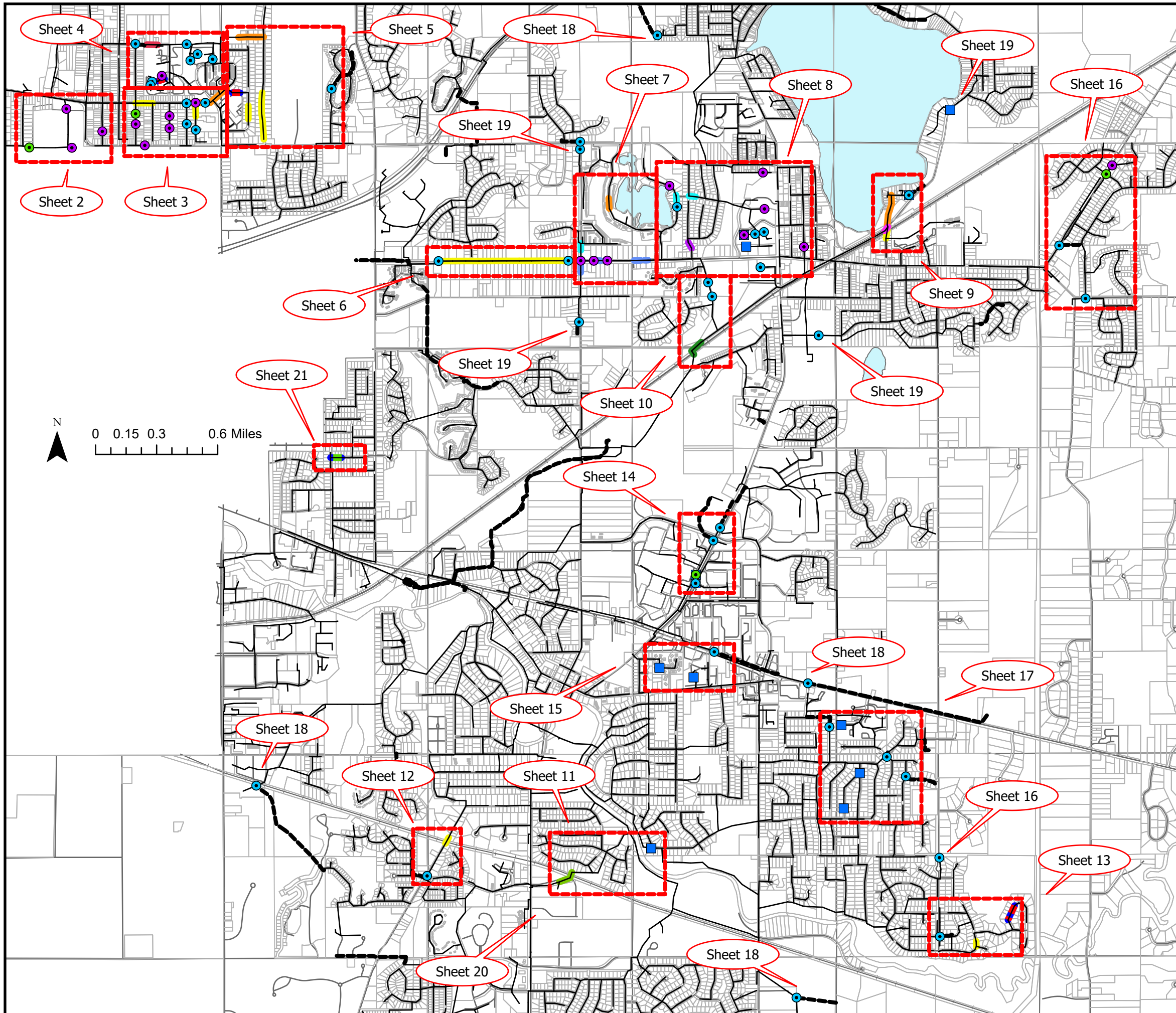




Manhole Rehabilitation

Manhole, Grouting, Fully Sealed	19 EA
Manhole, Liner	372 VFt (41 EA)
Manhole, Grout Pipe Connection	4 EA
Manhole, Rebuild Chimney	12 EA

Pipe Rehabilitation - Grout

Sewer, Joint Air Test & Grout, 8"	139 Joints
Sewer, Joint Air Test & Grout, 10"	186 Joints
Sewer, Joint Air Test & Grout, 21"	33 Joints
Sewer, Joint Air Test & Grout, 24"	26 Joints
Sewer, CIPP, 8"	6625 Ft
Sewer, CIPP, 10"	2,980 Ft
Sewer, CIPP, 12"	320 Ft
Sewer, CIPP, 18"	450 Ft
Sewer, CIPP, 36"	435 ft
Sewer, Sectional CIPPR, 8"	4 EA
Sewer, Sectional CIPPR, 10"	1 EA

Meridian Charter Township

Ingham County, Michigan

Sanitary Sewer System

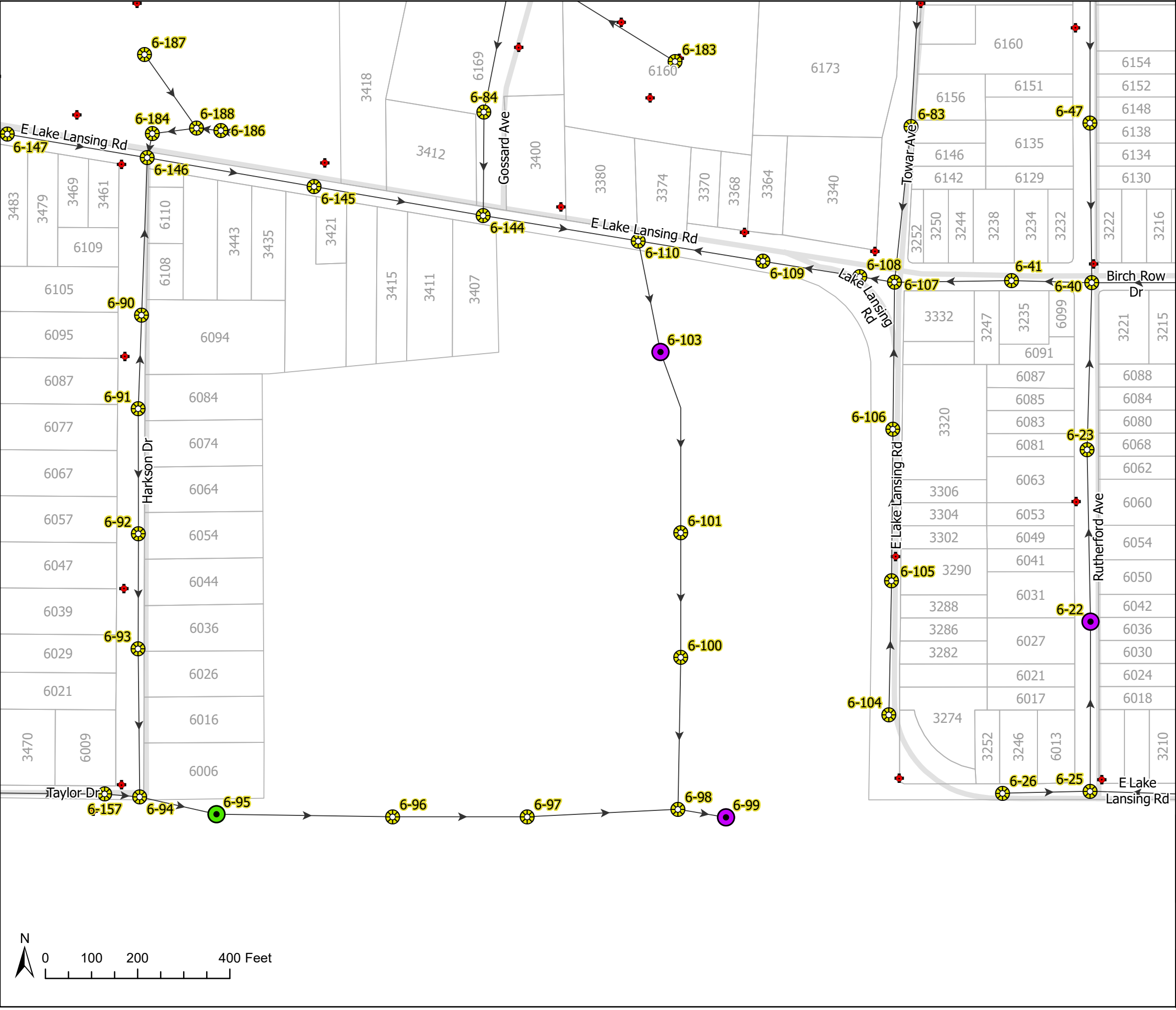
7/1/2026	JH	Bid Plans
7/20/2026	JH	Addendum #1

SANITARY SEWER REHABILITATION 2026

Project Overview

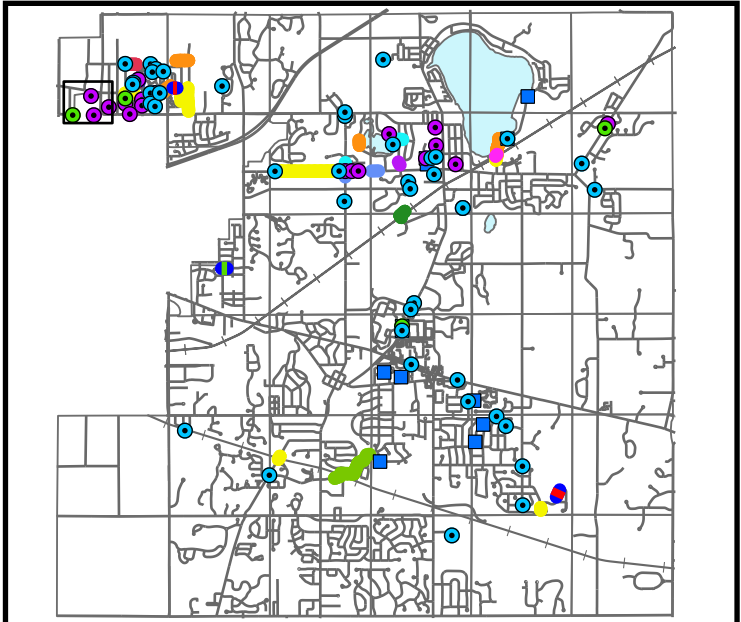
SHEET

1/21



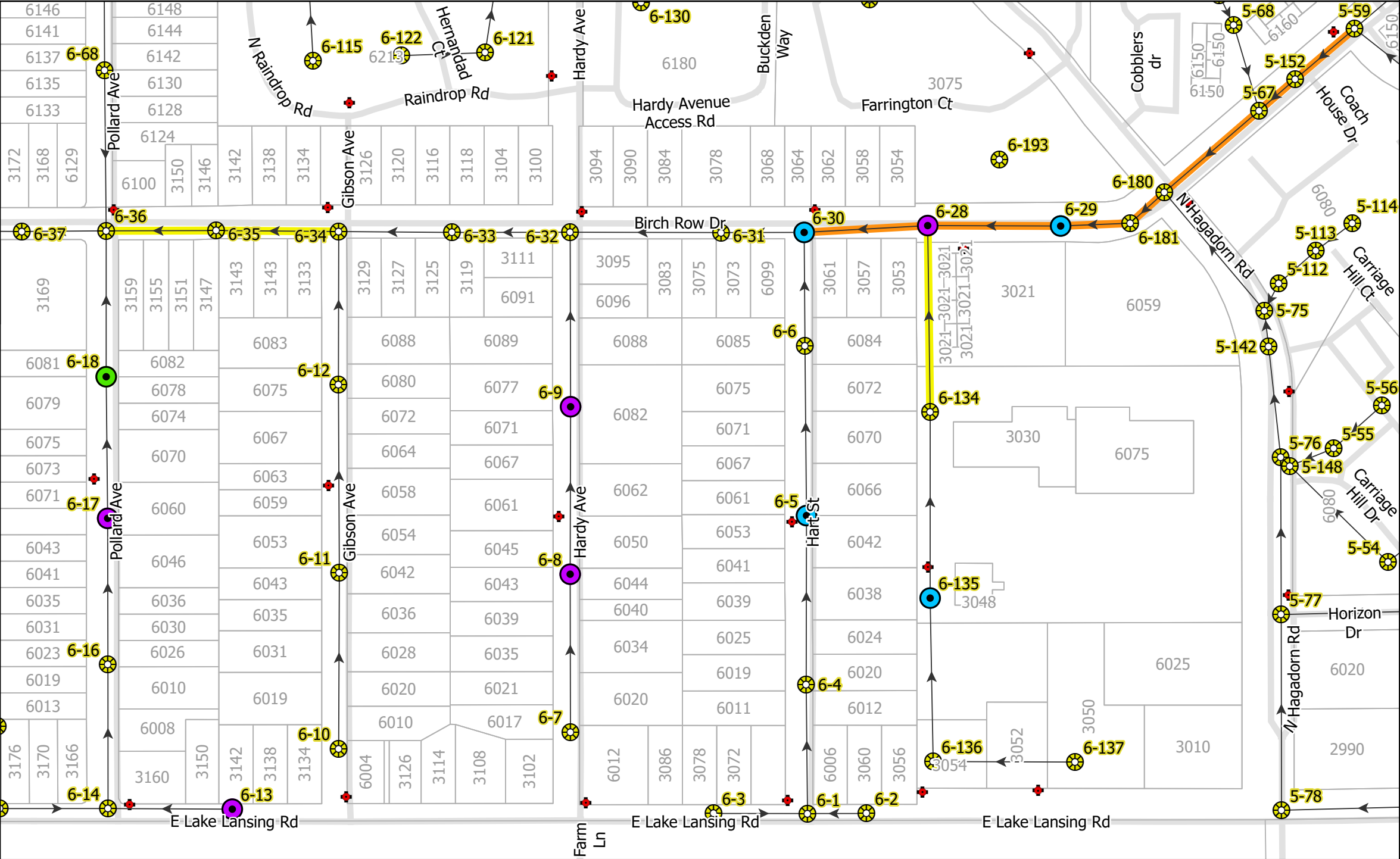
Rehab Quantities:

- Manhole, Grouting, Fully Sealed 3 EA
- Manhole, Grout Pipe Connection 1 EA

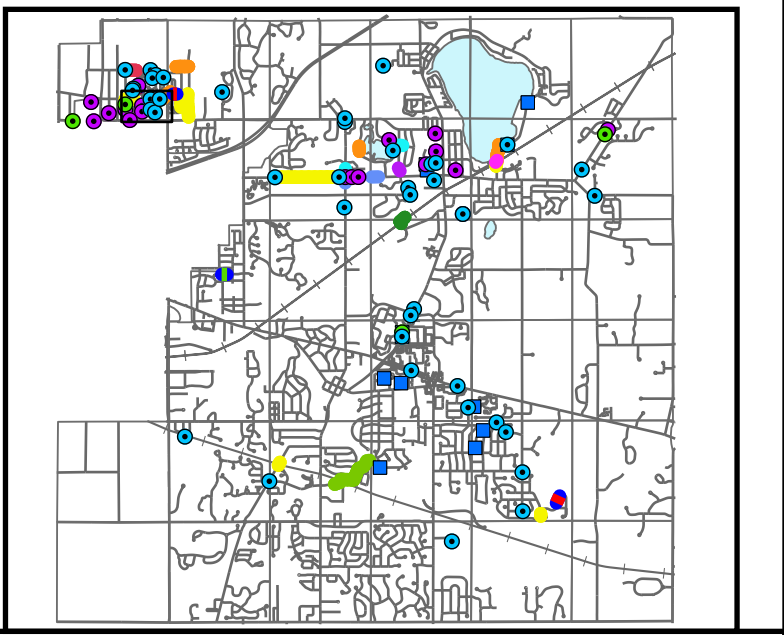


Meridian Charter Township
Ingham County, Michigan
Sanitary Sewer System

7/1/2026	JH	Bid Plans
7/20/2026	JH	Addendum #1
SANITARY SEWER REHABILITATION 2026		SHEET
Towar Gardens Southwest		2/21

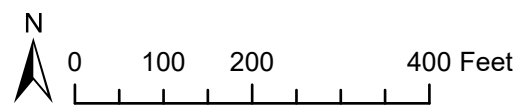


Rehab Quantities:		
	Sewer, CIPP, 8"	590 LF
	Sewer, CIPP, 10"	1200 LF
	Manhole, Grouting, Fully Sealed	5 EA
	Manhole, Liner	4 EA
	Manhole, Grout Pipe Connection	1 EA



