TEMP HYDROMULCH/PERMANENT SOD	③	ADJUST CB CASTING		CONC APRON WITH CONC PATCH
	NEW CONCRETE CURB - B618	④	ADJUST MH CASTING		

## NOTES

- 11089 Pheasant LN—drain tile runs SE property line to CBMH 15225
- For storm improvements, see sheet 50.
- 
- 
- 

NO.	DATE	BY	REMARKS

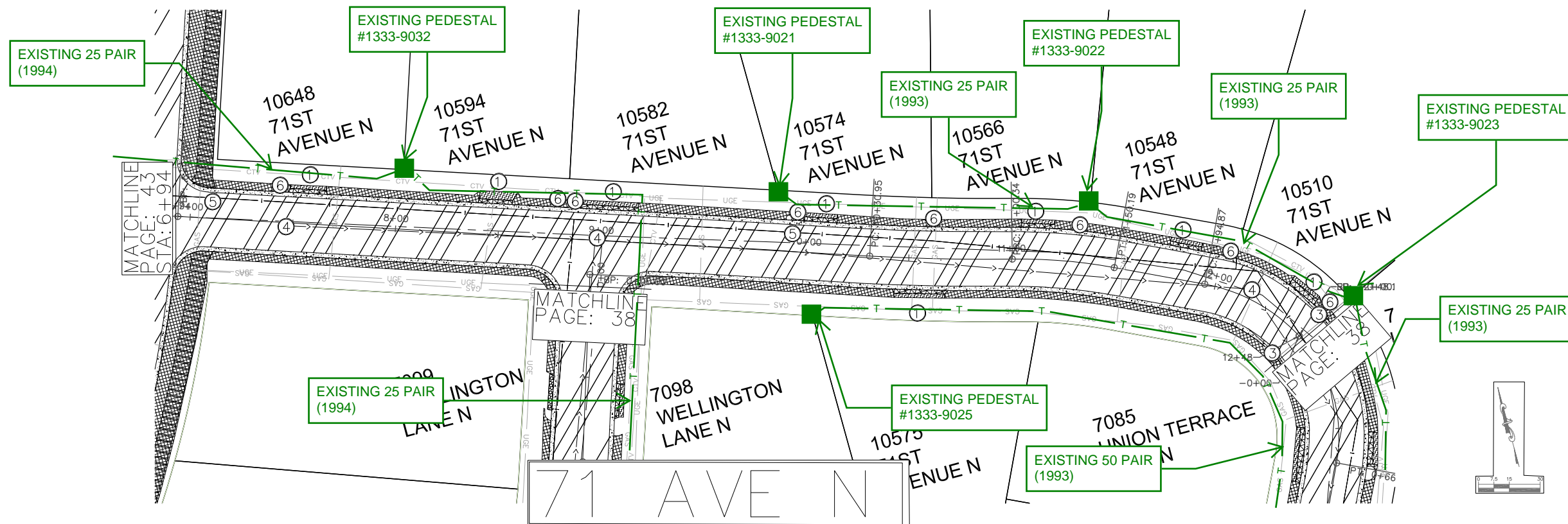
PHEASANT LN N  
19+76 - 28+42

\\A\C28888\fb9e.dib  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA  
*[Signature]*  
DATE: 03/09/22  
CONTR. #ENG 22-02  
SHEET 31 of 81

NO LUMEN CONFLICTS



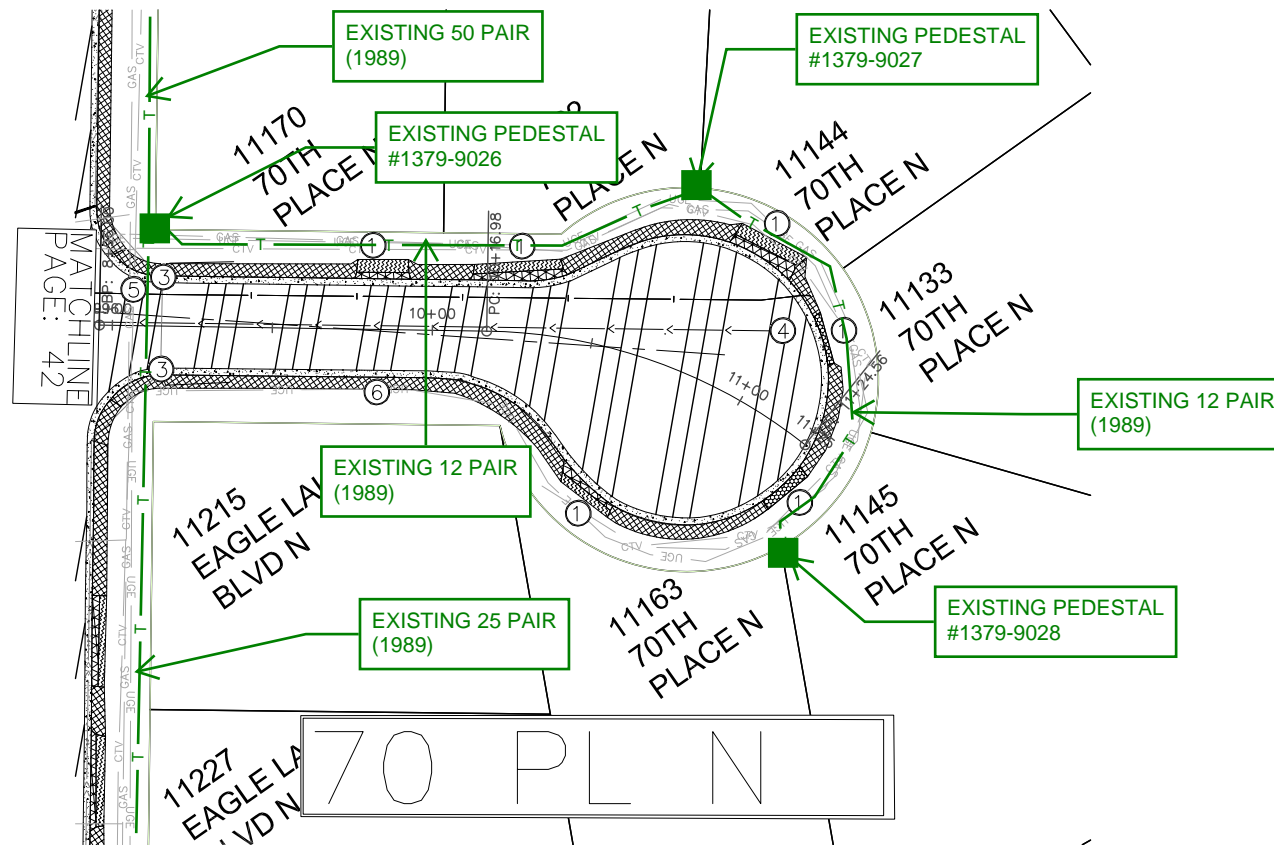
LEGEND

	REPLACE BIT PAVEMENT		REPLACE BIT TRAIL	⑤	ADJUST GATE VALVE & BOX
	REPLACE BIT DRIVEWAY PAVEMENT	①	INSTALL CONC DW APRON	⑥	SALVAGE AND INSTALL MAILBOX
	CONCRETE SIDEWALK	②	INSTALL ADA PED RAMP		CONC APRON WITH BIT PATCH
	TEMP HYDROMULCH/PERMANENT SOD	③	ADJUST CB CASTING		CONC APRON WITH CONC PATCH
	NEW CONCRETE CURB - B618	④	ADJUST MH CASTING		

NOTES

1. For 71st Ave storm improvements, see sheet 53.
- 2.
- 3.
- 4.
- 5.

NO LUMEN CONFLICTS



NO.	DATE	BY	REVISIONS	REMARKS

71ST AVE N  
06+94 - 12+48  
70TH PL N  
08+96 - 11+25

City of Maple Grove  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM

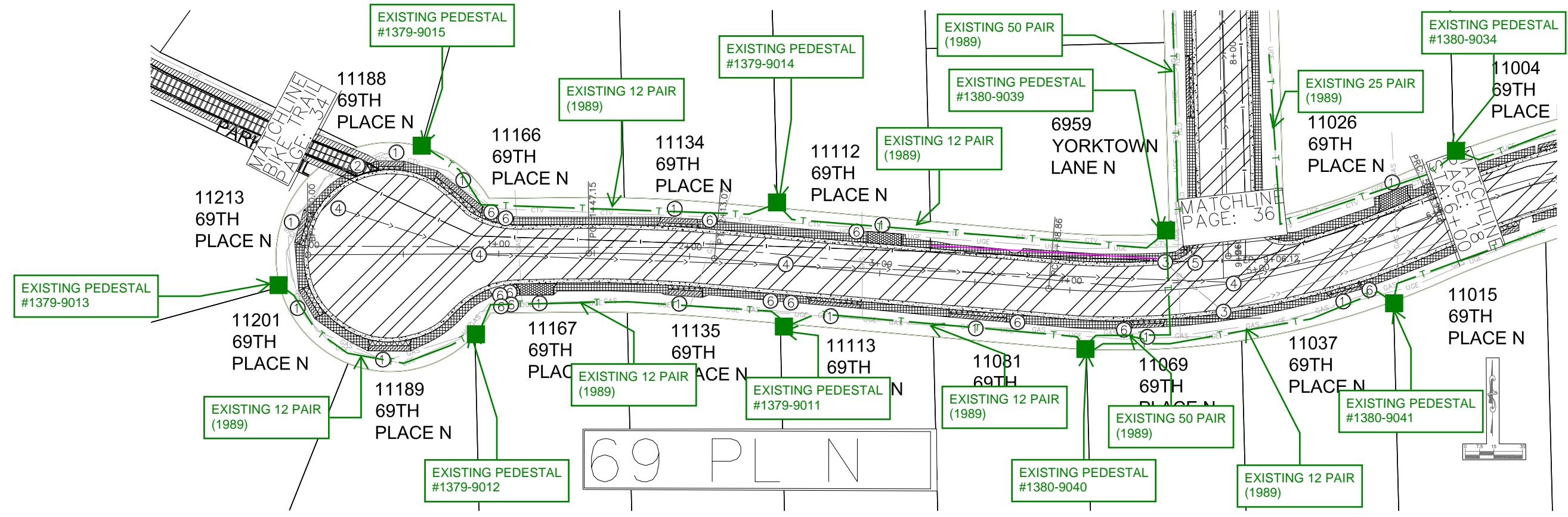
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

