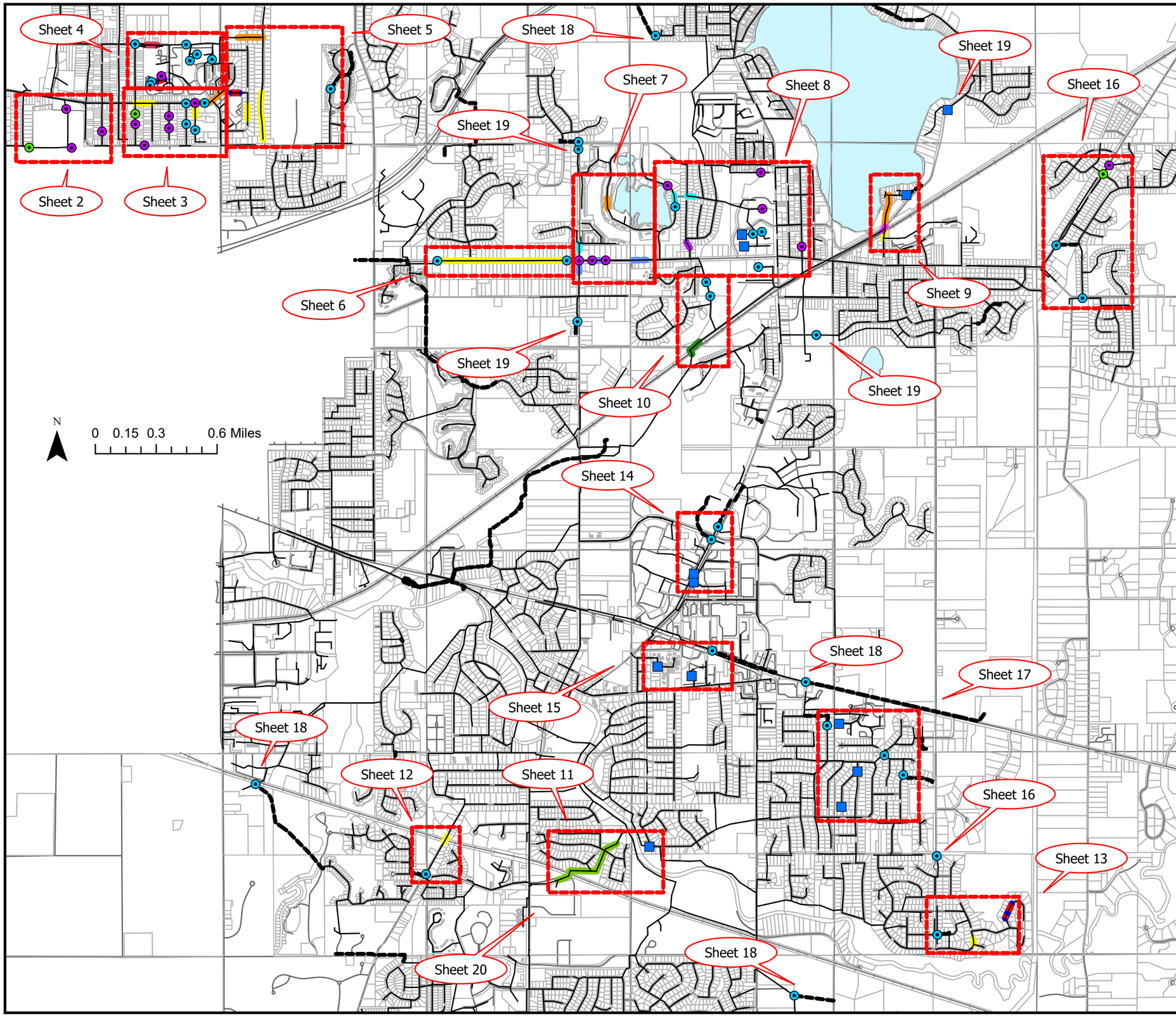


EST. 1842
MERIDIAN TOWNSHIP

Manhole Rehabilitation

Manhole, Grouting, Fully Sealed	19 EA
Manhole, Liner, Cementitious	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

DIAMETER

Sewer, CIPP, 8"	6625 Ft
Sewer, CIPP, 10"	2,980 Ft
Sewer, CIPP, 12"	290 Ft
Sewer, CIPP, 18"	2550 Ft
Sewer, CIPP, 36"	435 ft
Sewer, Sectional CIPPR, 8"	4 EA