Meridian Charter Township
Ingham County, Michigan
Sanitary Sewer System

7/1/2026	JH	Bid Plans
7/20/2026	JH	Addendum #1

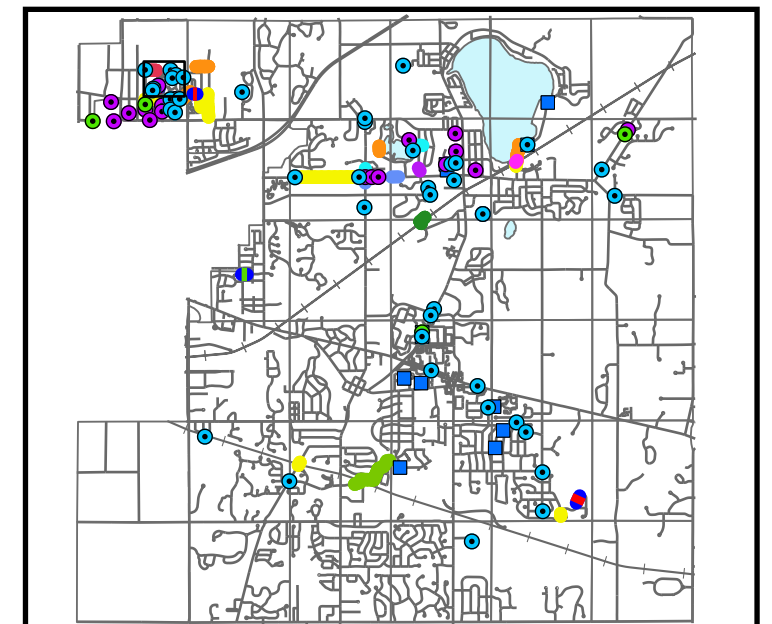




Rehab Quantities:

	Sewer, CIPP, 12"	320 LF
	Manhole, Grouting, Fully Sealed	1 EA
	Manhole, Liner	7 EA
	Sewer, Sectional CIPPR, 8"	1 EA

99 ft Downstream of MH 6-116



Meridian Charter Township

Ingham County, Michigan

Sanitary Sewer System

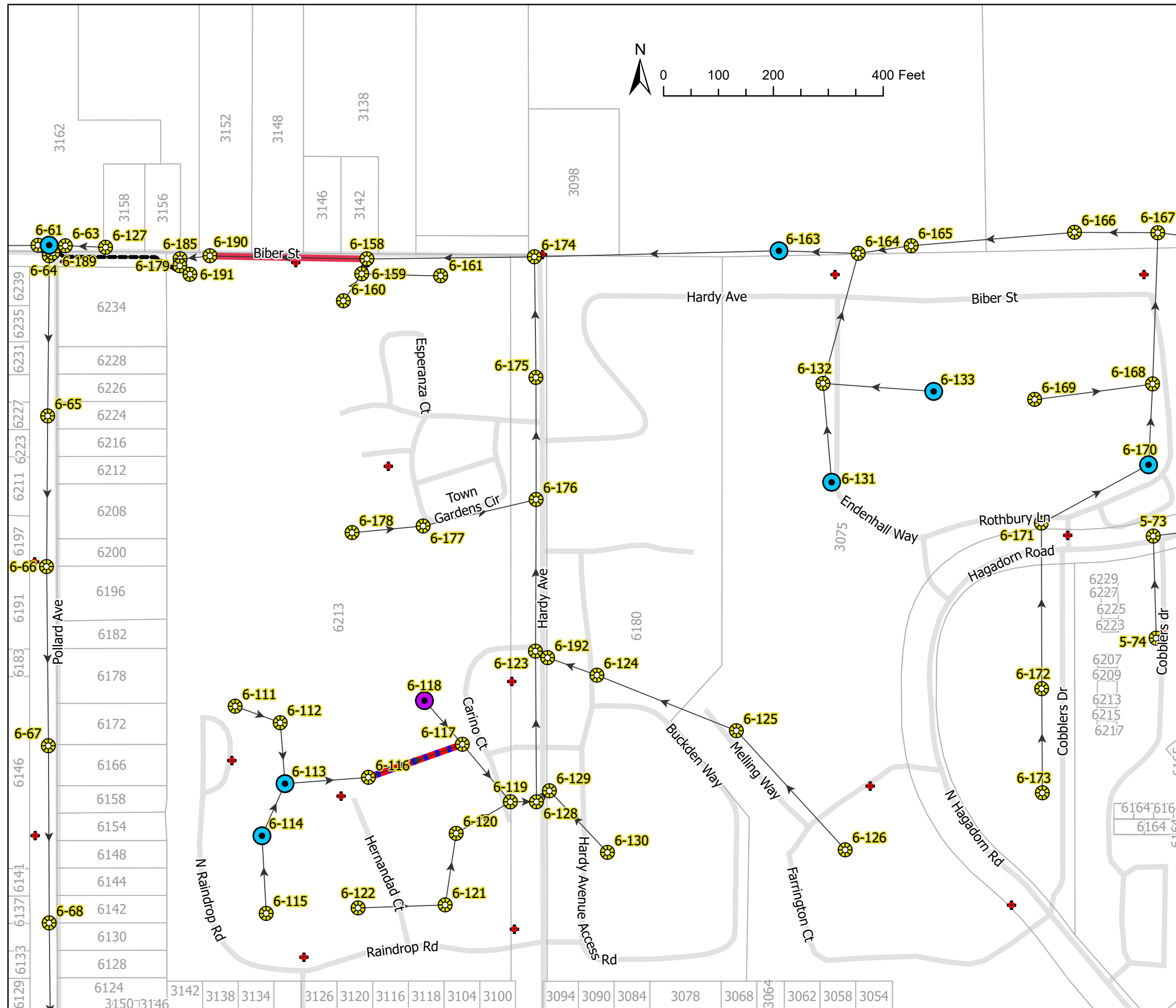
7/1/2026	JH	Bid Plans
7/20/2026	JH	Addendum #1

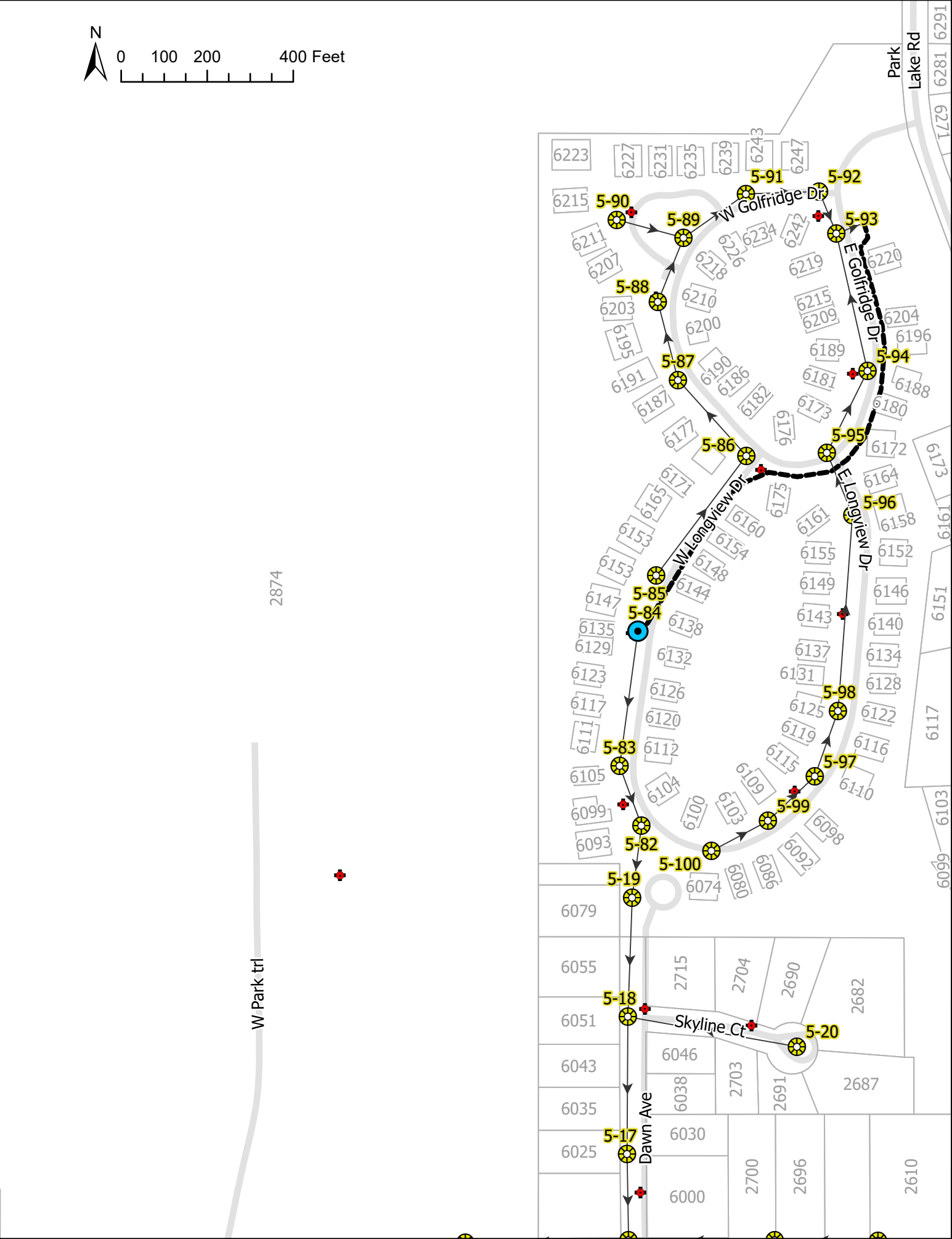
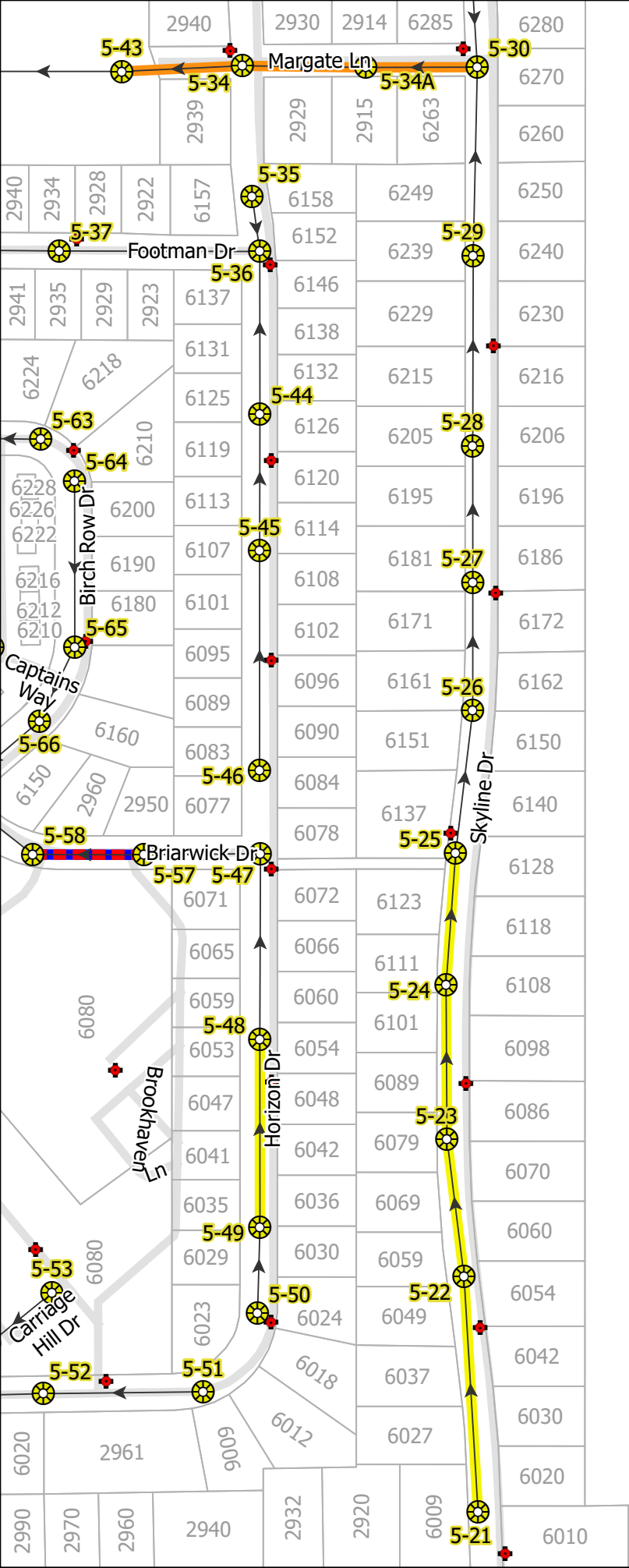
SANITARY SEWER REHABILITATION 2026

Towar Gardens North

SHEET

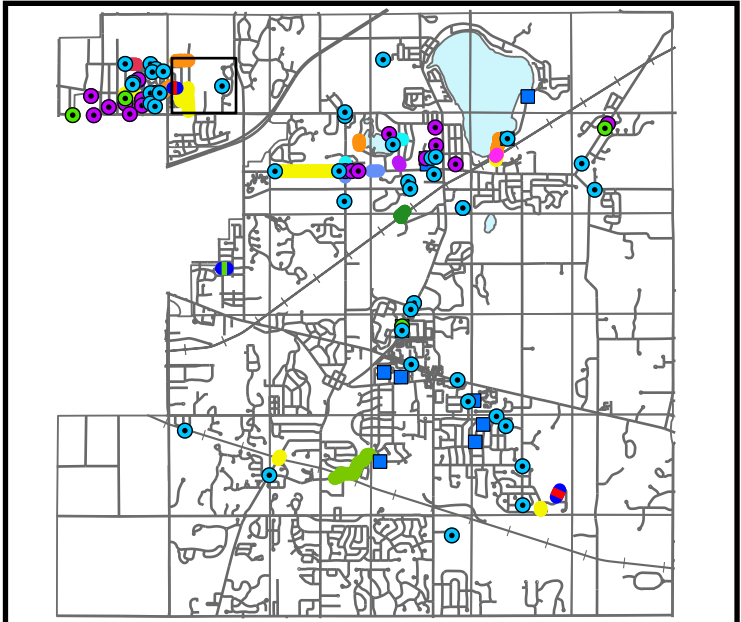
4/21





Rehab Quantities:

	Sewer, CIPP, 8"	1090 LF
	Sewer, CIPP, 10"	660 LF
	Manhole, Liner	1 EA
	Sewer, Sectional CIPPR, 8"	1 EA
199 ft Downstream of MH 5-57		