*[Signature]*  
DATE: 03/09/22  
LIC. NO. 47064

DRAWN: JRB  
CHECKED: JRB  
APPROVED: JCH  
DATE: 03/09/22  
CONTR.# ENG 22-02  
SHEET 32 OF 81



NO LUMEN CONFLICTS



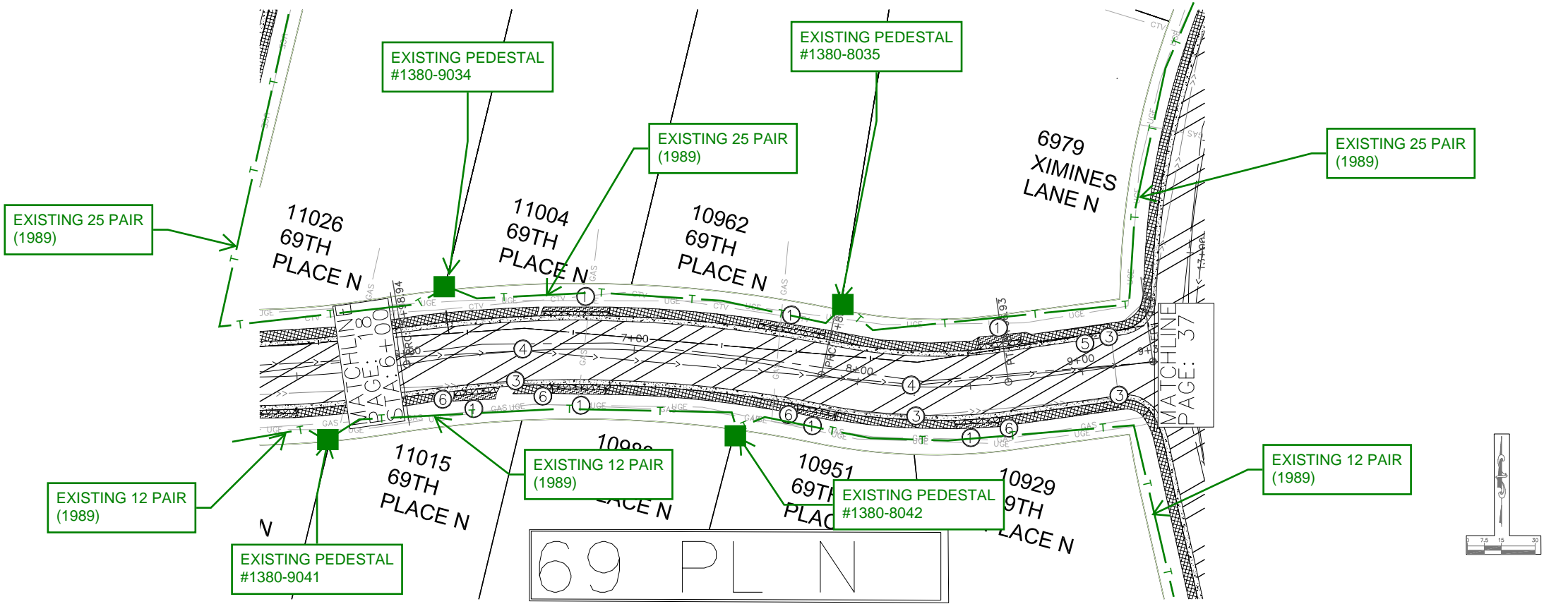
LEGEND

	REPLACE BIT PAVEMENT		REPLACE BIT TRAIL	⑤	ADJUST GATE VALVE & BOX
	REPLACE BIT DRIVEWAY PAVEMENT	①	INSTALL CONC DW APRON	⑥	SALVAGE AND INSTALL MAILBOX
	CONCRETE SIDEWALK	②	INSTALL ADA PED RAMP		CONC APRON WITH BIT PATCH
	TEMP HYDROMULCH/PERMANENT SOD	③	ADJUST CB CASTING		CONC APRON WITH CONC PATCH
	NEW CONCRETE CURB - B618	④	ADJUST MH CASTING		

NOTES

1. See sheet 78 for ped ramp details.
2. For storm improvements, see sheet 57.
- 3.
- 4.
- 5.

NO LUMEN CONFLICTS



NO.	DATE	BY	REMARKS

69TH PL N  
0+00 - 09+32

City of Maple Grove  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

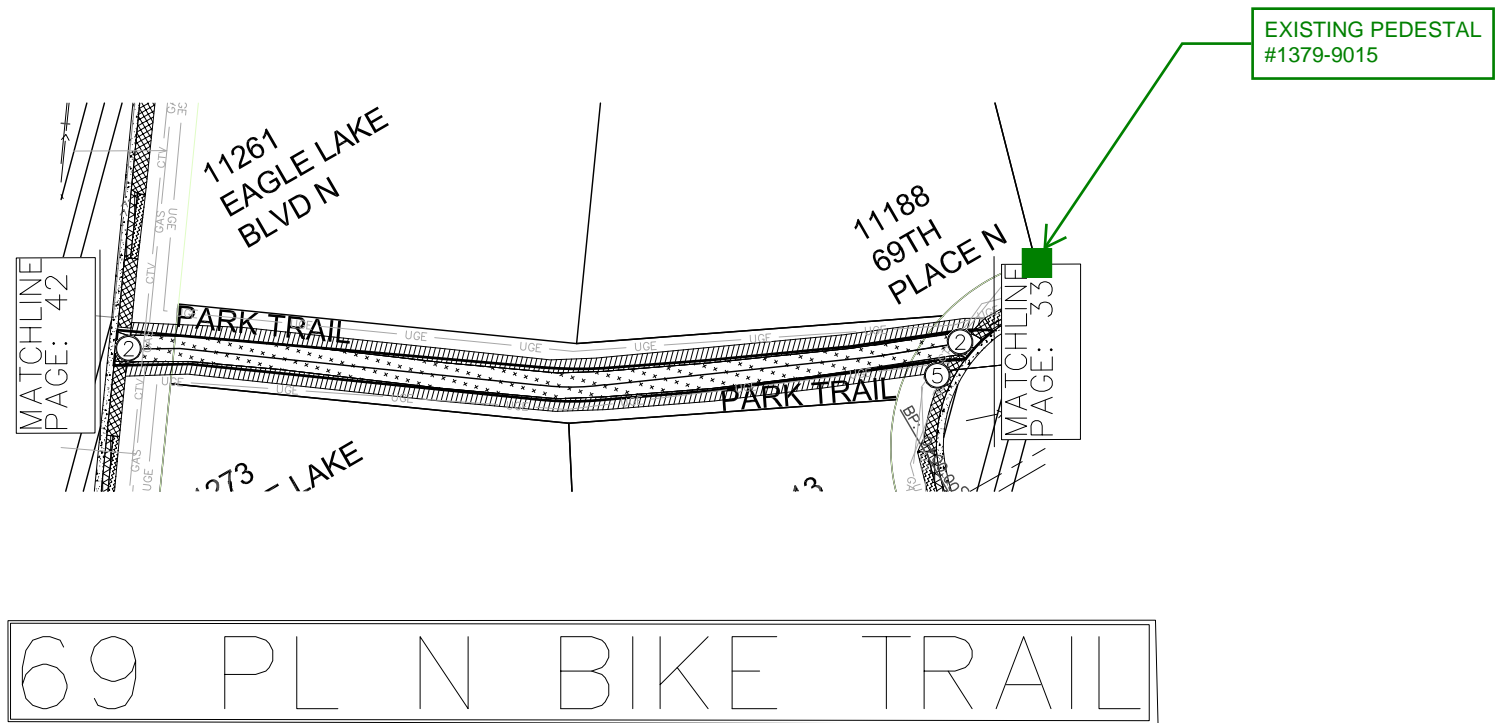
2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

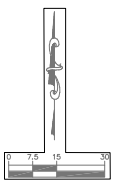
*[Signature]*  
DATE: 03/09/22  
LIC. NO. 47064

DRAWN: JRB  
CHECKED: JRB  
APPROVED: JCH  
DATE: 03/09/22  
CONTR.# ENG 22-02  
SHEET 33 OF 81

NO LUMEN CONFLICTS



# 69 PL N BIKE TRAIL



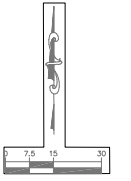
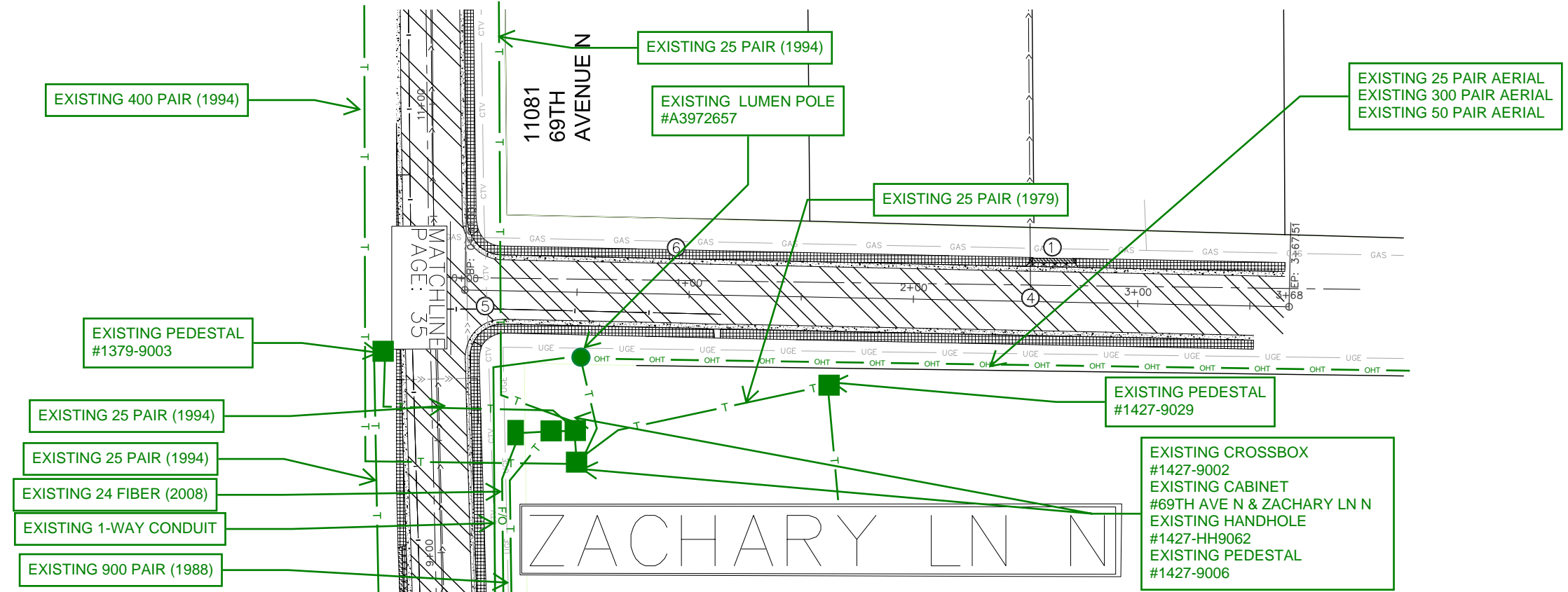
### LEGEND