Meridian Charter Township

Ingham County, Michigan

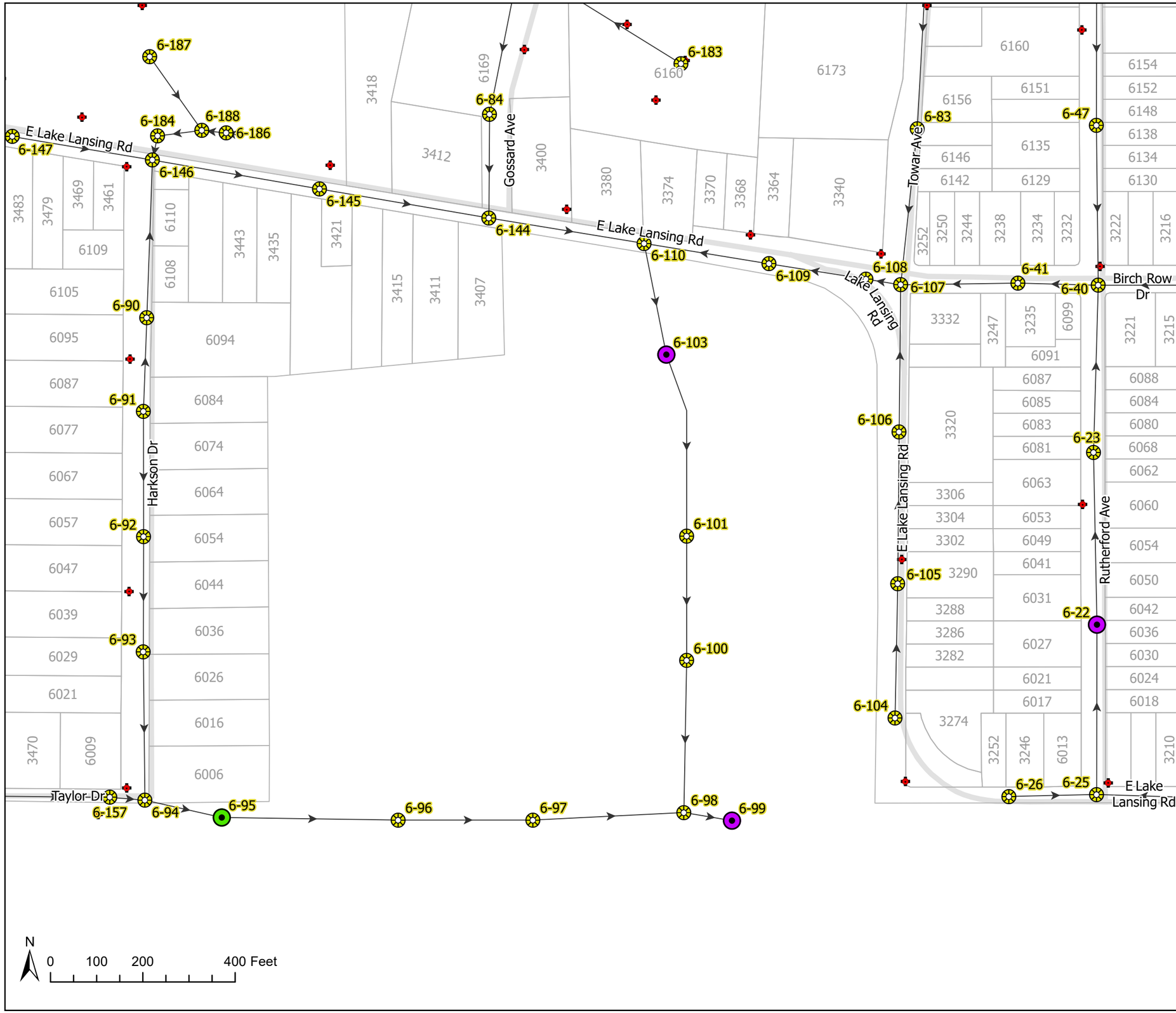
Sanitary Sewer System

7/1/2026	JH	Bid Plans

SANITARY SEWER REHABILITATION 2026

Project Overview

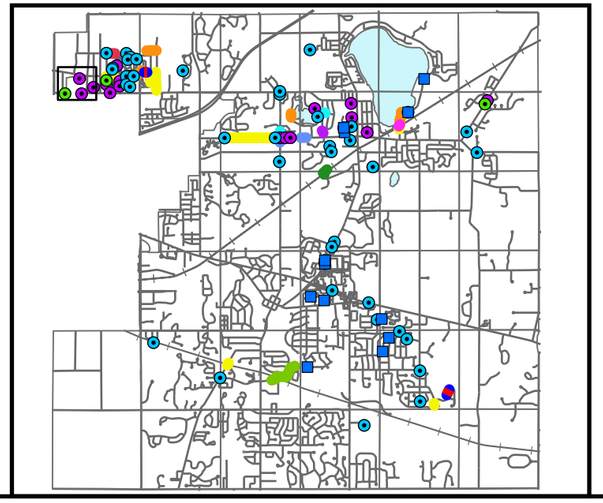
SHEET 1/20



EST. 1842
MERIDIAN TOWNSHIP

Rehab Quantities:

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



Meridian Charter Township

Ingham County, Michigan

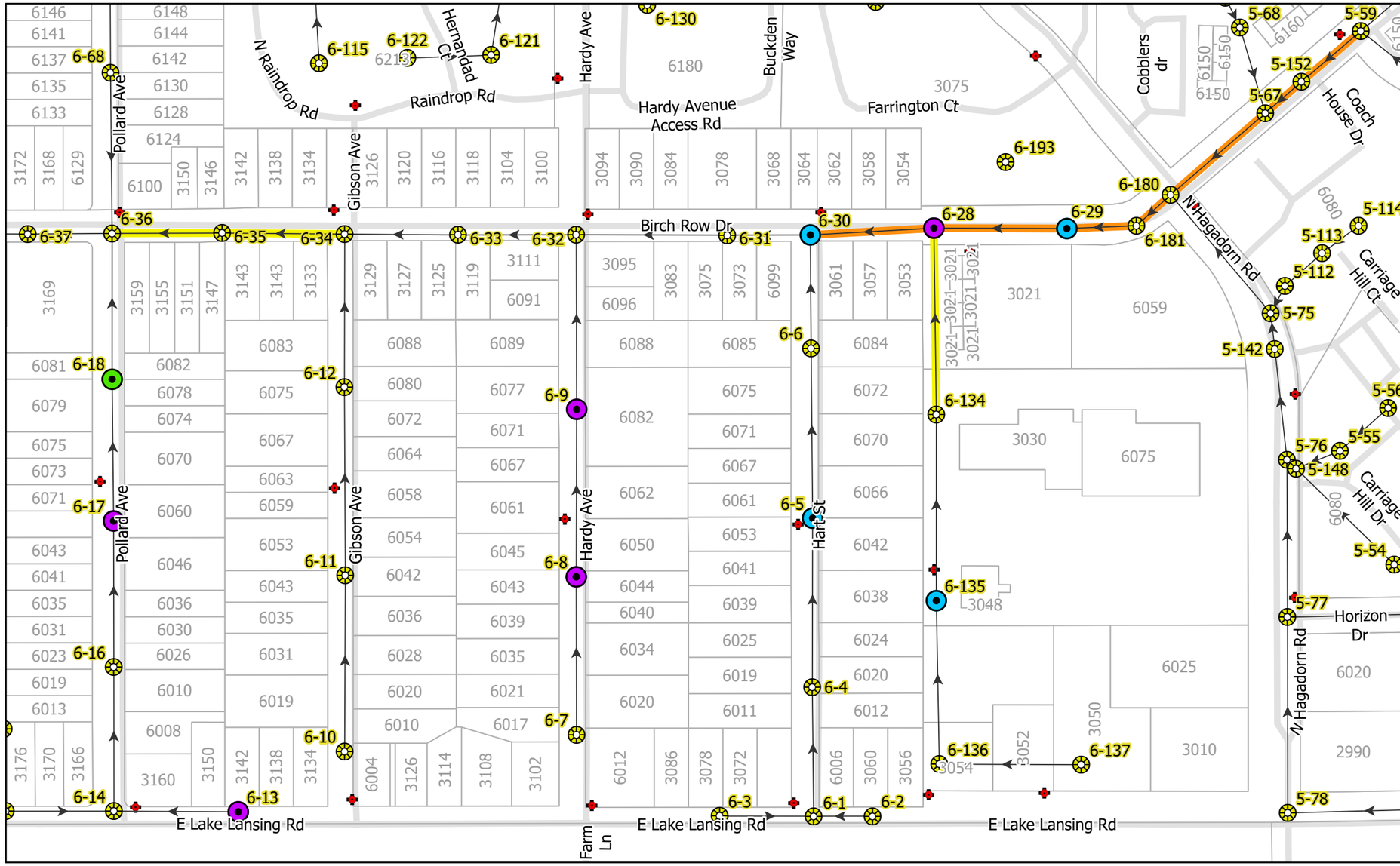
Sanitary Sewer System

7/1/2026	JH	Bid Plans

SANITARY SEWER REHABILITATION 2026

Towar Gardens Southwest

SHEET 2/20



N

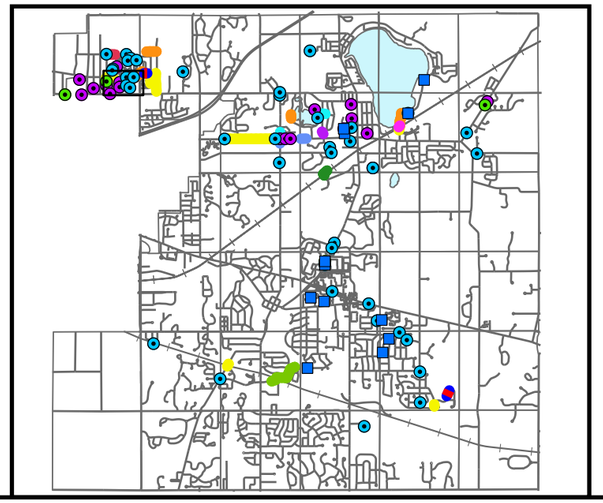
0 100 200 400 Feet

EST. 1842

MERIDIAN TOWNSHIP

Rehab Quantities:

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



Meridian Charter Township

Ingham County, Michigan

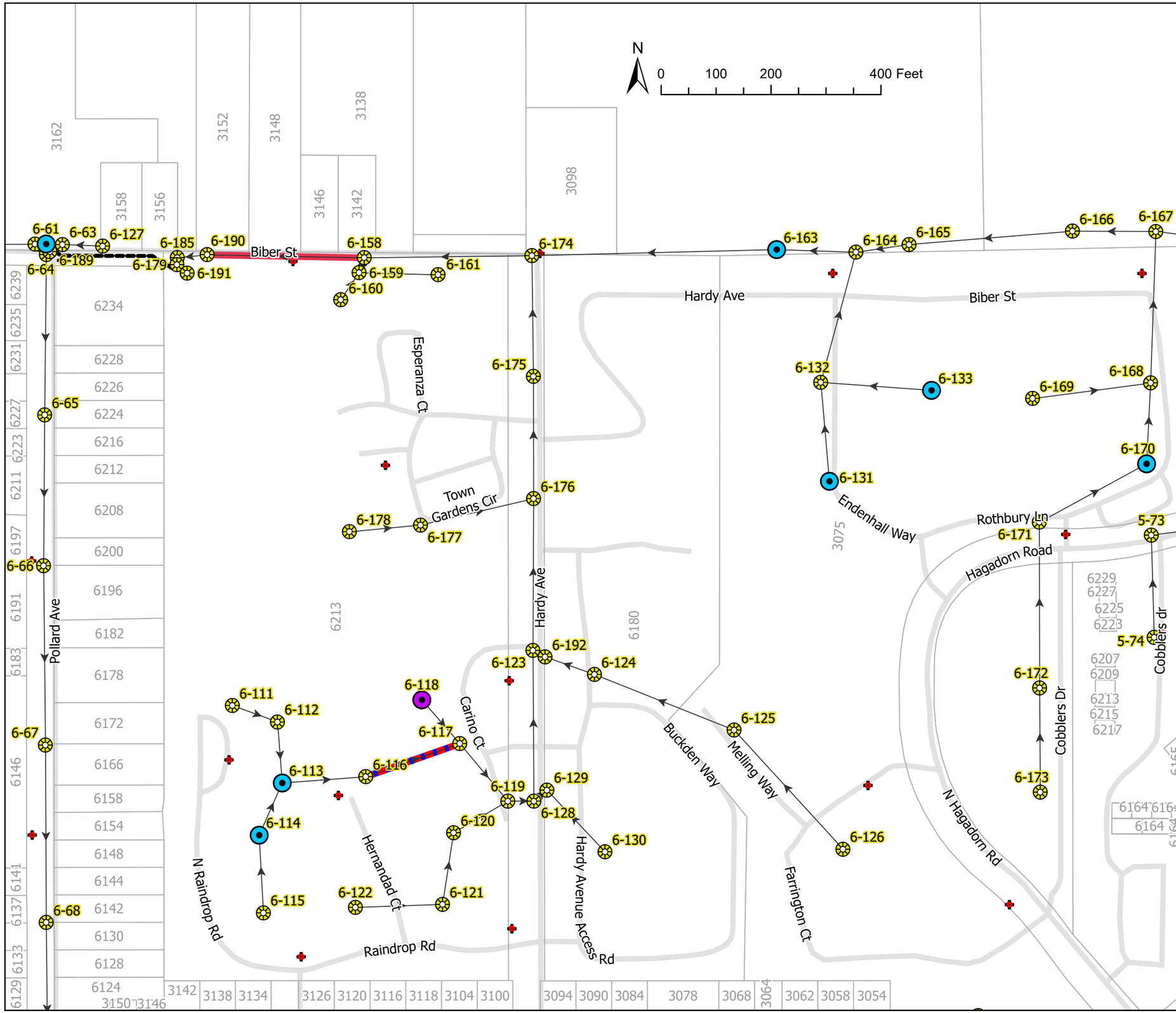
Sanitary Sewer System

7/1/2026	JH	Bid Plans

SANITARY SEWER REHABILITATION 2026

Towar Gardens Middle

SHEET 3/20



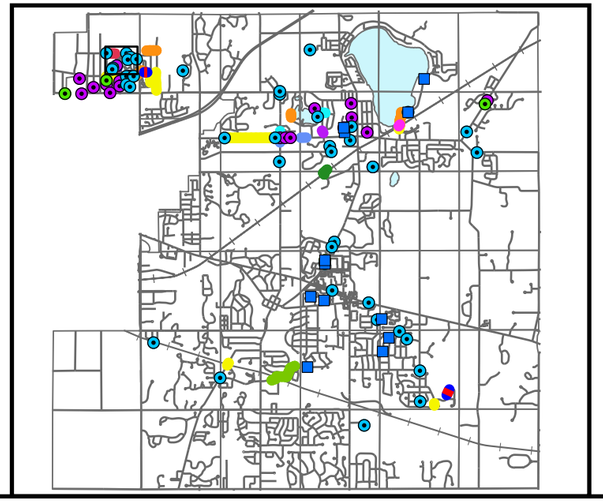
EST. 1842

MERIDIAN TOWNSHIP

Rehab Quantities:

Sewer, CIPP, 12"	290 LF