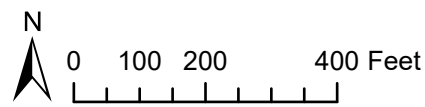
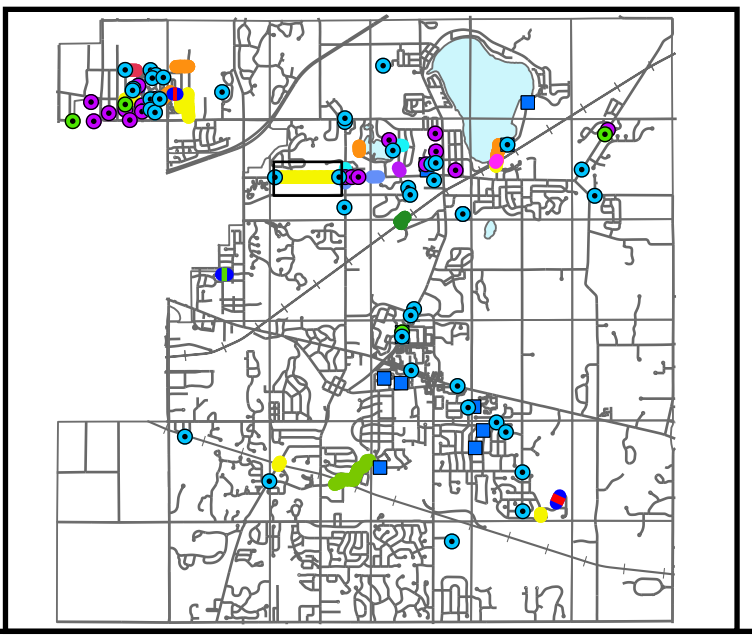
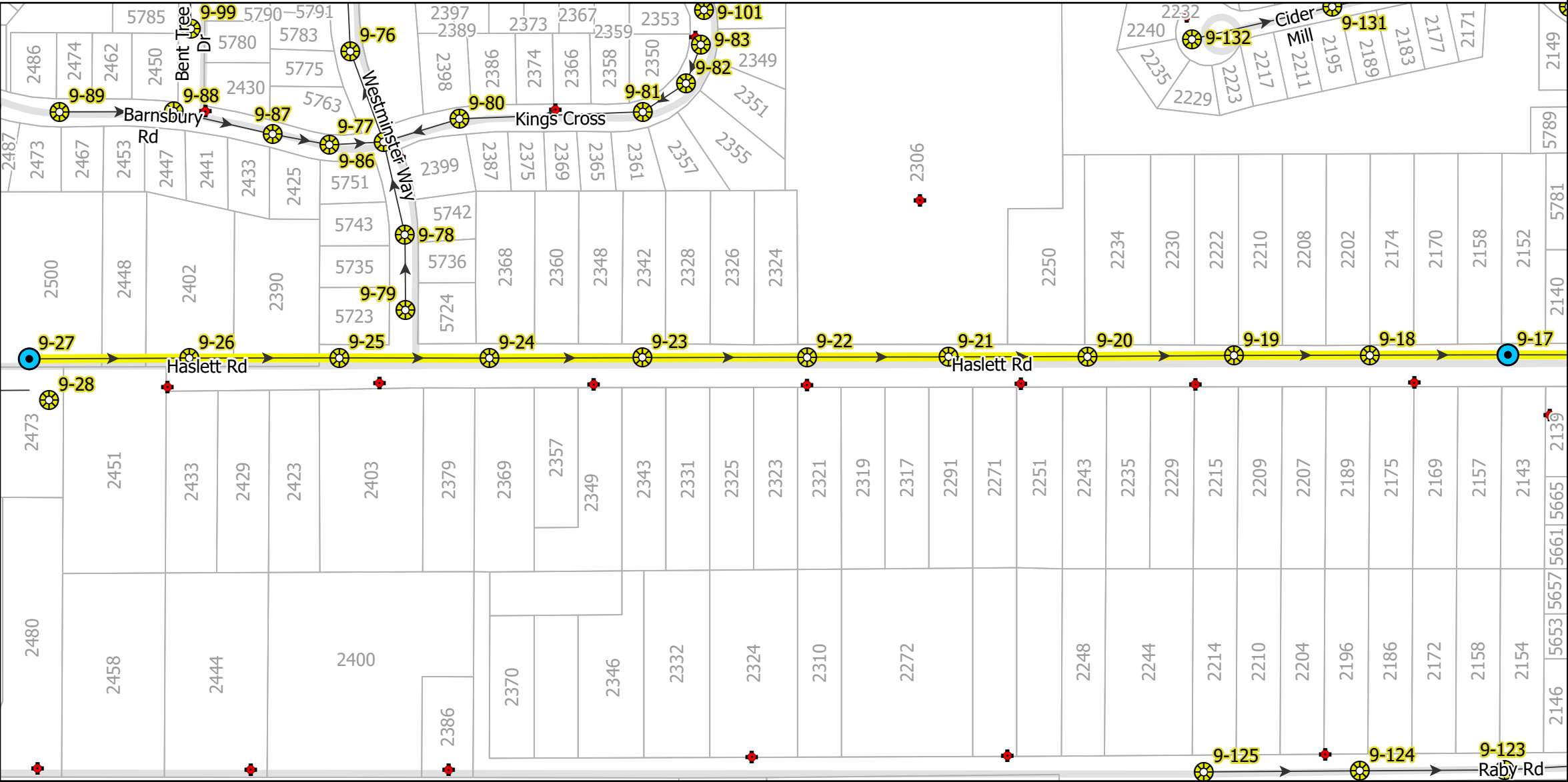
Meridian Charter Township
Ingham County, Michigan
Sanitary Sewer System

7/1/2026	JH	Bid Plans
7/20/2026	JH	Addendum #1



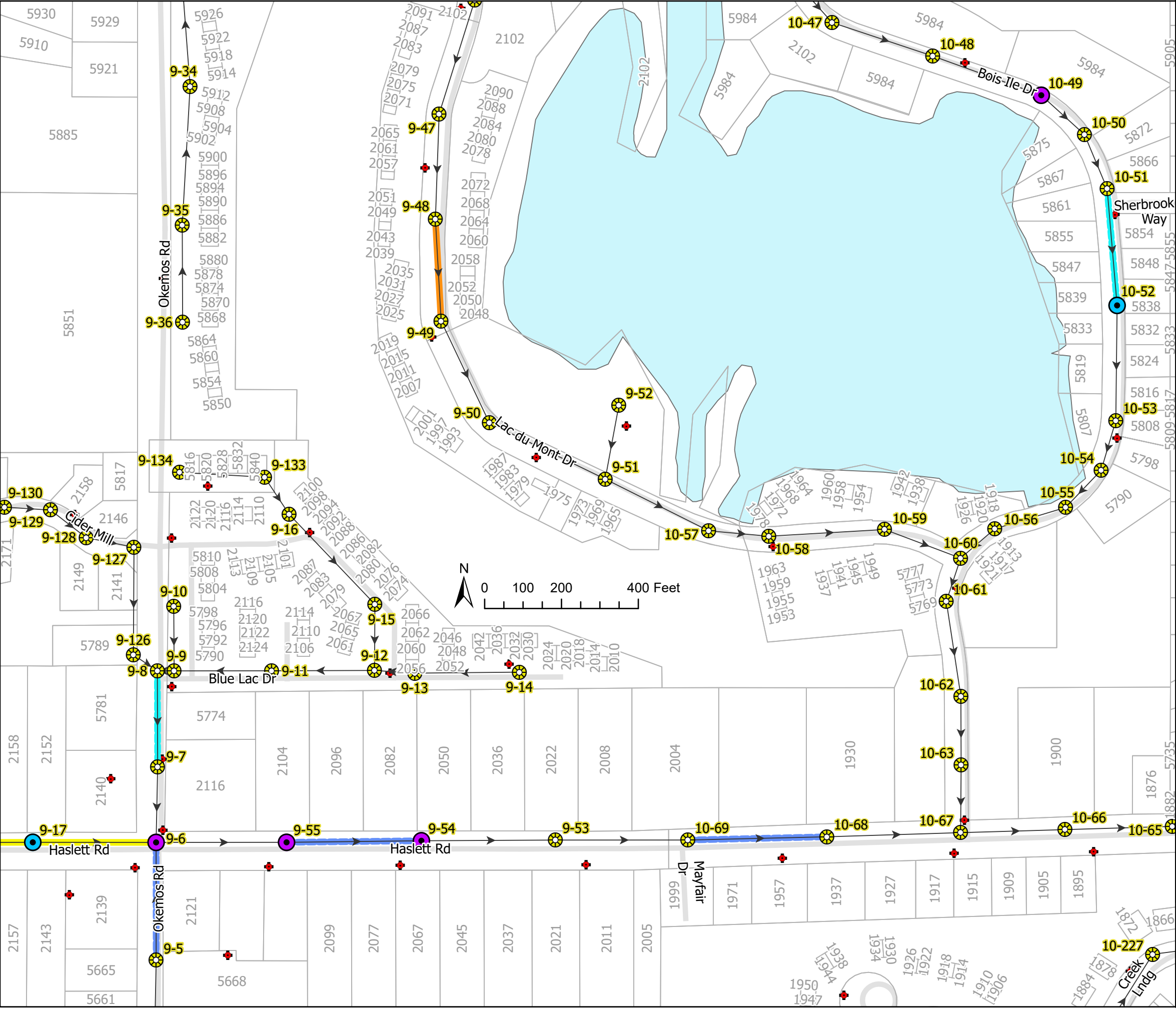
Rehab Quantities:

- Sewer, CIPP, 8" 3390 LF
- Manhole, Liner 2 EA



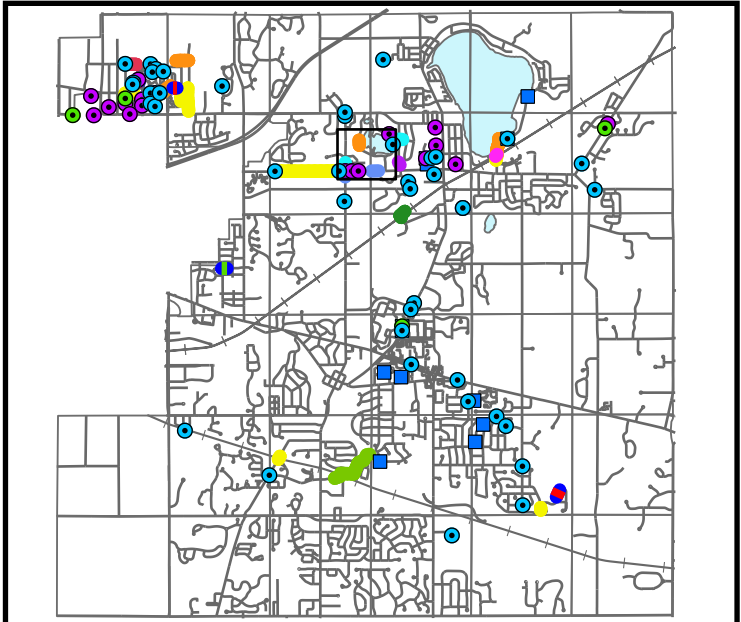
Meridian Charter Township
Ingham County, Michigan
Sanitary Sewer System

7/1/2026	JH	Bid Plans
7/20/2026	JH	Addendum #1
SANITARY SEWER REHABILITATION 2026		SHEET
Haslett Rd West		6/21



Rehab Quantities:

Sewer, CIPP, 8"	320 LF
Sewer, CIPP, 10"	265 LF
Sewer, Joint Air Test & Grout, 8"	111 EA
Sewer, Joint Air Test & Grout, 10"	206 EA
Manhole, Grouting, Fully Sealed	4 EA
Manhole, Liner	1 EA (10-52)



Meridian Charter Township

Ingham County, Michigan

Sanitary Sewer System

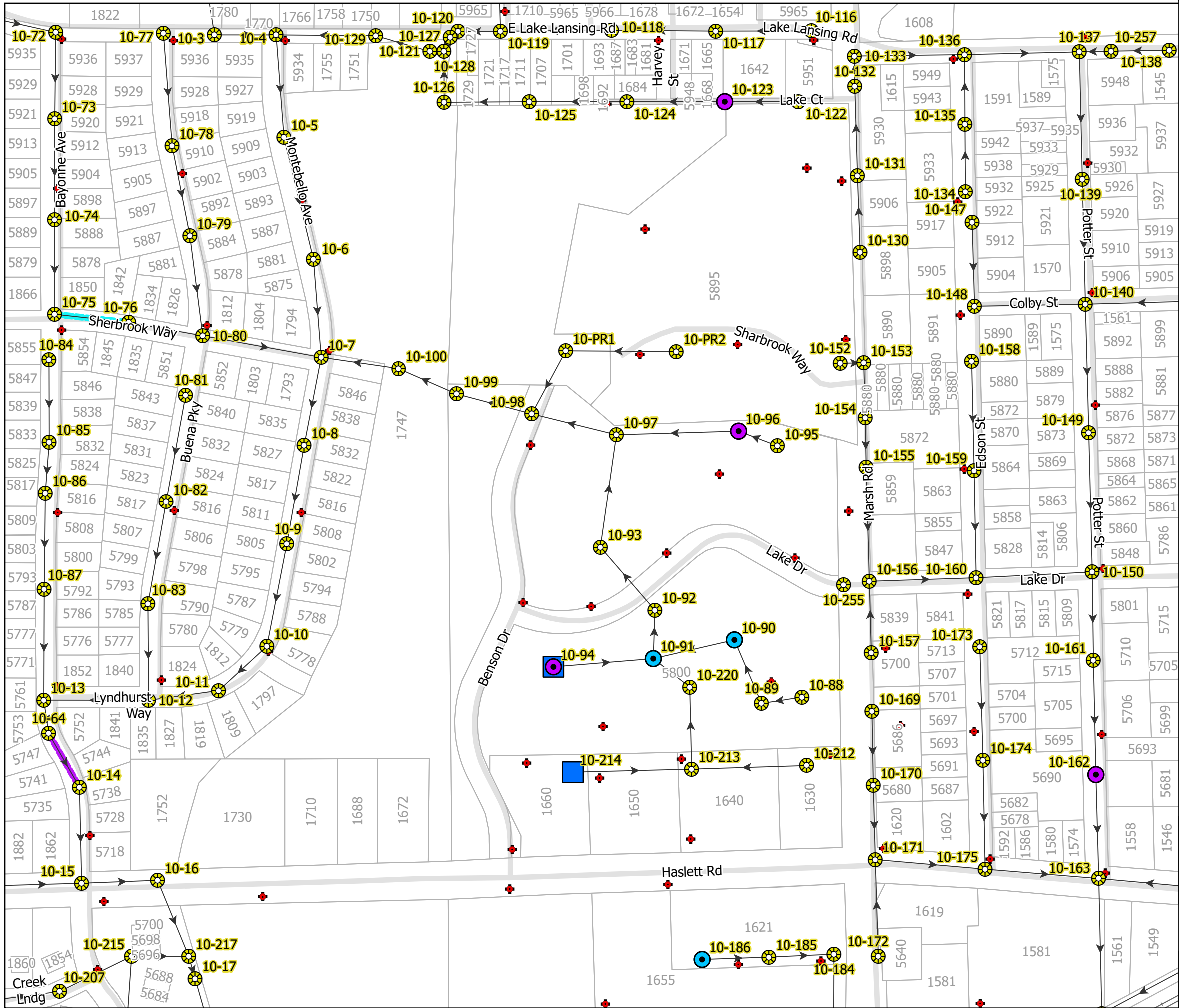
7/1/2026	JH	Bid Plans
7/20/2026	JH	Addendum #1

SANITARY SEWER REHABILITATION 2026

Haslett Rd Center

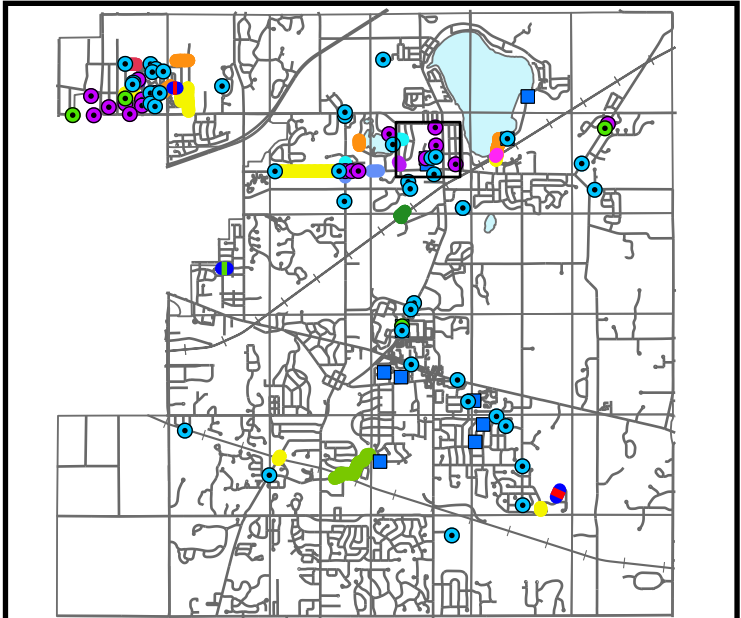
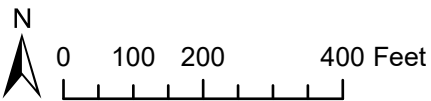
SHEET

7/21



Rehab Quantities:

	Sewer, Joint Air Test & Grout, 8"	43 EA
	Sewer, Joint Air Test & Grout, 21"	36 EA
	Manhole, Grouting, Fully Sealed	4 EA
	Manhole, Liner	3 EA
	Manhole, Rebuild Chimney	2 EA