REPLACE BIT PAVEMENT	REPLACE BIT TRAIL	⑤ ADJUST GATE VALVE & BOX
REPLACE BIT DRIVEWAY PAVEMENT	① INSTALL CONC DW APRON	⑥ SALVAGE AND INSTALL MAILBOX
CONCRETE SIDEWALK	② INSTALL ADA PED RAMP	
TEMP HYDROMULCH/PERMANENT SOD	③ ADJUST CB CASTING	CONC APRON WITH BIT PATCH
NEW CONCRETE CURB - B618	④ ADJUST MH CASTING	CONC APRON WITH CONC PATCH

### NOTES

1. See sheet 78 for ped ramp details.
- 2.
- 3.
- 4.
- 5.

NO LUMEN CONFLICTS



NO.	DATE	BY	REVISIONS

69TH PL TRAIL  
0+00 - 02+70  
ZACHARY LN N  
00+00 - 03+68

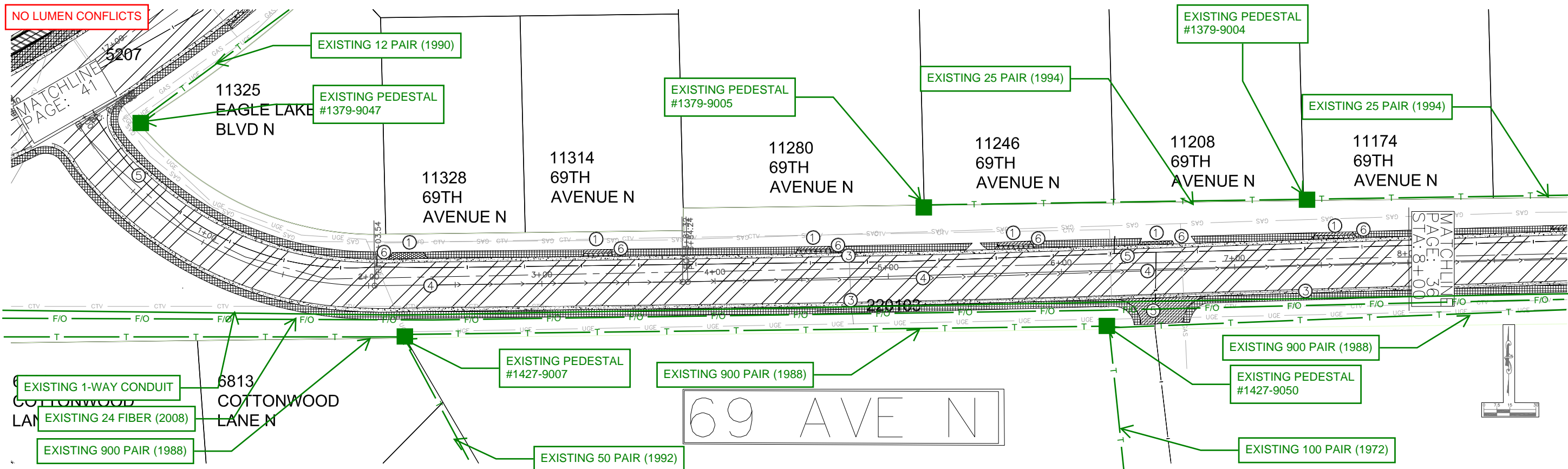
City of Maple Grove  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

*[Signature]*  
DATE: 03/09/22  
LIC. NO. 47064

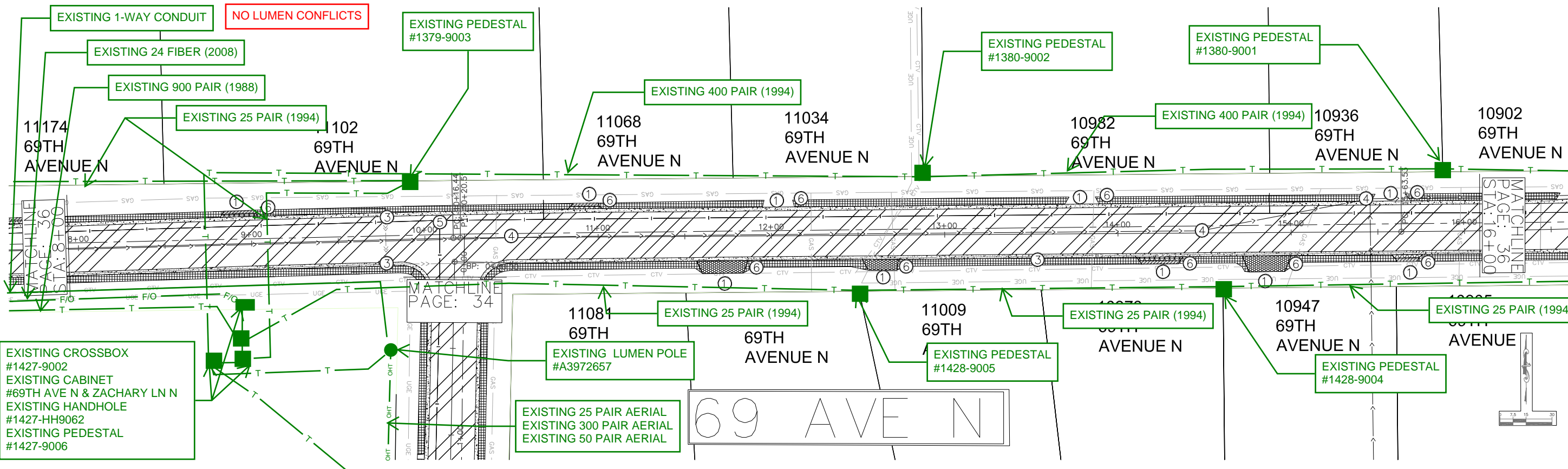
DRAWN: JRB  
CHECKED: JRB  
APPROVED: JCH  
DATE: 03/09/22  
CONTR.# ENG 22-02  
SHEET 34 of 81



LEGEND		
	REPLACE BIT PAVEMENT	⑤ ADJUST GATE VALVE & BOX
	REPLACE BIT TRAIL	⑥ SALVAGE AND INSTALL MAILBOX
	CONCRETE SIDEWALK	① INSTALL CONC DW APRON
	TEMP HYDROMULCH/PERMANENT SOD	② INSTALL ADA PED RAMP
	NEW CONCRETE CURB - B618	③ ADJUST CB CASTING
		④ ADJUST MH CASTING

NOTES

- For storm improvements, see page 58 & 59.
- 
- 
- 
- 



NO.	DATE	BY	REMARKS

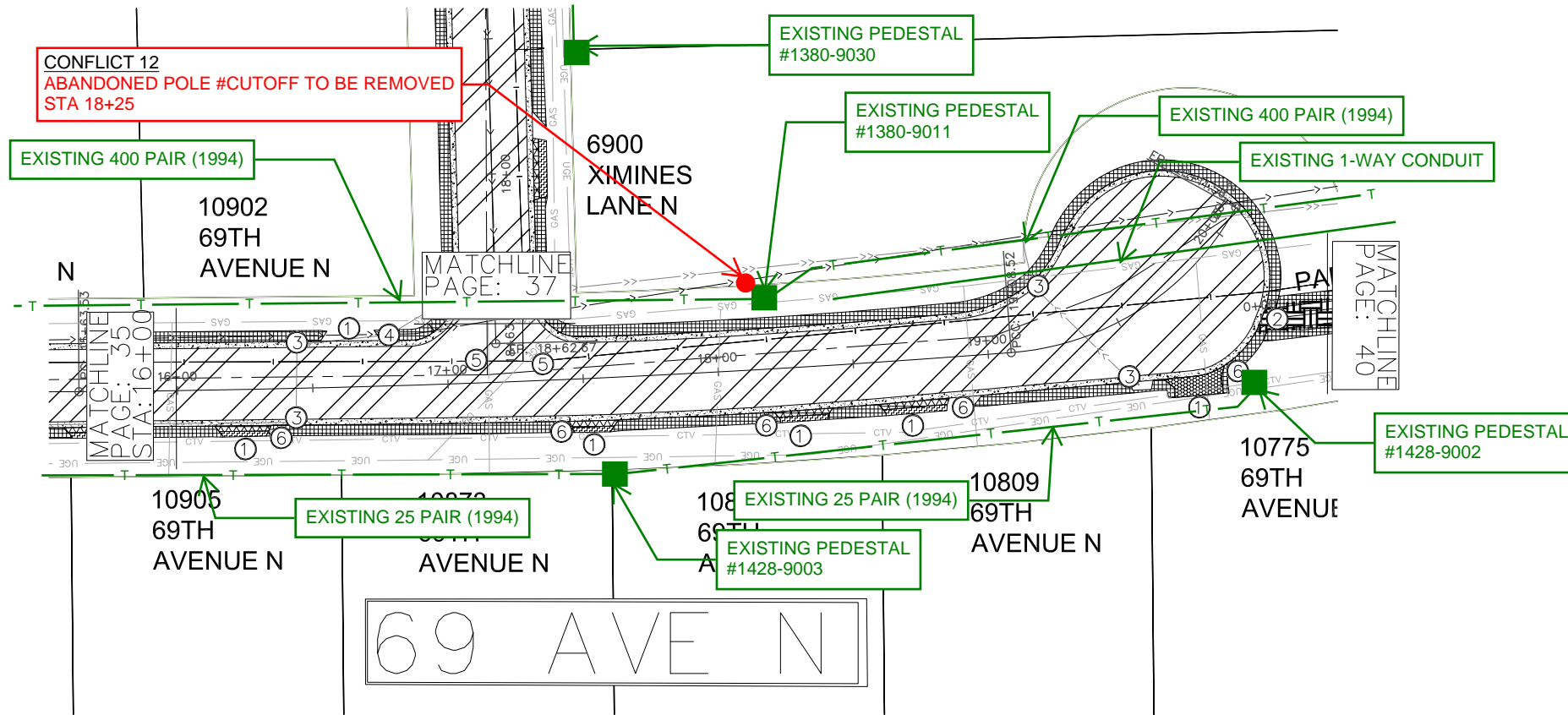
69 AVE N  
0+00 - 16+00

City of Maple Grove  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE: 03/09/22  
DRAWN: JRB  
CHECKED: JRB  
APPROVED: JCH  
CONTR. # ENG 22-02  
SHEET 35 OF 81