Manhole, Grouting, Fully Sealed	1 EA
Manhole, Liner, Cementitious	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

SANITARY SEWER REHABILITATION 2026

Towar Gardens North

SHEET 4/20

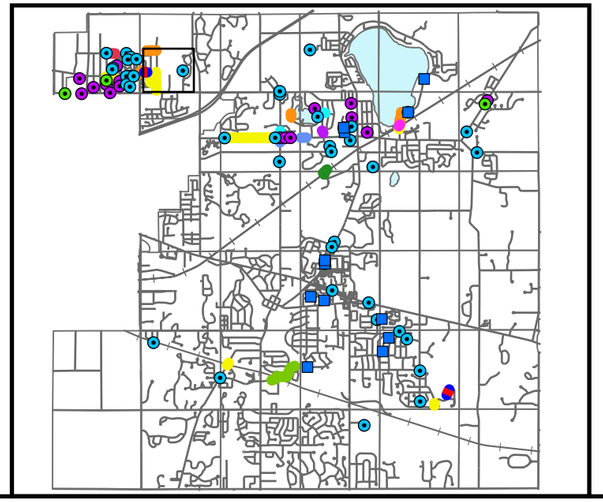
EST. 1842

MERIDIAN TOWNSHIP

Rehab Quantities:

Sewer, CIPP, 8"	1090 LF
Sewer, CIPP, 10"	660 LF
Manhole, Liner, Cementitious	1 EA
Sewer, Sectional CIPPR, 8"	1 EA