Meridian Charter Township

Ingham County, Michigan

Sanitary Sewer System

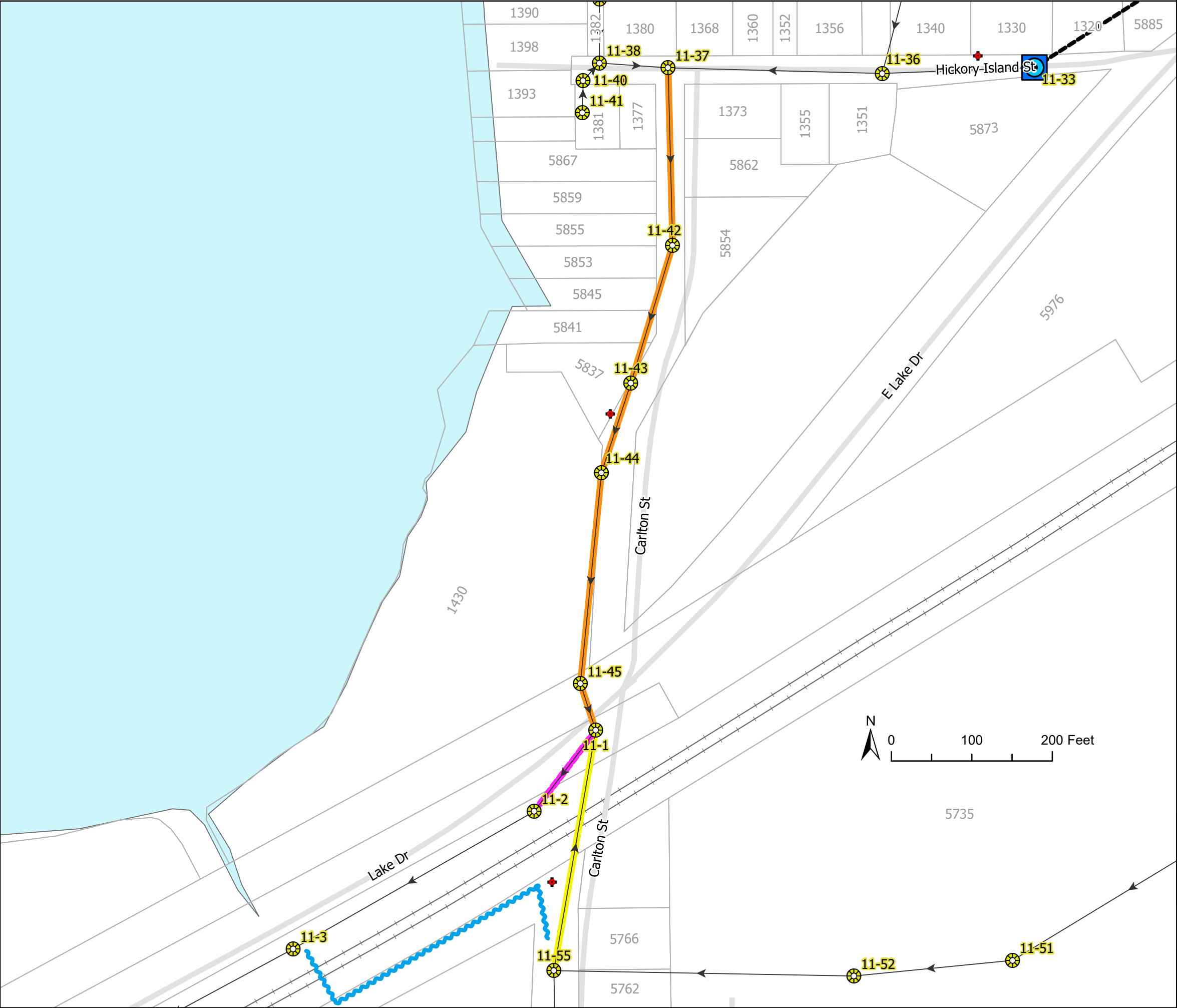
7/1/2026	JH	Bid Plans
7/20/2026	JH	Addendum #1

SANITARY SEWER REHABILITATION 2026

Haslett Rd East

SHEET

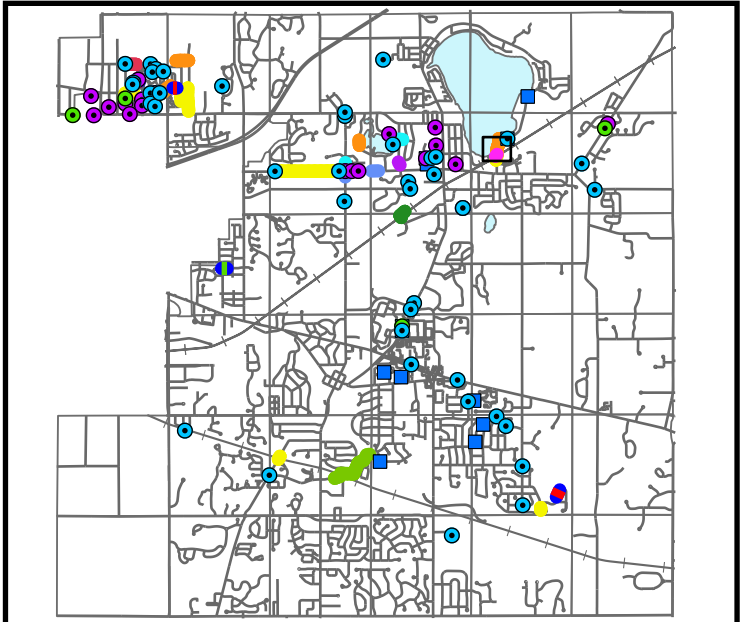
8/21



Rehab Quantities:

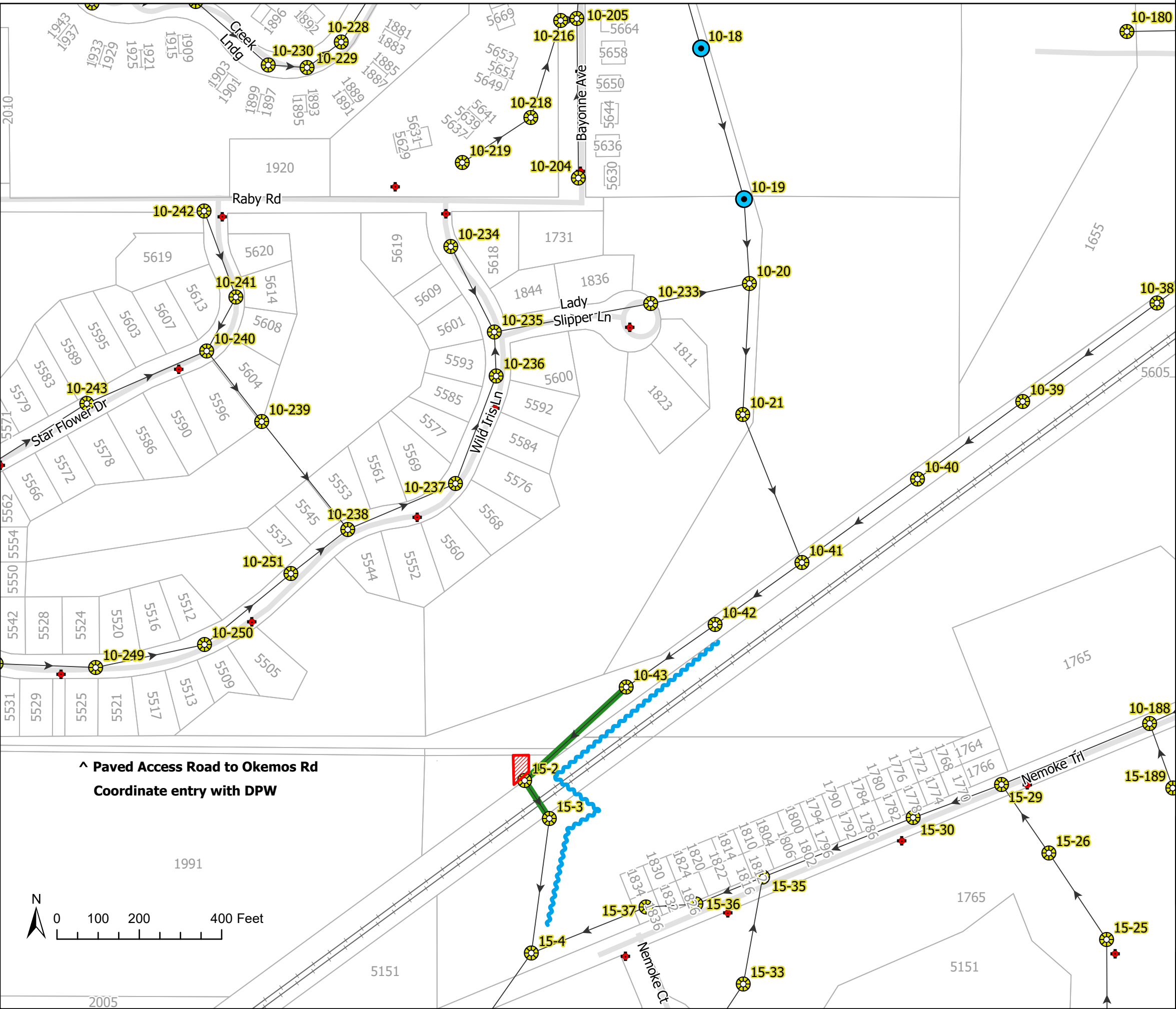
	Sewer, CIPP, 8"	305 LF
	Sewer, CIPP, 10"	855 LF
	Sewer, Joint Air Test & Grout, 24"	26 EA
	Manhole, Liner	1 EA
	Manhole, Rebuild Chimney	1 EA

Suggested Bypass Route
(Through Culvert)

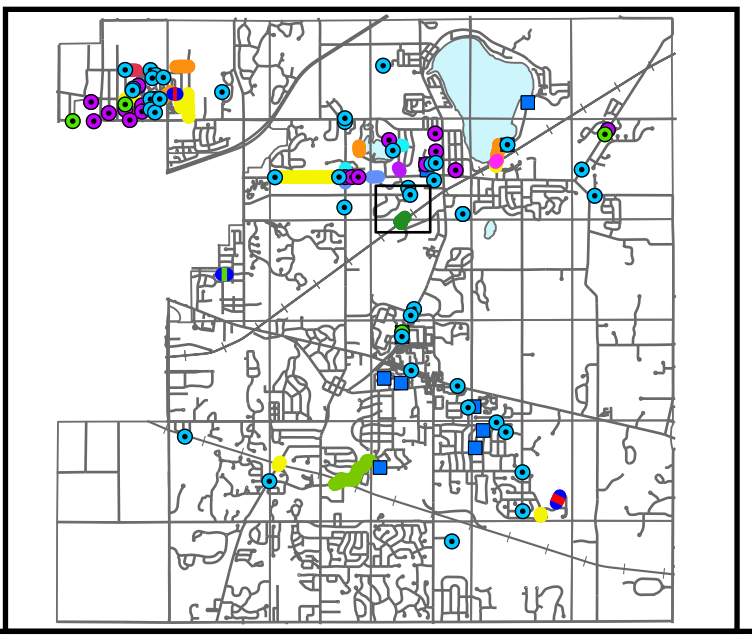


Meridian Charter Township
Ingham County, Michigan
Sanitary Sewer System

7/1/2026	JH	Bid Plans
7/20/2026	JH	Addendum #1
SANITARY SEWER REHABILITATION 2026		SHEET
Carlton St		9/21



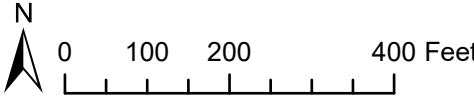
- Rehab Quantities:**
- Sewer, CIPP, 36" 435 LF
 - Manhole, Liner 2 EA
 - Suggested Bypass Route (Through Culvert)
 - Tree and Brush Removal (Approximate)



Meridian Charter Township
Ingham County, Michigan
Sanitary Sewer System

7/1/2026	JH	Bid Plans
7/20/2026	JH	Addendum #1

SANITARY SEWER REHABILITATION 2026 Interurban Trail	SHEET 10/21
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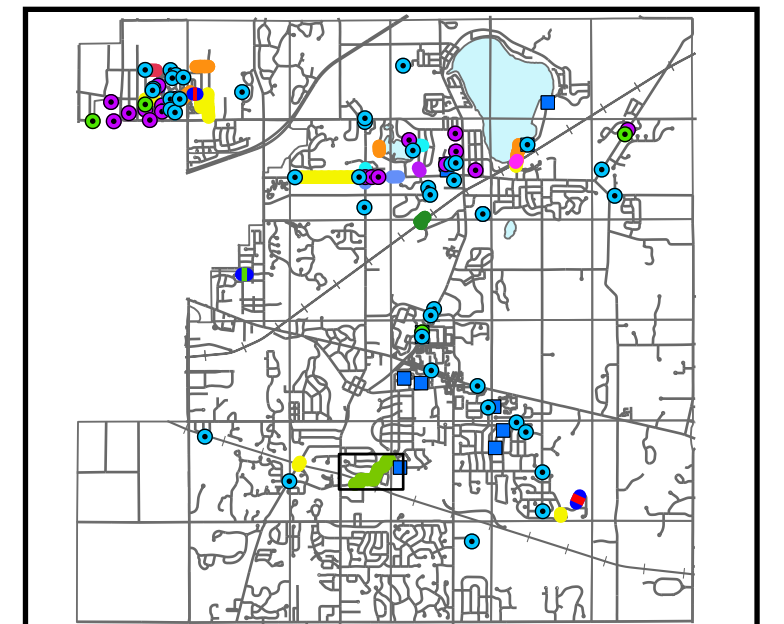




Rehab Quantities:

- Sewer, CIPP, 18" **Priority 1** 450 LF
- Manhole, Rebuild Chimney 1 EA

 Suggested Bypass Route
(Through Culvert)