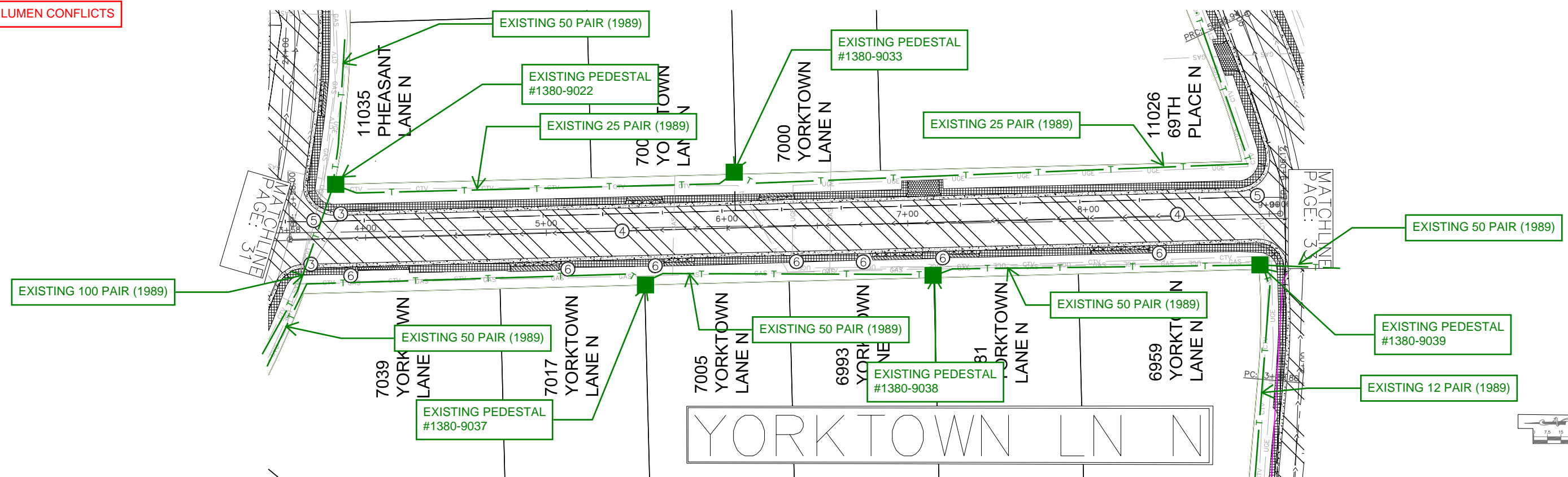


LEGEND		
	REPLACE BIT PAVEMENT	⑤ ADJUST GATE VALVE & BOX
	REPLACE BIT TRAIL	⑥ SALVAGE AND INSTALL MAILBOX
	CONCRETE SIDEWALK	① INSTALL CONC DW APRON
	TEMP HYDROMULCH/PERMANENT SOD	② INSTALL ADA PED RAMP
	NEW CONCRETE CURB - B618	③ ADJUST CB CASTING
		④ ADJUST MH CASTING
		CONC APRON WITH BIT PATCH
		CONC APRON WITH CONC PATCH

**NOTES**

1. See sheet 79 for ped ramp details.
2. For storm improvements, see sheet 59.
- 3.
- 4.
- 5.

**NO LUMEN CONFLICTS**



NO.	DATE	BY	REMARKS

69TH AVE N  
16+00 - 20+12  
YORKTOWN LN N  
03+58 - 09+06

City of  
**Maple Grove**  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

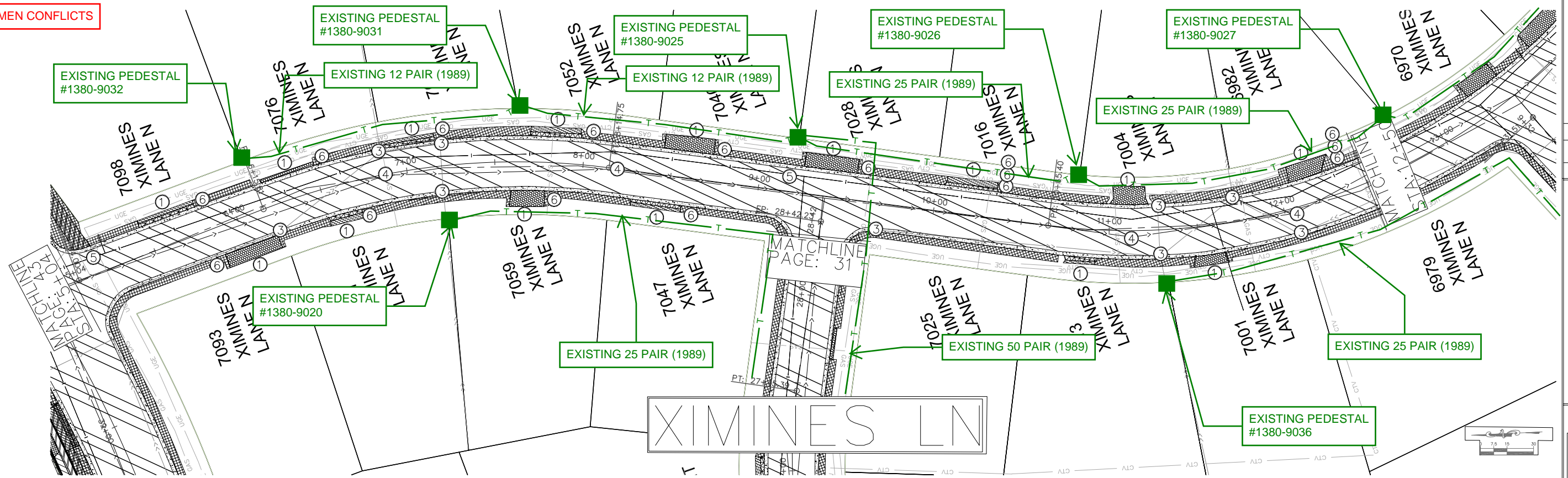
**2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM**

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

*[Signature]*  
DATE: 03/09/22  
LIC. NO. 42064

DRAWN: JRB  
CHECKED: JRB  
APPROVED: JCH  
DATE: 03/09/22  
CONTR.# ENG 22-02  
SHEET 36 of 81

NO LUMEN CONFLICTS



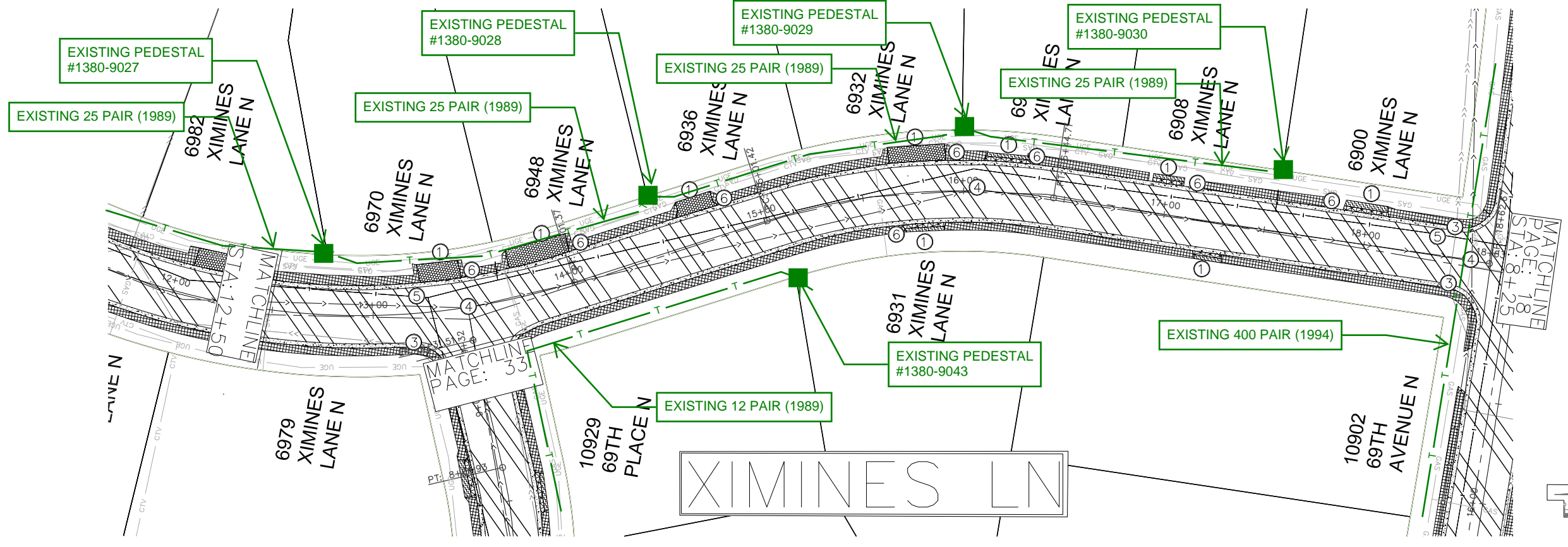
LEGEND

	REPLACE BIT PAVEMENT		REPLACE BIT TRAIL	⑤	ADJUST GATE VALVE & BOX
	REPLACE BIT DRIVEWAY PAVEMENT	①	INSTALL CONC DW APRON	⑥	SALVAGE AND INSTALL MAILBOX
	CONCRETE SIDEWALK	②	INSTALL ADA PED RAMP		CONC APRON WITH BIT PATCH
	TEMP HYDROMULCH/PERMANENT SOD	③	ADJUST CB CASTING		CONC APRON WITH CONC PATCH
	NEW CONCRETE CURB - B618	④	ADJUST MH CASTING		

NOTES

- 1.
- 2.
- 3.
- 4.
- 5.

NO LUMEN CONFLICTS



NO.	DATE	BY	REMARKS

XIMINES LN N  
05+04 - 18+63

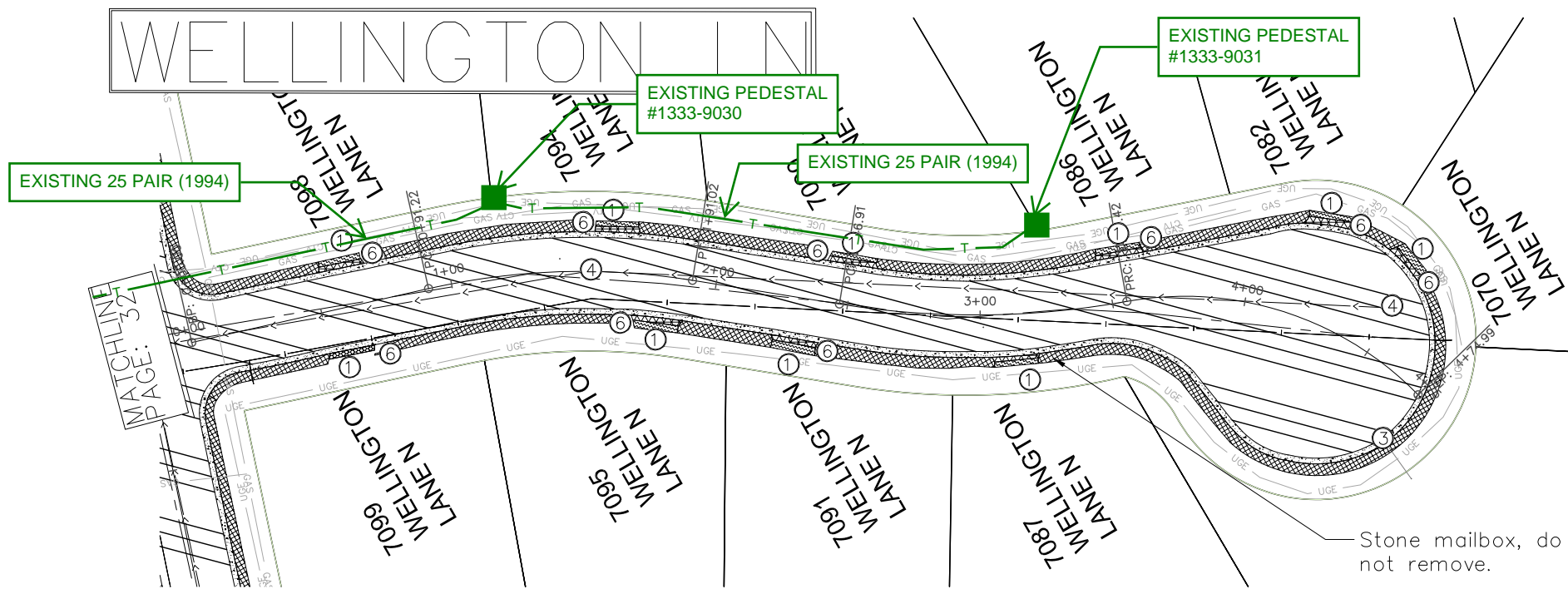
City of Maple Grove  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
*[Signature]*  
DATE: 03/09/22

DRAWN: JRB  
CHECKED: JRB  
APPROVED: JGH  
DATE: 03/09/22  
CONTR.# ENG 22-02  
SHEET 37 OF 81

NO LUMEN CONFLICTS



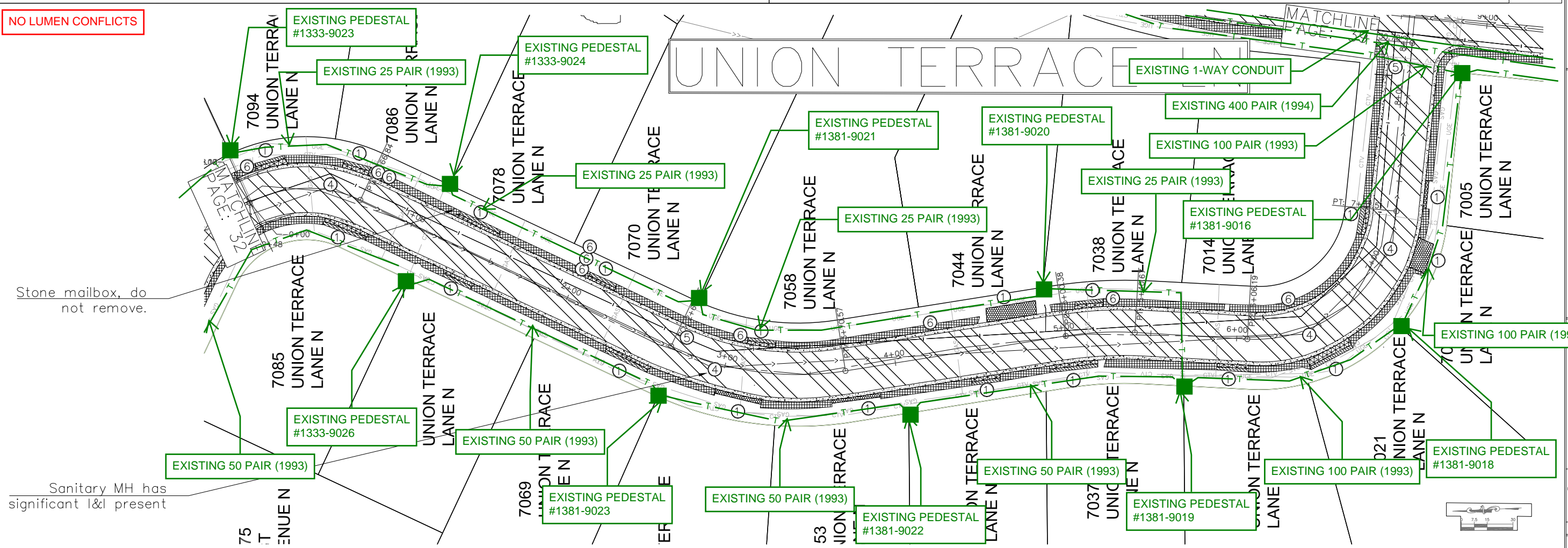
LEGEND

	REPLACE BIT PAVEMENT		REPLACE BIT TRAIL		ADJUST GATE VALVE & BOX
	REPLACE BIT DRIVEWAY PAVEMENT		INSTALL CONC DW APRON		SALVAGE AND INSTALL MAILBOX
	CONCRETE SIDEWALK		INSTALL ADA PED RAMP		CONC APRON WITH BIT PATCH
	TEMP HYDROMULCH/PERMANENT SOD		ADJUST CB CASTING		CONC APRON WITH CONC PATCH
	NEW CONCRETE CURB - B618		ADJUST MH CASTING		

NOTES

- 7087 Wellington Ln N has stone mason mailbox, do not remove.
- 7078 Union Terrace Ln N has stone mason mailbox, do not remove.
- 
- 
- 

NO LUMEN CONFLICTS



NO.	DATE	BY	REVISIONS

WELLINGTON LN N  
00+00 - 04+75  
UNION TERRACE LN N  
00+00 - 08+31

City of Maple Grove  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

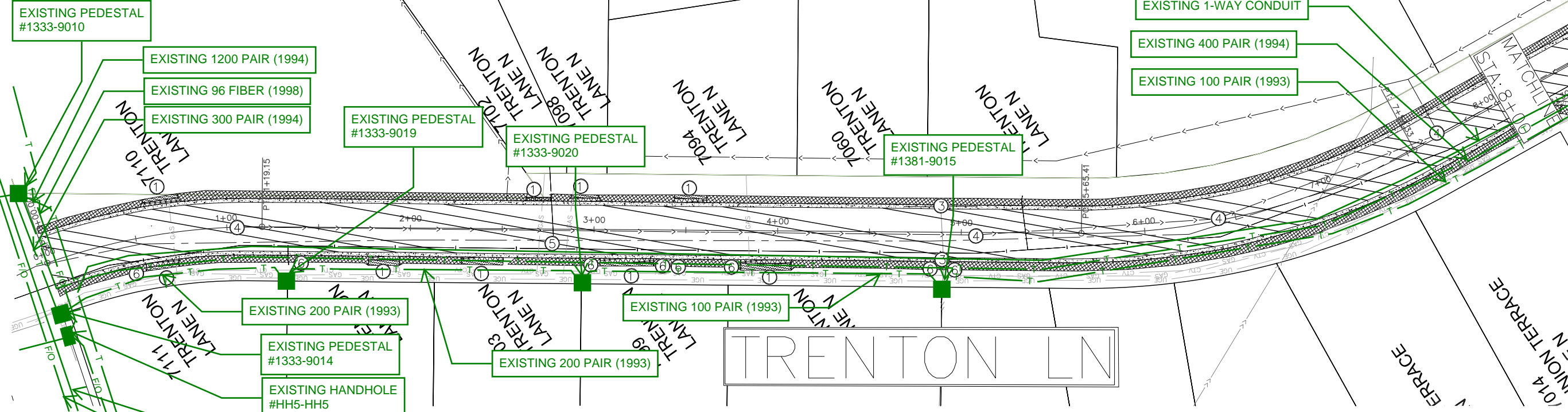
2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM

I HEREBY CERTIFY THAT THE PLAN WAS PREPARED BY ME UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE: 03/09/22  
LIC. NO. 42064