Meridian Charter Township

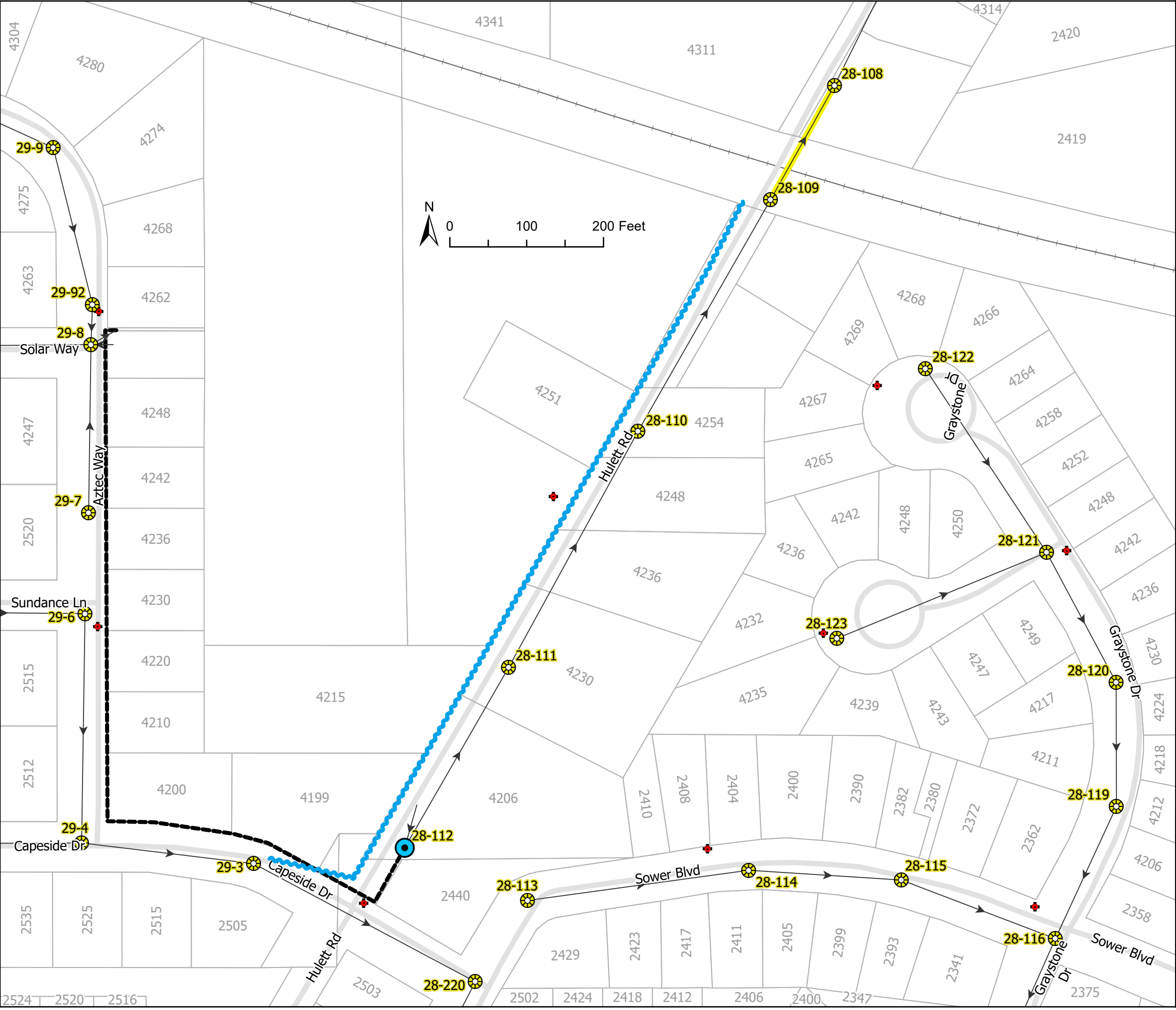
Ingham County, Michigan

Sanitary Sewer System

7/1/2026	JH	Bid Plans
7/20/2026	JH	Addendum #1

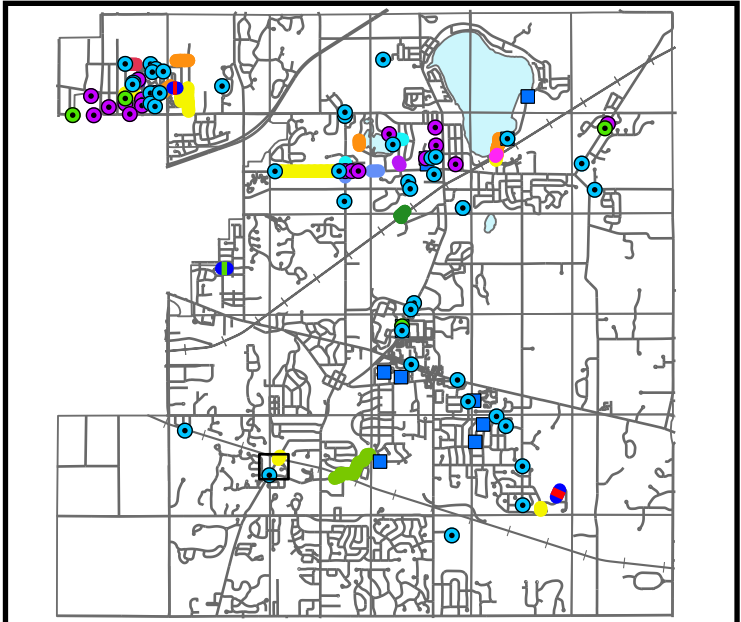
SANITARY SEWER REHABILITATION 2026
White Owl Way

SHEET
11/21



Rehab Quantities:

- Sewer, CIPP, 8" **Priority 1** 170 LF
- Manhole, Liner 1 EA
- Suggested Bypass Route



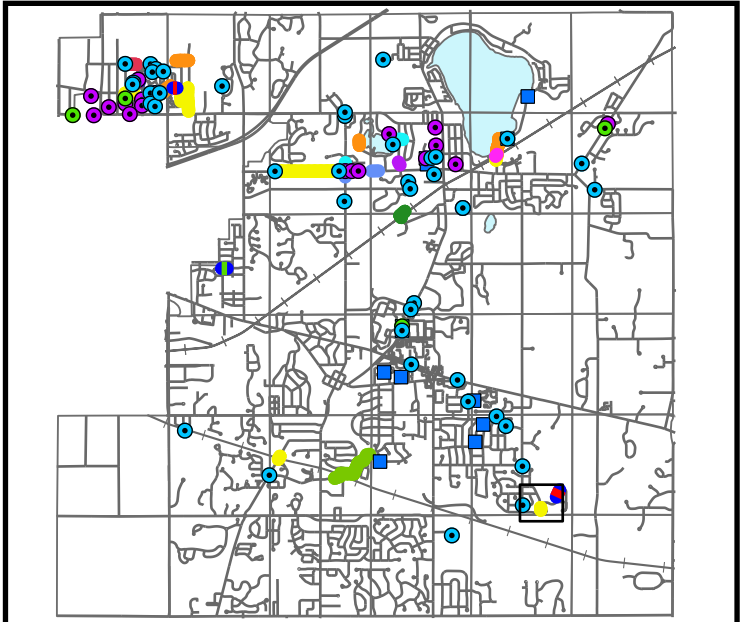
Meridian Charter Township
Ingham County, Michigan
Sanitary Sewer System

7/1/2026	JH	Bid Plans
7/20/2026	JH	Addendum #1
SANITARY SEWER REHABILITATION 2026		SHEET
Hulett Rd		12/21



Rehab Quantities:

- Sewer, CIPP, 8" 130 LF
- Manhole, Liner 1 EA
- Sewer, Sectional CIPPR, 8" 2 EA
- 357 ft Downstream of MH 26-160
- 384 ft Downstream of MH 26-160



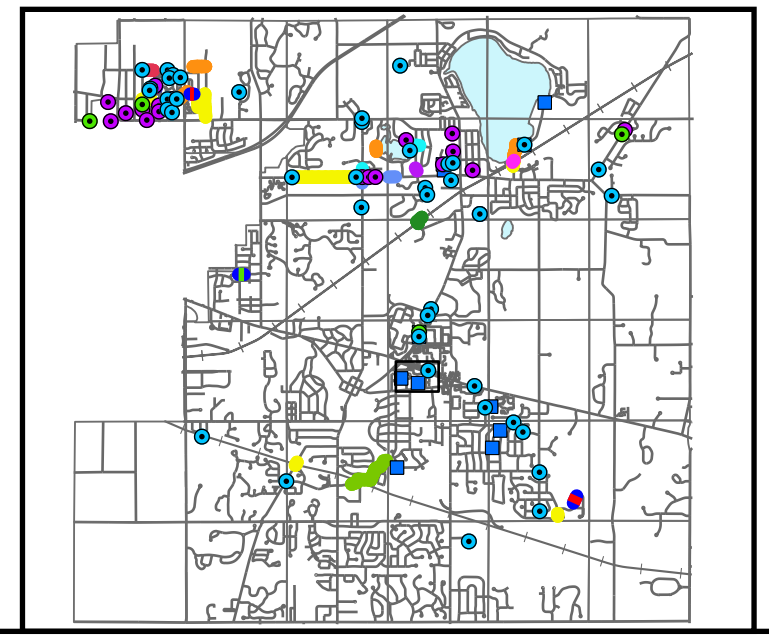
Meridian Charter Township
Ingham County, Michigan
Sanitary Sewer System

7/1/2026	JH	Bid Plans
7/20/2026	JH	Addendum #1
SANITARY SEWER REHABILITATION 2026		SHEET
Shoals Dr		13/21



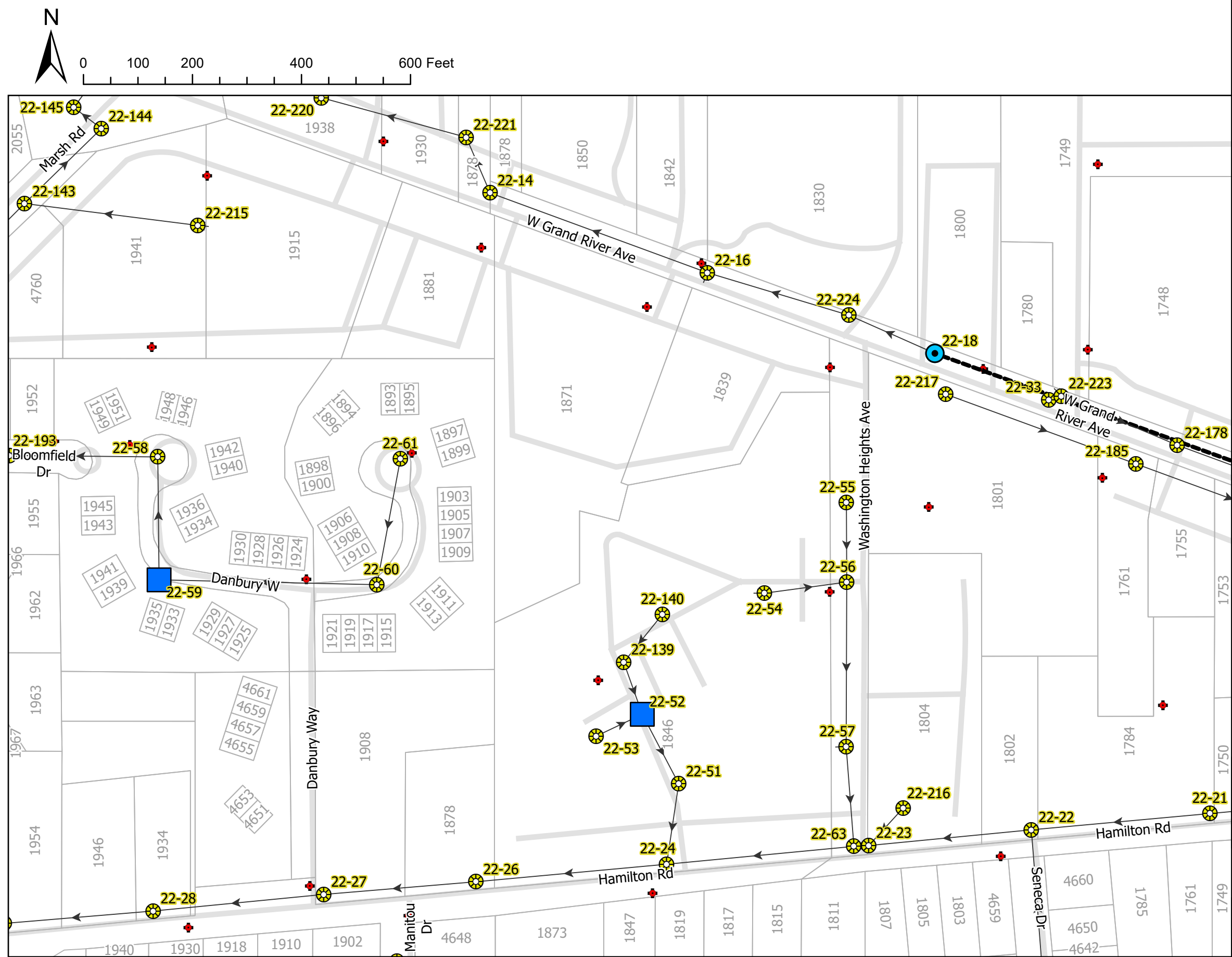
Rehab Quantities:

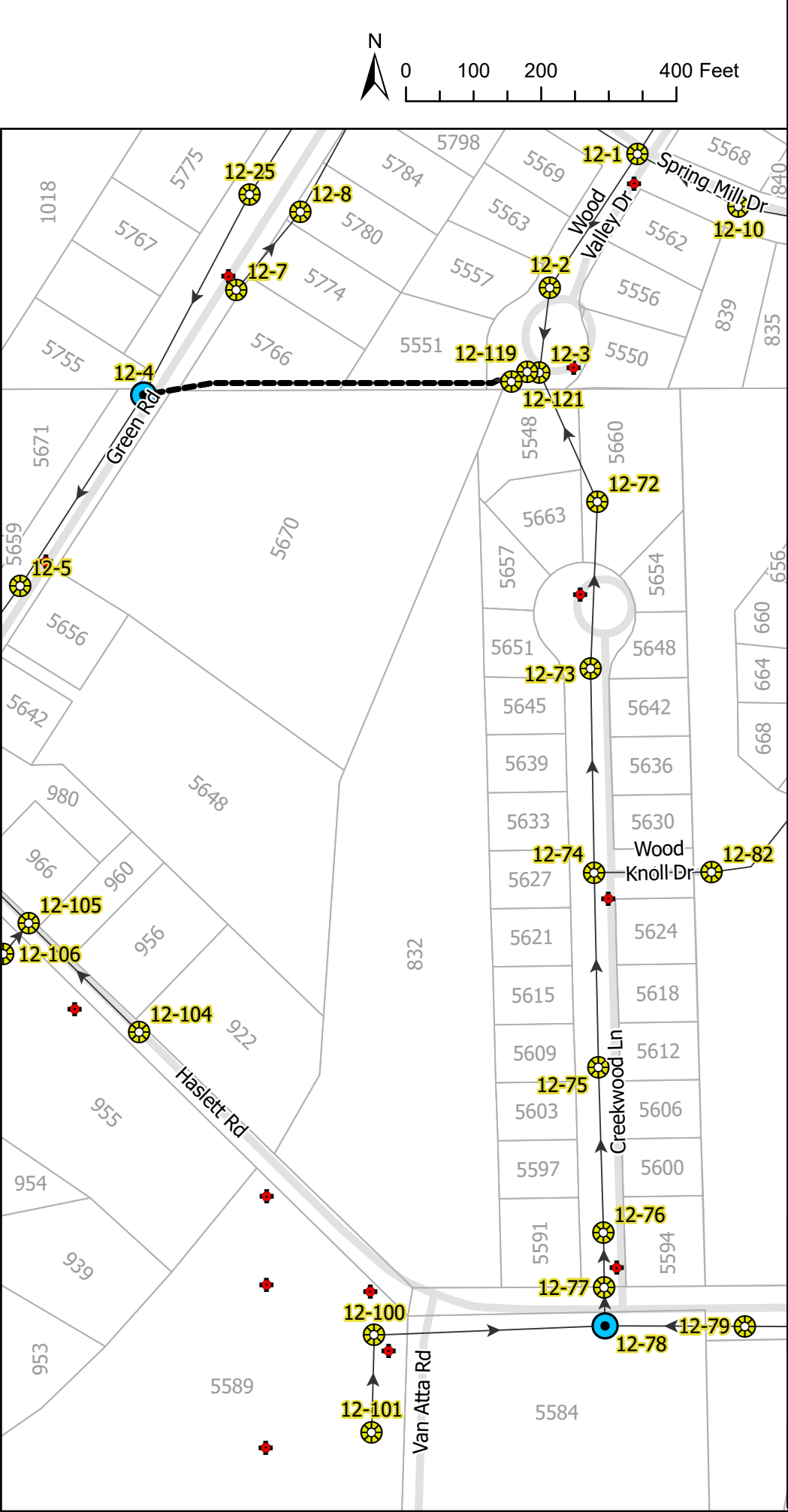
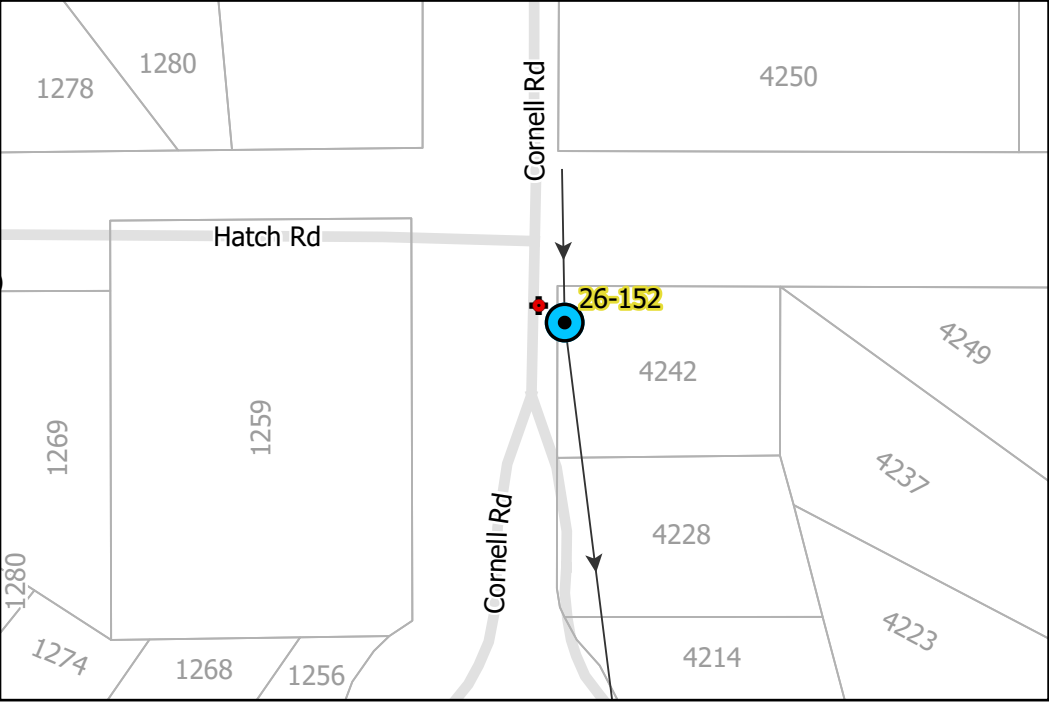
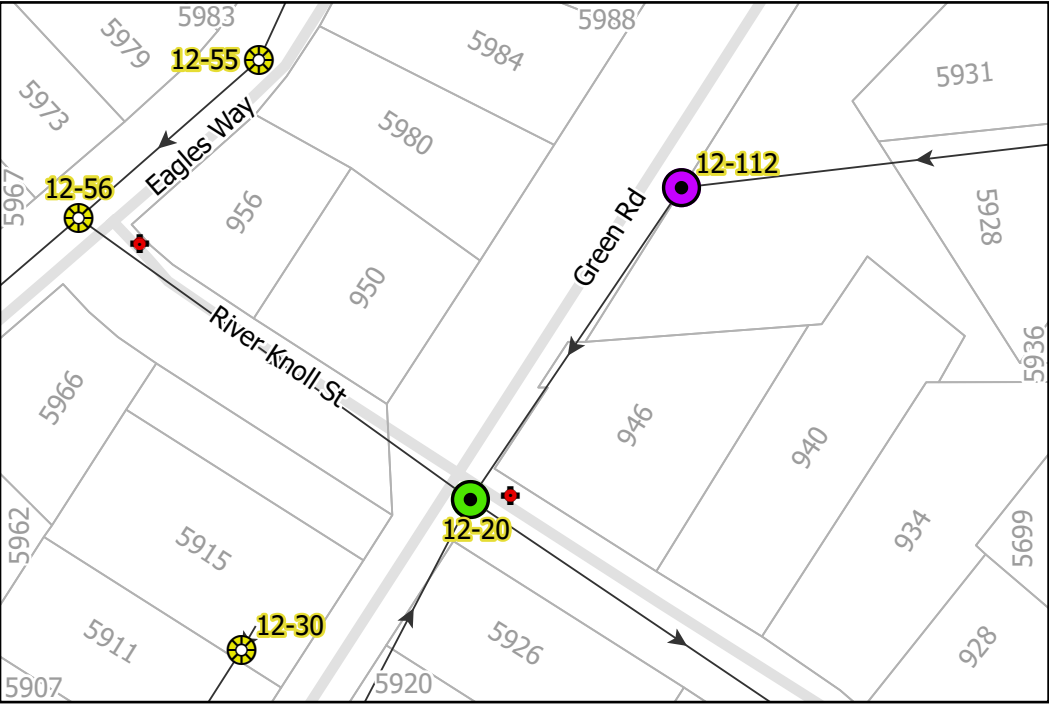
- Manhole, Liner 1 EA
- Manhole, Rebuild Chimney 2 EA