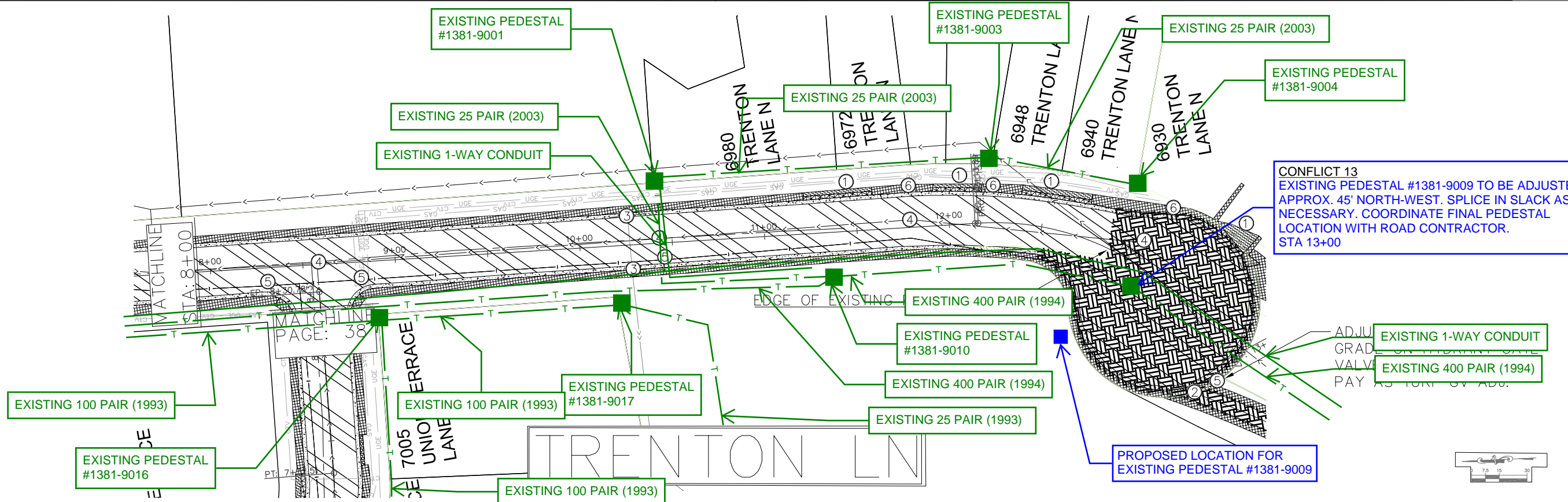
DRAWN: JRB  
CHECKED: JRB  
APPROVED: JGH  
DATE: 03/09/22  
CONTR.# ENG 22-02  
SHEET 38 OF 81

NO LUMEN CONFLICTS



LEGEND		
	REPLACE BIT PAVEMENT	⑤ ADJUST GATE VALVE & BOX
	REPLACE BIT DRIVEWAY PAVEMENT	⑥ SALVAGE AND INSTALL MAILBOX
	CONCRETE SIDEWALK	
	TEMP HYDROMULCH/PERMANENT SOD	
	NEW CONCRETE CURB - B618	
	EXISTING 1-WAY CONDUIT	
	EXISTING 144 FIBER (UNK)	
	INSTALL ADA PED RAMP	
	ADJUST CB CASTING	
	ADJUST MH CASTING	
	ADJUST GATE VALVE & BOX	
	SALVAGE AND INSTALL MAILBOX	
	EXCAVATION-COMMON	
	CONC APRON WITH BIT PATCH	
	CONC APRON WITH CONC PATCH	

- NOTES
1. For storm improvements, see page 56.
  2. See page 80 for ped ramp details.
  3. See page 63 for sanitary sewer improvement details.
  4. See page 64 for watermain improvement details.
  - 5.



NO.	DATE	BY	REVISIONS

TRENTON LN N  
0+00 - 13+77

City of Maple Grove  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

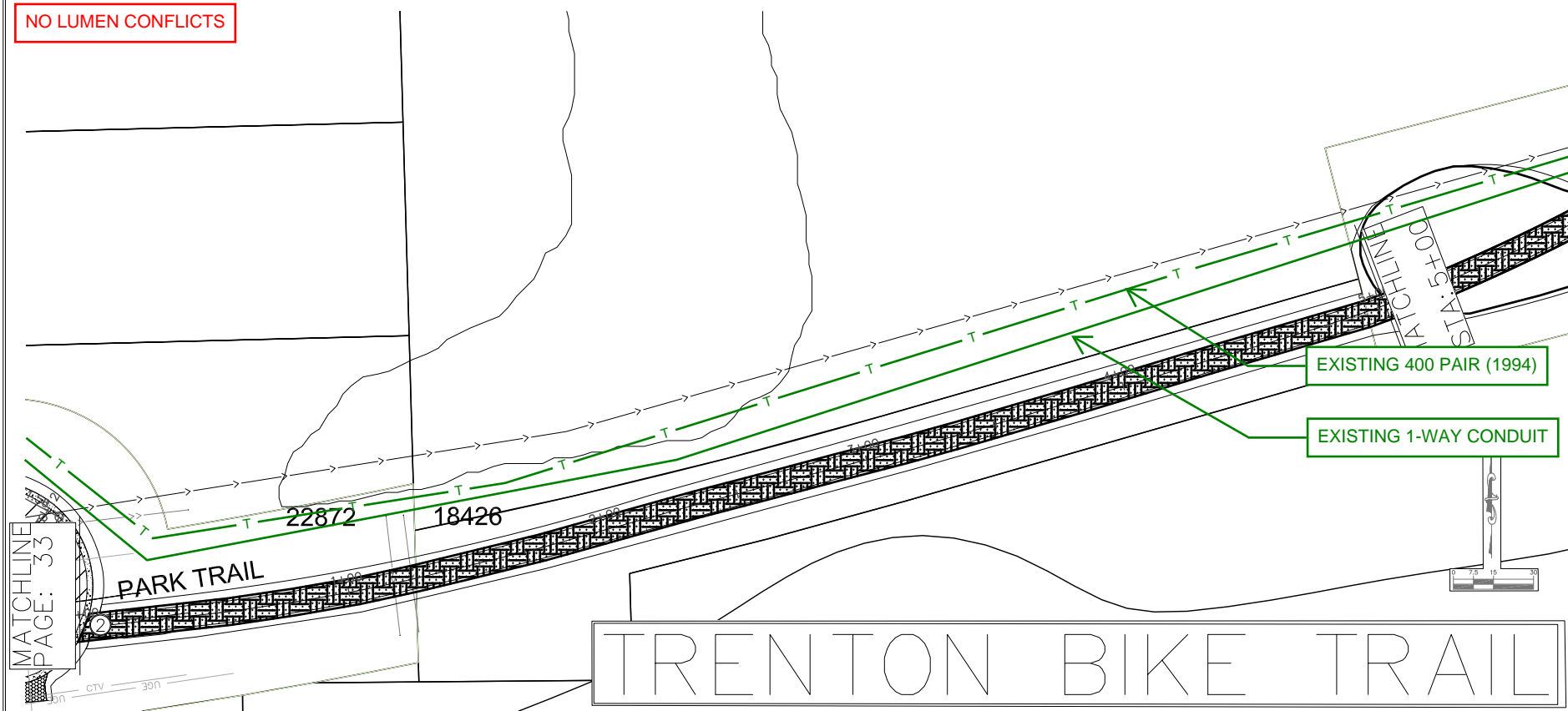
2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE: 03/09/22  
LIC. NO. 47064

DRAWN: JRB  
CHECKED: JRB  
APPROVED: JCH  
DATE: 03/09/22  
CONTR.#: ENG 22-02  
SHEET 39 OF 81

NO LUMEN CONFLICTS

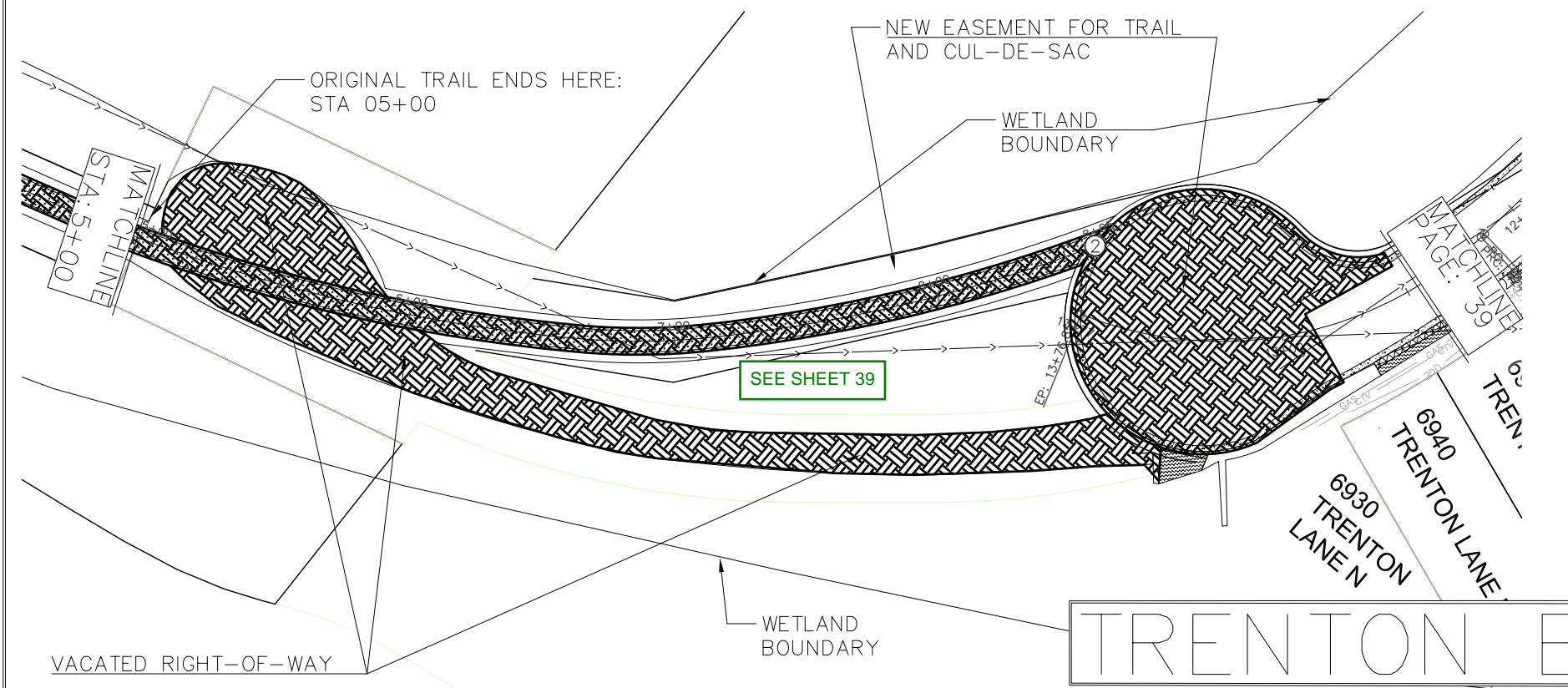


# TRENTON BIKE TRAIL

**LEGEND**

REPLACE BIT PAVEMENT	REPLACE BIT TRAIL	⑤ ADJUST GATE VALVE & BOX
REPLACE BIT DRIVEWAY PAVEMENT	① INSTALL CONC DW APRON	⑥ SALVAGE AND INSTALL MAILBOX
CONCRETE SIDEWALK	② INSTALL ADA PED RAMP	EXCAVATION-COMMON
TEMP HYDROMULCH/PERMANENT SOD	③ ADJUST CB CASTING	CONC APRON WITH BIT PATCH
NEW CONCRETE CURB - B618	④ ADJUST MH CASTING	CONC APRON WITH CONC PATCH

- NOTES:**
1. Original ROW being vacated, 6" common-ex, 6" topsoil, hydroseed restoration.
  2. All turf restoration around trail section more than 4' past road curb will be hydroseed, no sod.
  3. Turf area hatch not show on this plan sheet so that common-ex areas are visible.
  4. Turf area extends 2 feet to either side of trail and within vacated ROW area.
  5. Pages 63, 64, and 80 show watermain, sanitary sewer, and ped ramp details.
  6. Wetland boundary will be manually delineated in May prior to work and any modifications required to plans will be communicated during pre-construction meeting.
  7. Area of bike trail from STA: 6+20 to 8+65 will have approximately 50 trees varying in diameter from 3" to 16". Tree removal paid by each.
  8. Stump removal paid under grubbing of the 0.23 acre area.