Meridian Charter Township
Ingham County, Michigan
Sanitary Sewer System

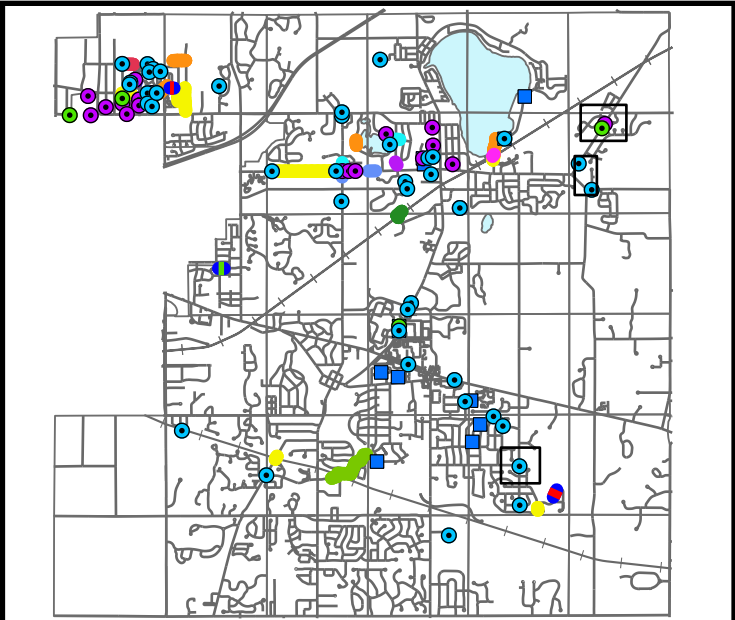
7/1/2026 JH Bid Plans	
7/20/2026 JH Addendum #1	
SANITARY SEWER REHABILITATION 2026	
Manhole Rehab Center 2	
SHEET 15/21	





Rehab Quantities:

- Manhole, Grouting, Fully Sealed 1 EA
- Manhole, Liner 3 EA
- Manhole, Grout Pipe Connection 1 EA



Meridian Charter Township

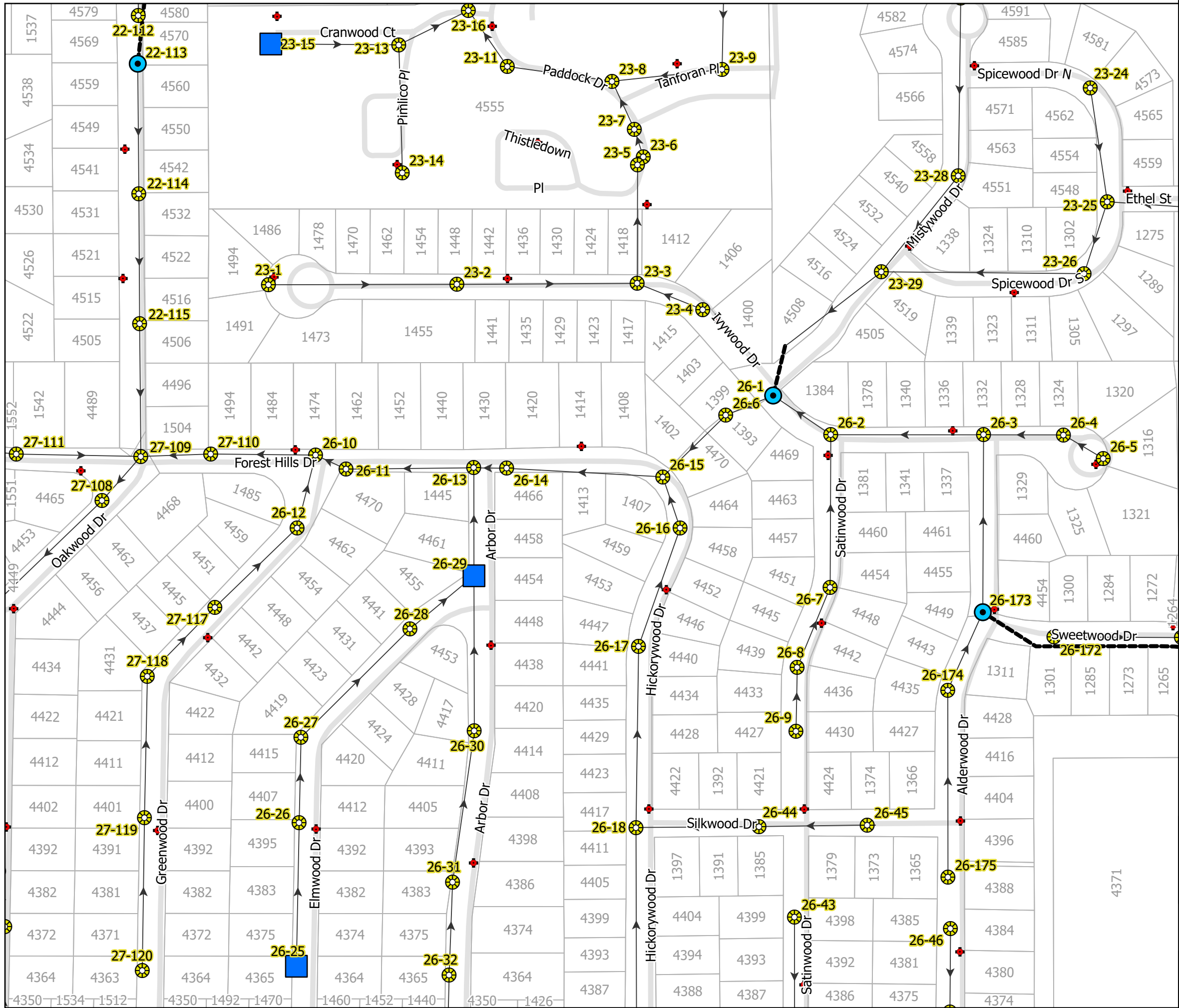
Ingham County, Michigan

Sanitary Sewer System

7/1/2026	JH	Bid Plans
7/20/2026	JH	Addendum #1

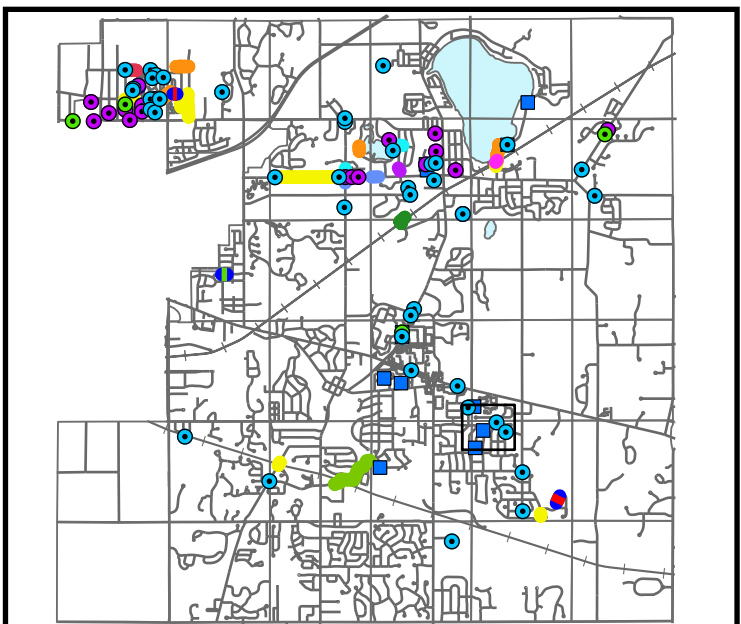
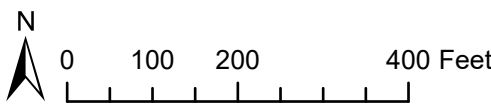
SANITARY SEWER REHABILITATION 2026
Manhole Rehab East

SHEET
16/21



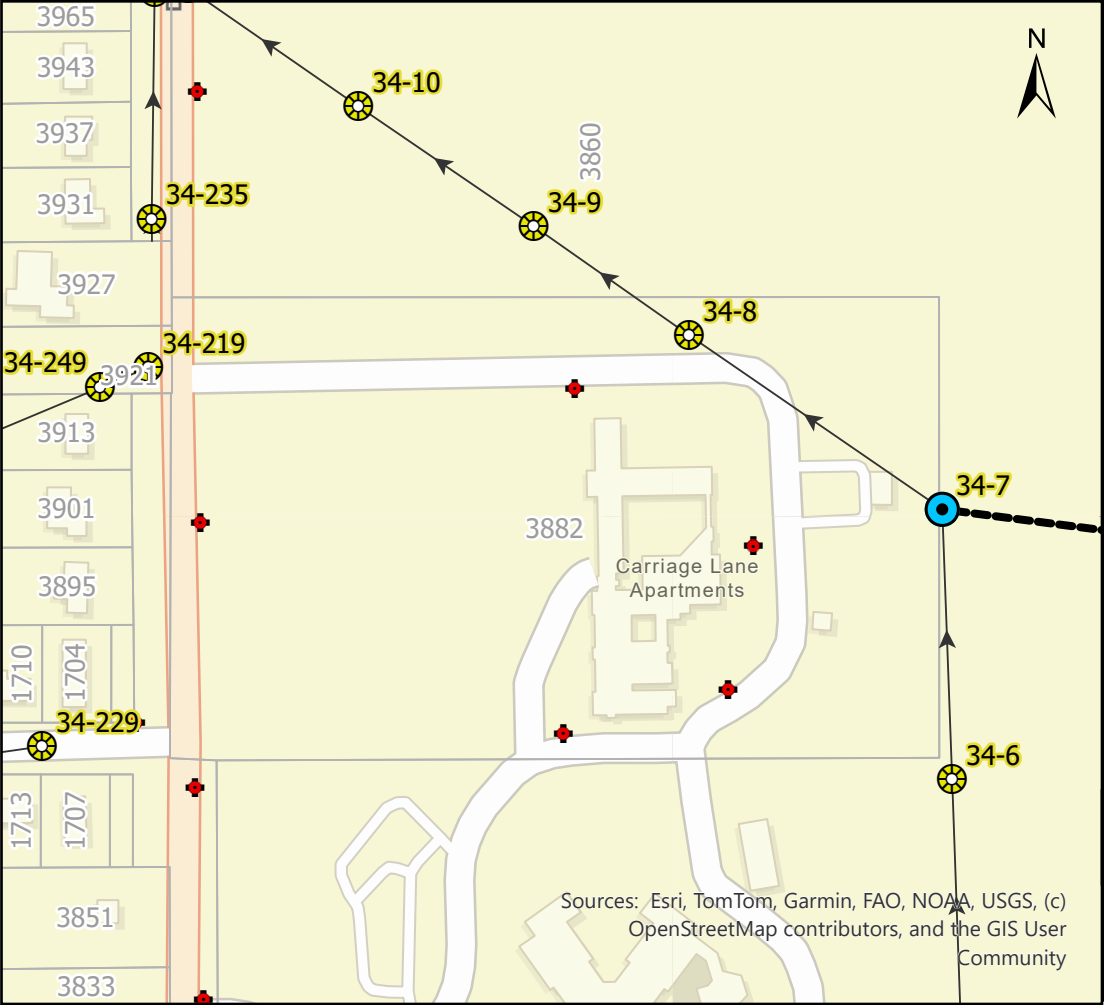
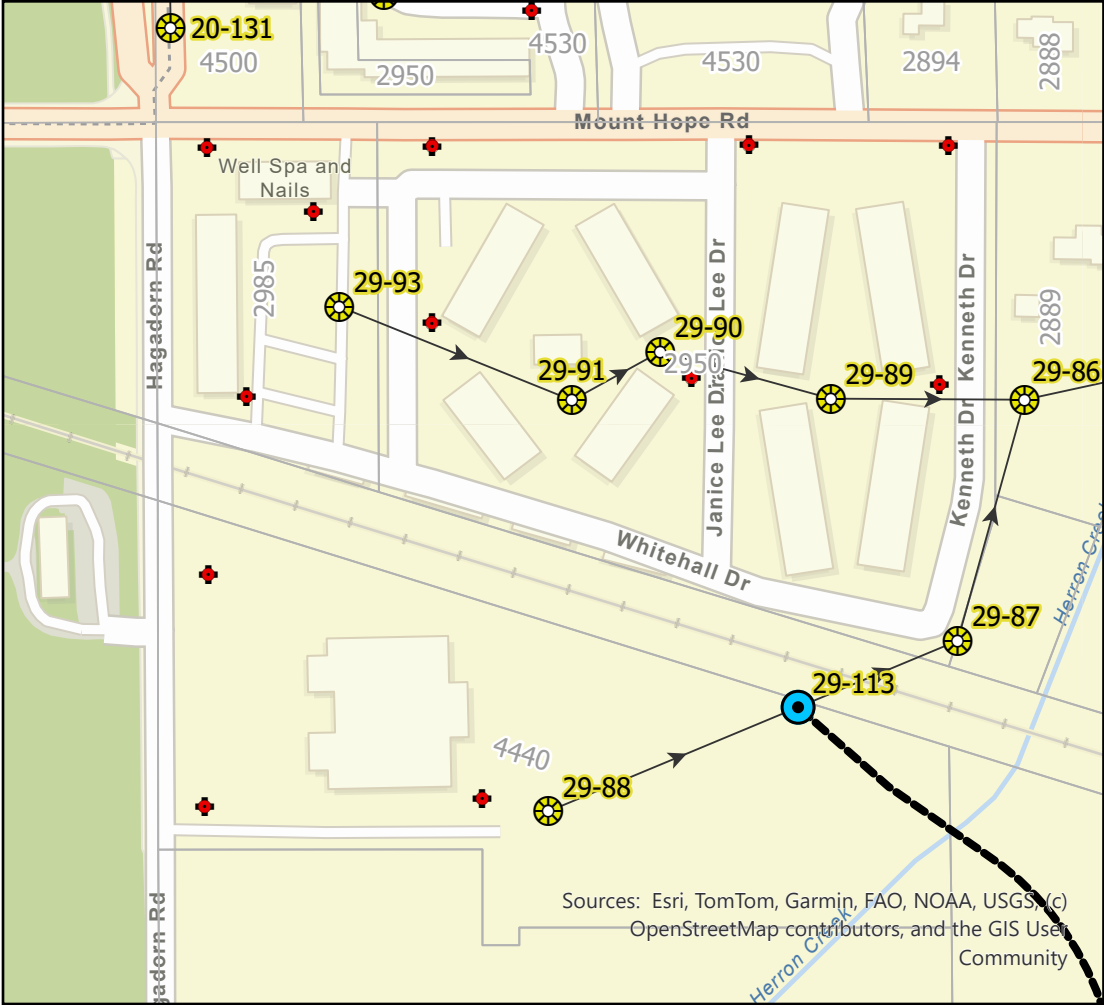
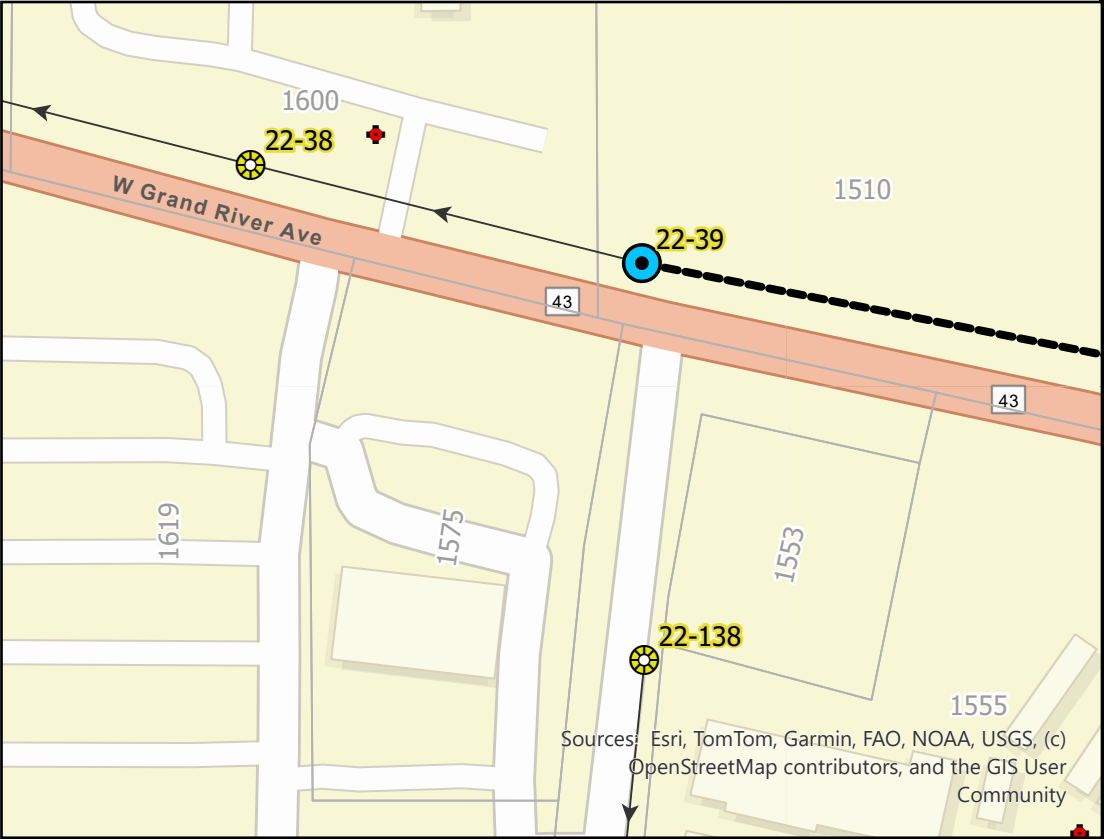
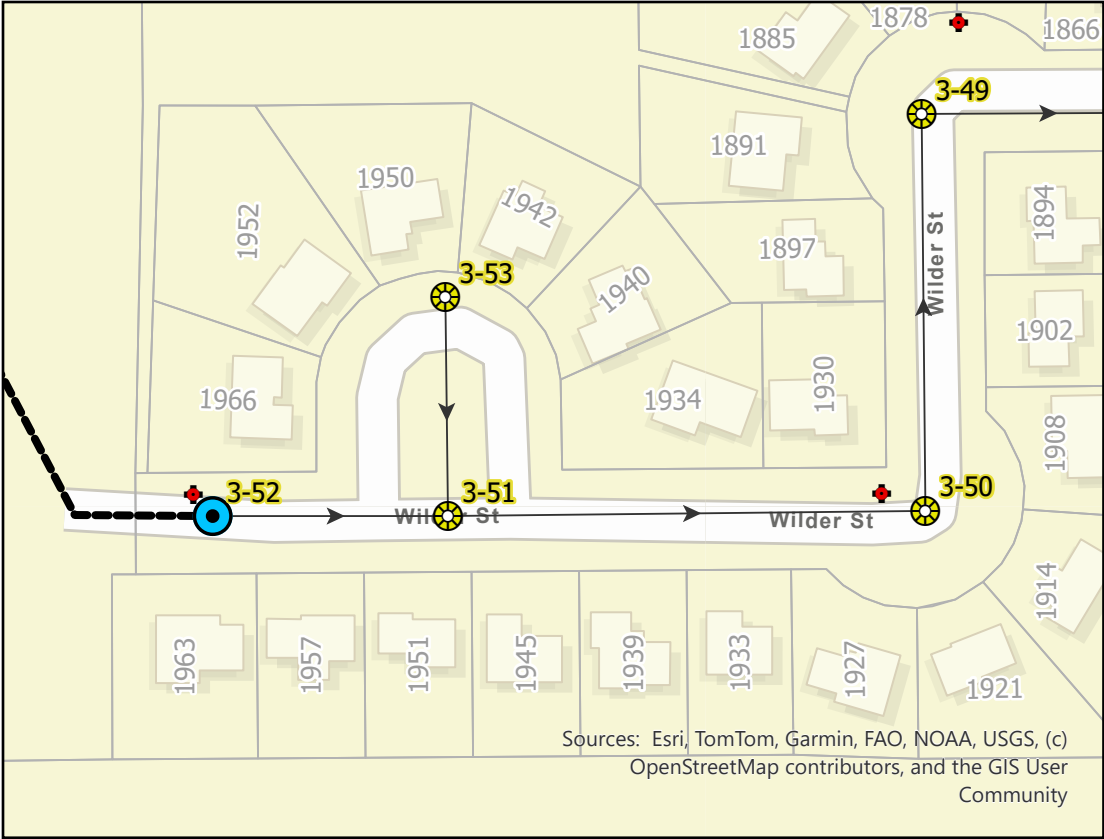
Rehab Quantities:

- Manhole, Liner 3 EA
- Manhole, Rebuild Chimney 3 EA



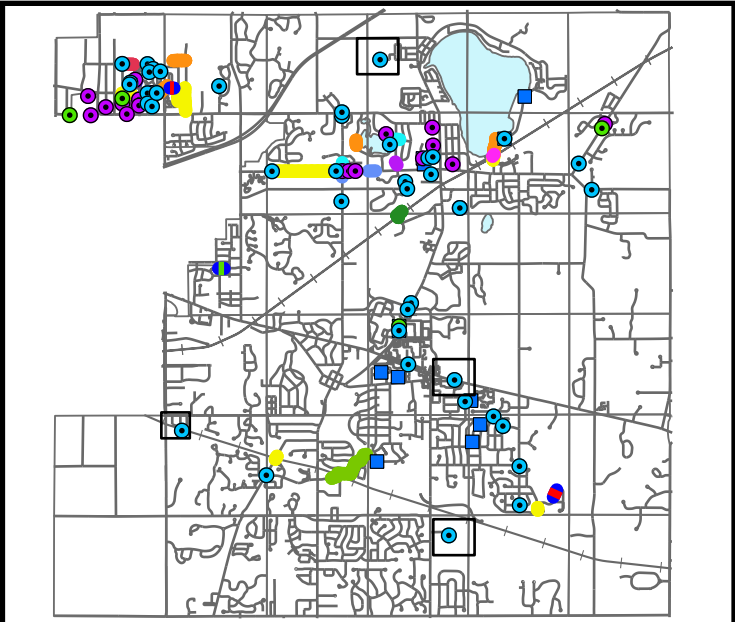
Meridian Charter Township
Ingham County, Michigan
Sanitary Sewer System

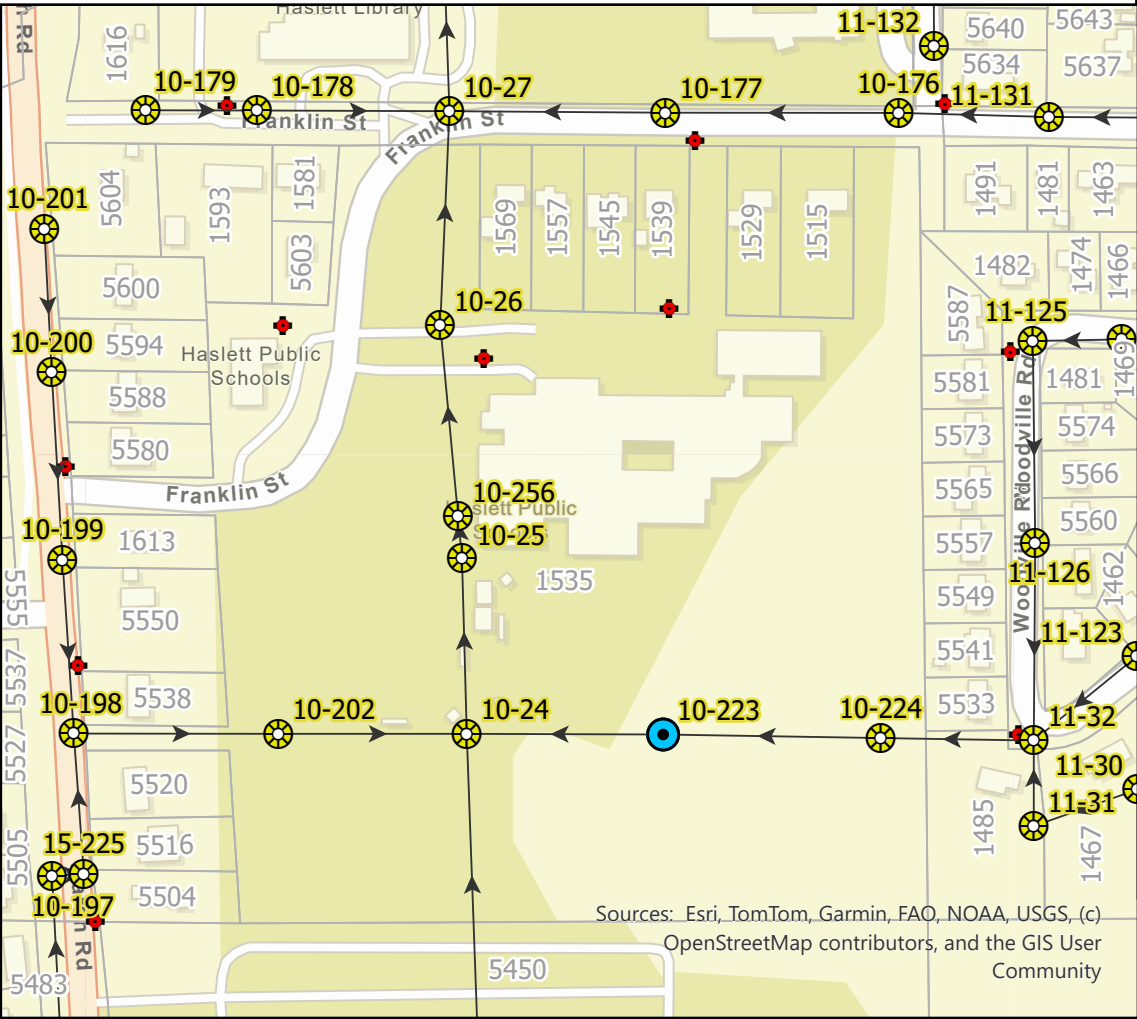
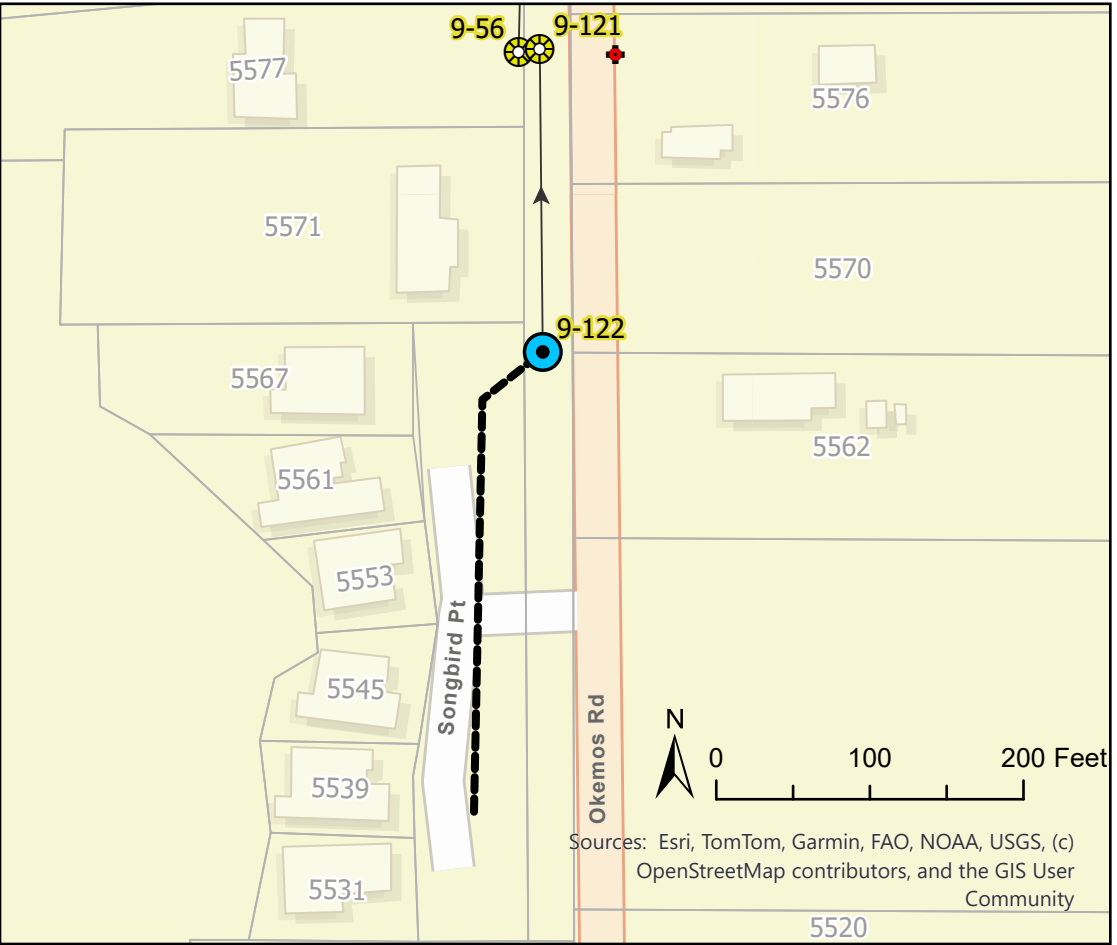
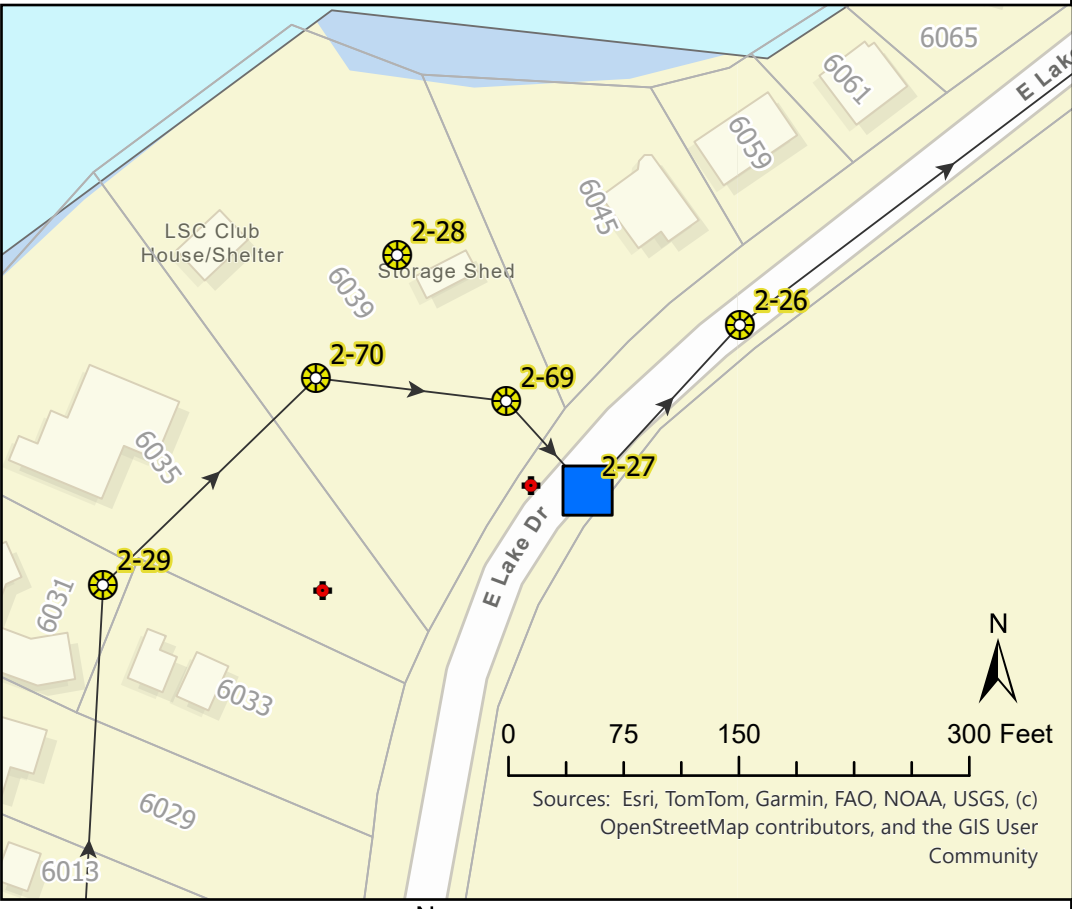
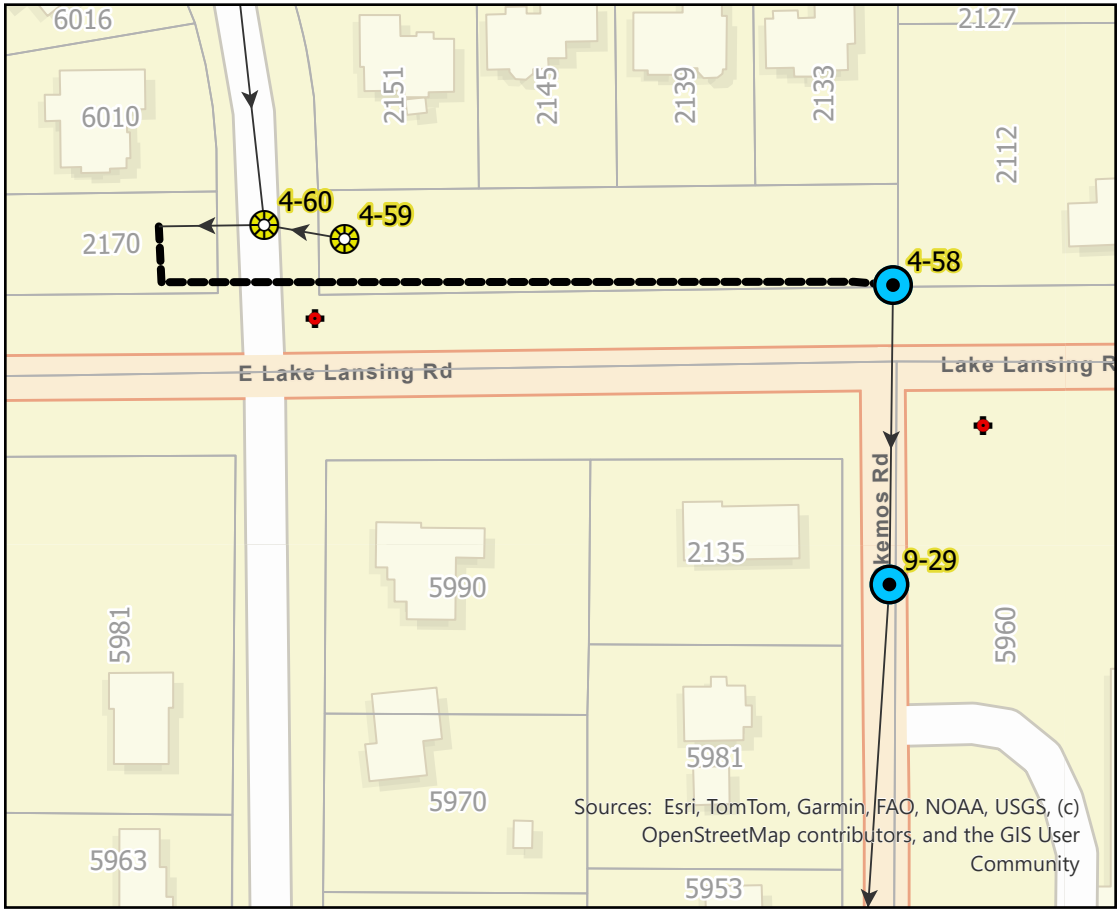
7/1/2026	JH	Bid Plans
7/20/2026	JH	Addendum #1
SANITARY SEWER REHABILITATION 2026		SHEET
Manhole Rehab Southeast		17/21