# TRENTON BIKE TRAIL

NO.	DATE	BY	REMARKS

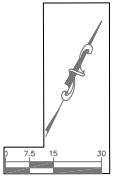
TRENTON LN/69 AVE  
TRAIL  
0+00 - 08+65

City of Maple Grove  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM

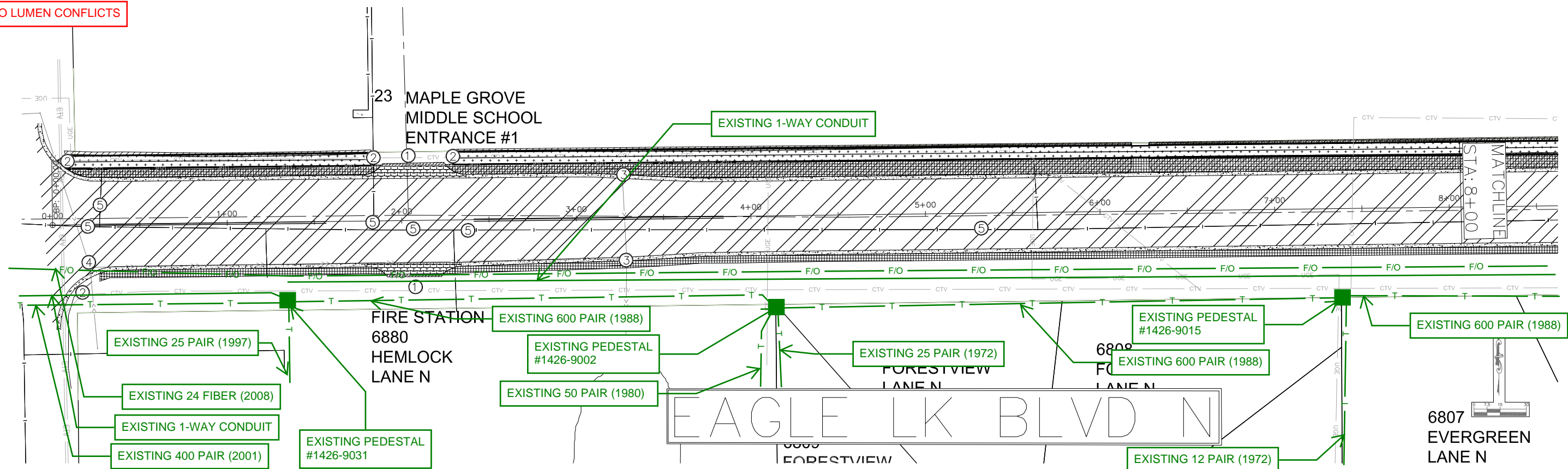
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA  
*Cynthia Hark*  
DATE: 03/09/22  
LIC. NO. 47064

DRAWN: JRB  
CHECKED: JRB  
APPROVED: JGH  
DATE: 03/09/22  
CONTR.# ENG 22-02  
SHEET 40 OF 81





NO LUMEN CONFLICTS



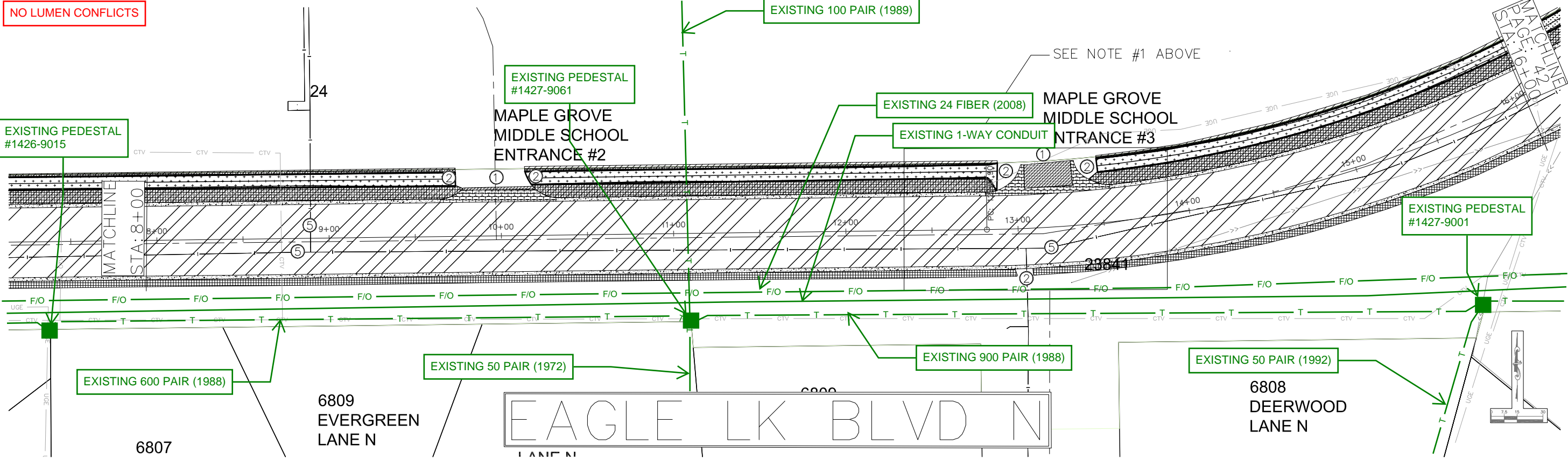
**LEGEND**

REPLACE BIT PAVEMENT	REPLACE BIT TRAIL	⑤ ADJUST GATE VALVE & BOX
REPLACE BIT DRIVEWAY PAVEMENT	① INSTALL CONC DW APRON	⑥ SALVAGE AND INSTALL MAILBOX
CONCRETE SIDEWALK	② INSTALL ADA PED RAMP	
TEMP HYDROMULCH/PERMANENT SOD	③ ADJUST CB CASTING	CONC APRON WITH BIT PATCH
NEW CONCRETE CURB - B618	④ ADJUST MH CASTING	CONC APRON WITH CONC PATCH

**NOTES**

1. See page 44 for traffic bump-out at STA: 3+00
2. See page 60 for traffic striping.
3. See page 65-68 for ped ramp details.
4. Entrance #3 commercial apron will be done 1/2 at a time for access
- 5.

NO LUMEN CONFLICTS



NO.	DATE	BY	REMARKS

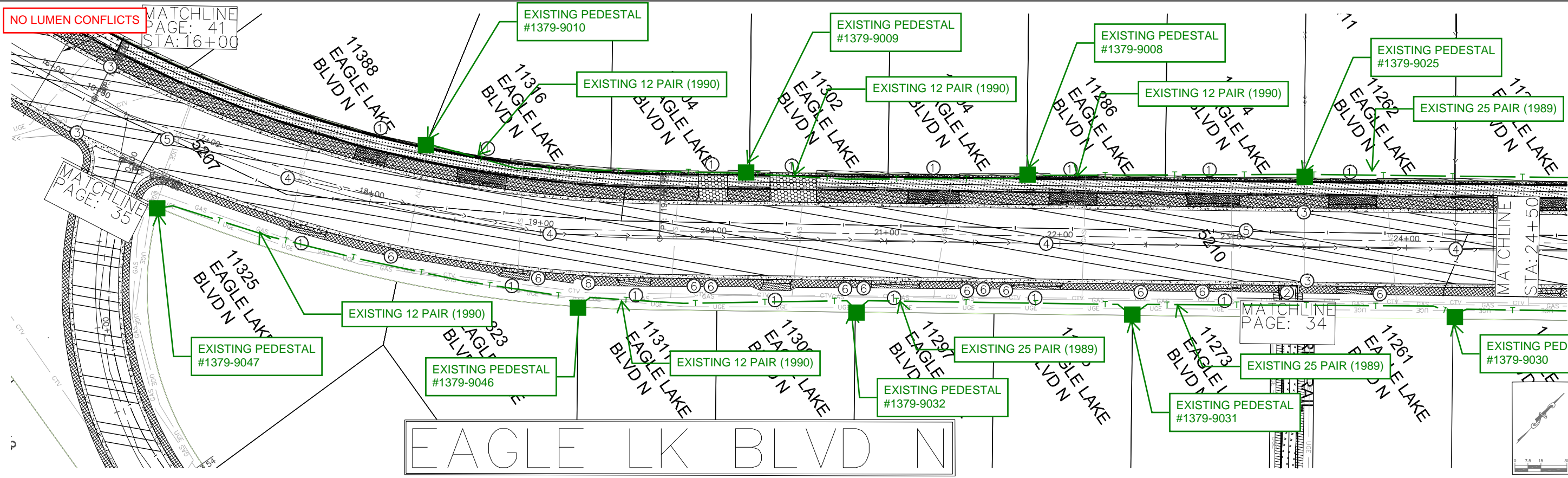
**EAGLE LK BLVD N**  
0+00 - 16+00

City of Maple Grove  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

**2022 MAPLE GROVE STREET RECONSTRUCTION PROGRAM**

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

DATE: 03/09/22  
DRAWN: JRB  
CHECKED: JRB  
APPROVED: JCH  
CONTR.# ENG 22-02  
SHEET 41 OF 81

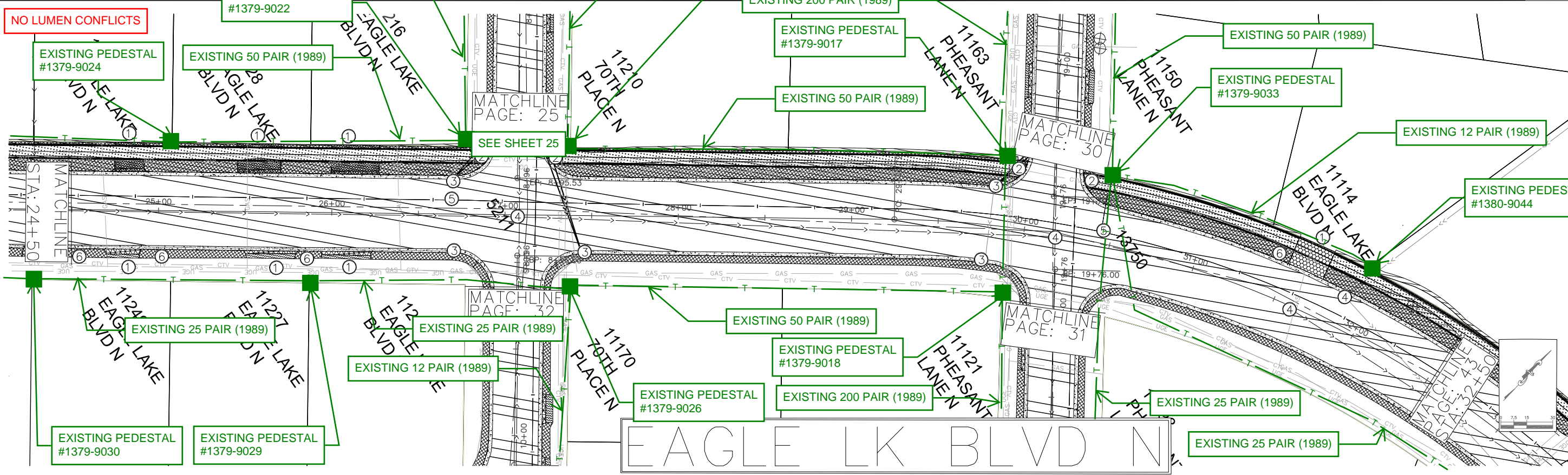


**LEGEND**

	REPLACE BIT PAVEMENT		REPLACE BIT TRAIL		ADJUST GATE VALVE & BOX
	REPLACE BIT DRIVEWAY PAVEMENT		INSTALL CONC DW APRON		SALVAGE AND INSTALL
	CONCRETE SIDEWALK		INSTALL ADA PED RAMP		CONC APRON WITH BIT PATCH
	TEMP HYDROMULCH/PERMA		ADJUST MH CASTING		CONC APRON WITH CONC PATCH
	NEW CONCRETE CURB - BIT		EXISTING 200 PAIR (1989)		
	EXISTING PEDESTAL #1379-9022				

**NOTES**

- For storm improvements, see pages 49, 51, & 58.
- See page 61 for traffic striping details.
- See page 69-71 for ped ramp details.



NO LUMEN CONFLICTS	MATCHLINE PAGE: 41 STA: 16+00
MATCHLINE PAGE: 35	MATCHLINE PAGE: 34
MATCHLINE PAGE: 25	MATCHLINE PAGE: 30
MATCHLINE PAGE: 32	MATCHLINE PAGE: 31
MATCHLINE PAGE: 32+50	MATCHLINE PAGE: 32+50

**EAGLE LK BLVD N**  
16+00 - 32+50

**2022 MAPLE GROVE STREET RECONSTRUCTION PROGRAM**

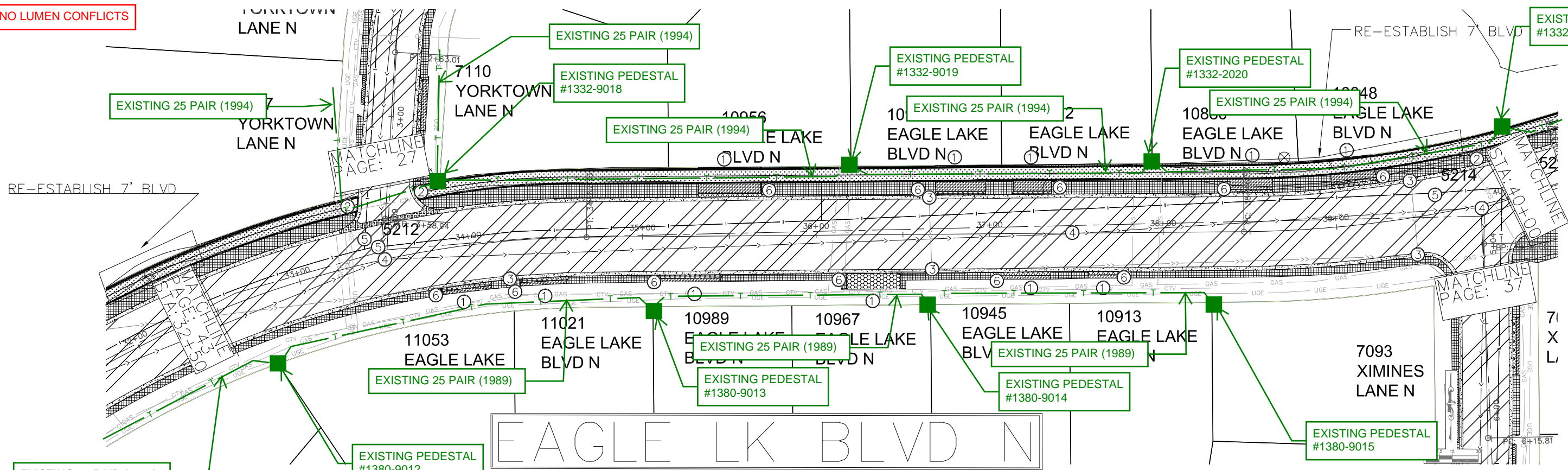
City of Maple Grove  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

DATE: 03/09/22  
CONTR. #ENG 22-02  
SHEET 42 OF 81

DRAWN: JRB  
CHECKED: JRB  
APPROVED: JCH

REMARKS  
REVISIONS

NO LUMEN CONFLICTS



NO.	DATE	BY	REMARKS

EAGLE LK BLVD N  
32+50 - 47+97

City of Maple Grove  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55311  
PHONE: (763) 494-6350

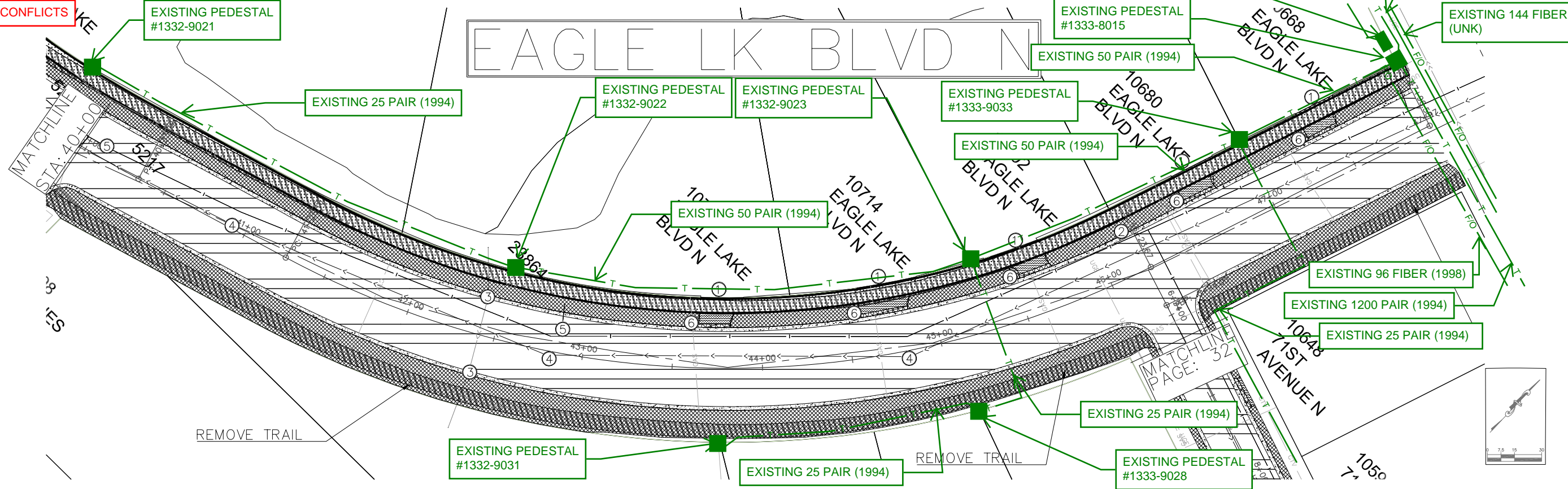
LEGEND

	REPLACE BIT PAVEMENT		REPLACE BIT TRAIL	⑤	ADJUST GATE VALVE & BOX
	REPLACE BIT DRIVEWAY PAVEMENT	①	INSTALL CONC DW APRON	⑥	SALVAGE AND INSTALL MAILBOX
	REMOVE BIT TRAIL	②	INSTALL ADA PED RAMP	⊗	REMOVE TREE
	TEMP HYDROMULCH/PERMANENT SOD	③	ADJUST CB CASTING		CONC APRON WITH BIT PATCH
	NEW CONCRETE CURB - B618	④	ADJUST MH CASTING		CONC APRON WITH CONC PATCH

NOTES

1. See sheet 62 for traffic striping details.
2. See sheet 72, 73, & 74 for ped ramp details.
3. Bike trail at 10880 & 10848 Eagle Lk Blvd and 7107 Yorktown Ln will be moved to re-establish 7' bld between trail and back of curb.
4. Common-Ex for all bike trails, 1' beyond trail width, hatch not shown.
5. Bike trail on south side of Eagle Lk Blvd from STA: 40+00 to STA: 47-97.
6. Restore removed trail area with 6' bld.

NO LUMEN CONFLICTS



2022 MAPLE GROVE  
STREET RECONSTRUCTION  
PROGRAM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

*[Signature]*  
DATE: 03/09/22

DRAWN: JRB  
CHECKED: JRB  
APPROVED: JCH  
DATE: 03/09/22  
CONTR.# ENG 22-02  
SHEET 43 OF 81