Rehab Quantities:

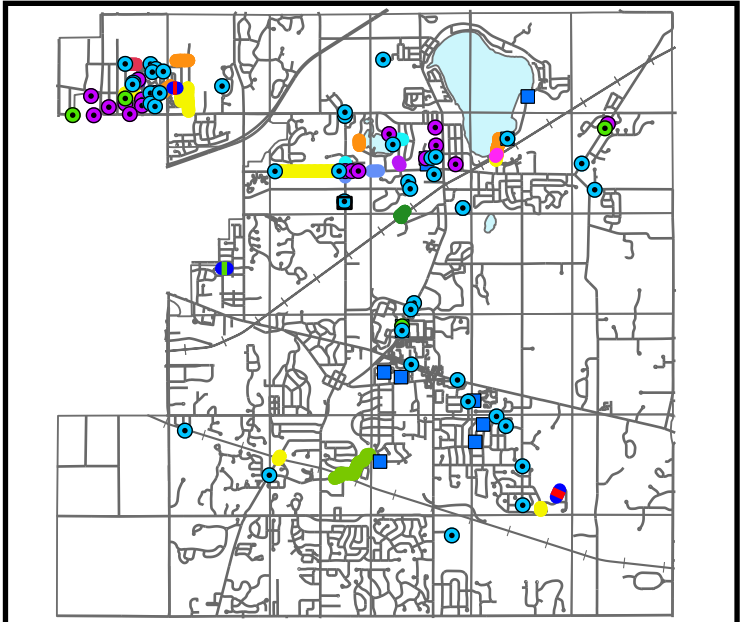
- Manhole, Liner 4 EA

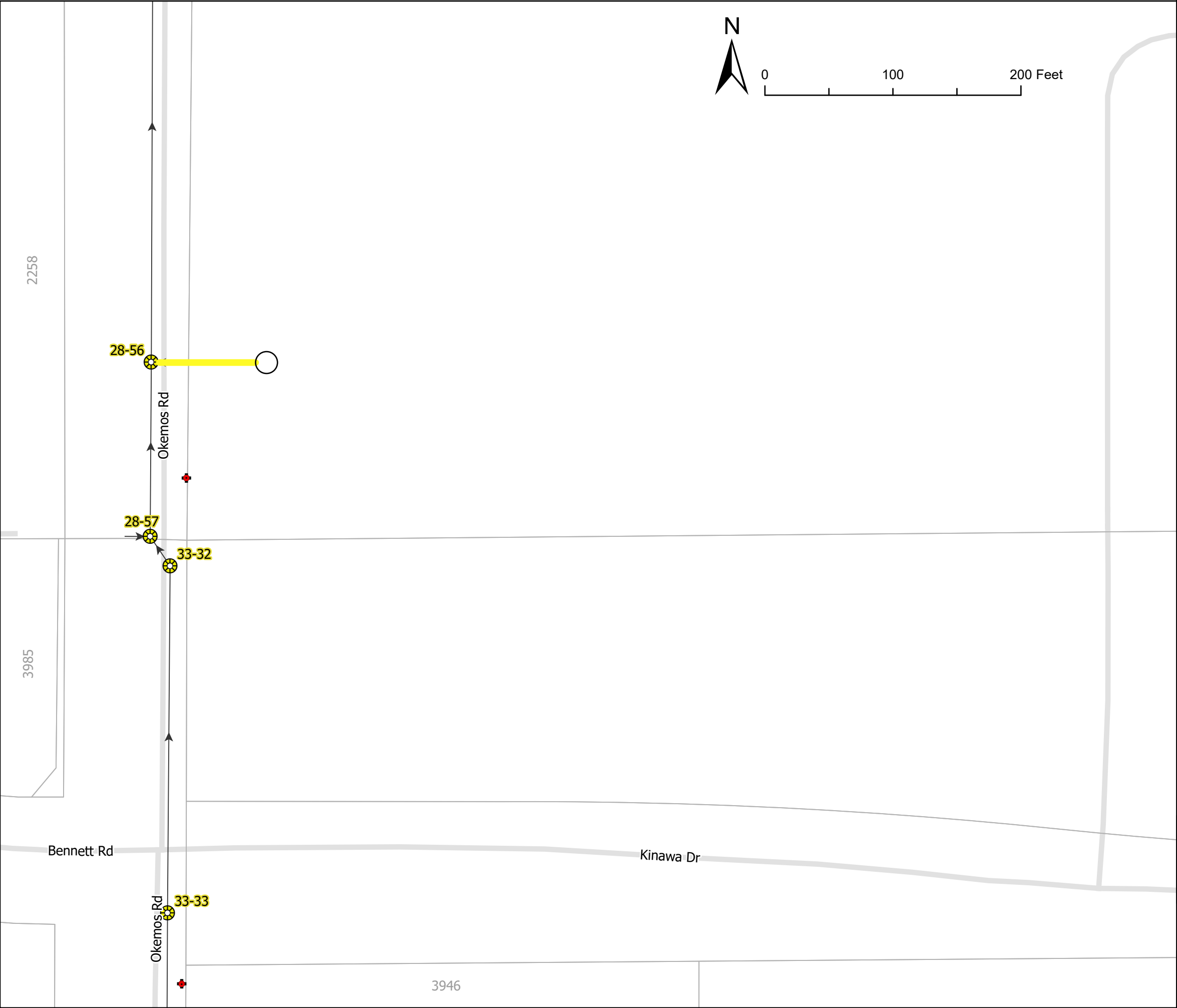




Rehab Quantities:

- Manhole, Liner 4 EA
- Manhole, Rebuild Chimney 1 EA

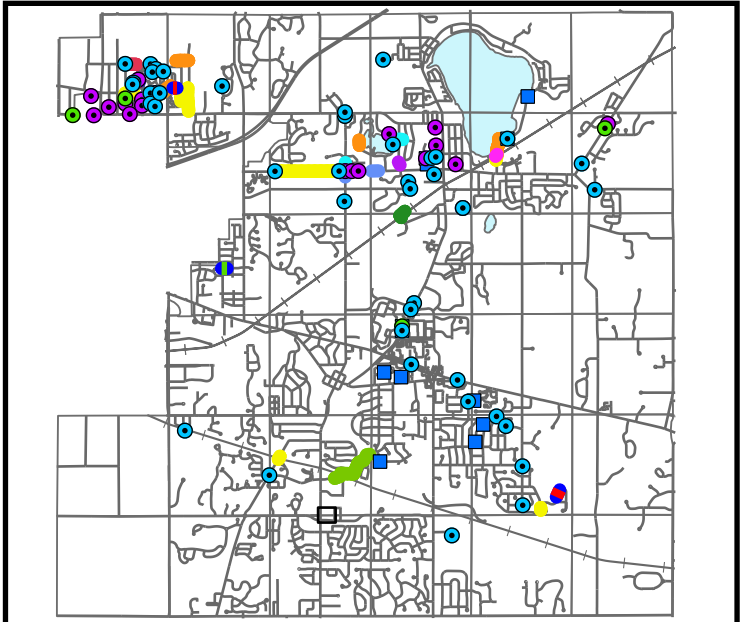




Rehab Quantities:

Sewer, CIPP, 8"	75 LF
Sewer, CIPP, 10"	0 LF
Sewer, CIPP, 12"	0 LF
Sewer, CIPP, 18"	0 LF
Sewer, CIPP, 36"	0 LF

75' CIPP Lining to Private Upstream Manhole
located at Chippewa Middle School.



Meridian Charter Township

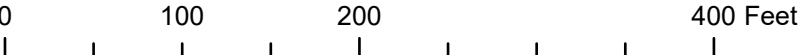
Ingham County, Michigan

Sanitary Sewer System

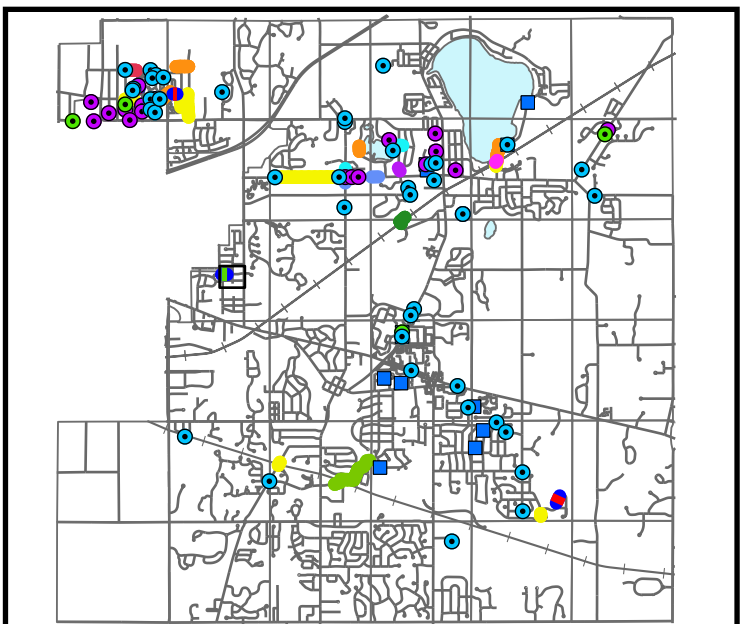
7/1/2026	JH	Bid Plans
7/20/2026	JH	Addendum #1

SANITARY SEWER REHABILITATION 2026
Chippewa Middle School

SHEET
20/21



Rehab Quantities: Priority 1
Sewer, Sectional CIPPR, 10" 1 EA
190 feet to 215 feet downstream of 17-12



Meridian Charter Township
Ingham County, Michigan
Sanitary Sewer System

7/1/2026		JH	Bid Plans
7/20/2026		JH	Addendum #1
SANITARY SEWER REHABILITATION 2026			SHEET
Heather Dr			21/21