199 ft Downstream of MH 5-57



Meridian Charter Township

Ingham County, Michigan

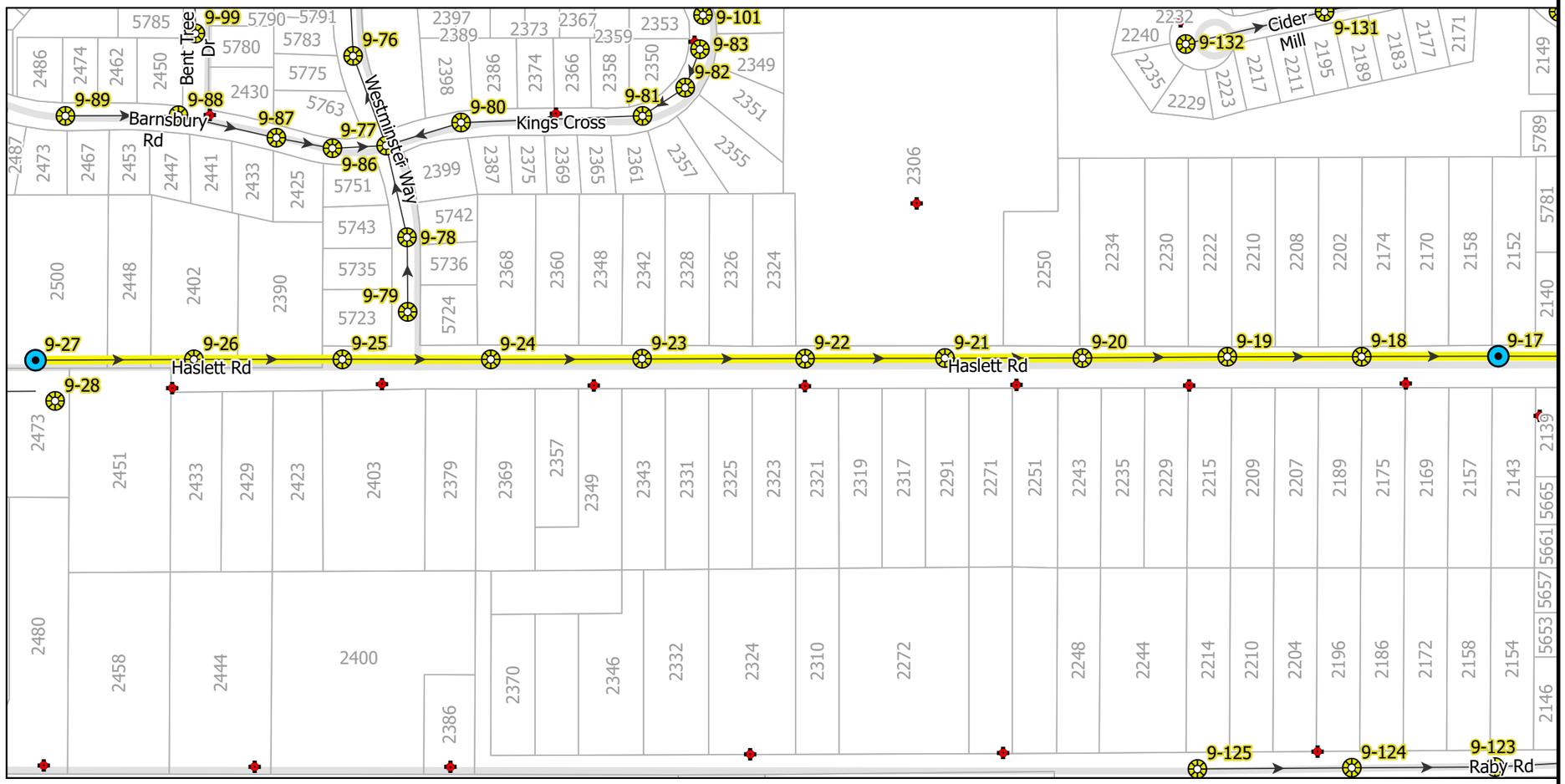
Sanitary Sewer System

7/1/2026	JH	Bid Plans

SANITARY SEWER REHABILITATION 2026

Towar Gardens East

SHEET 5/20



N

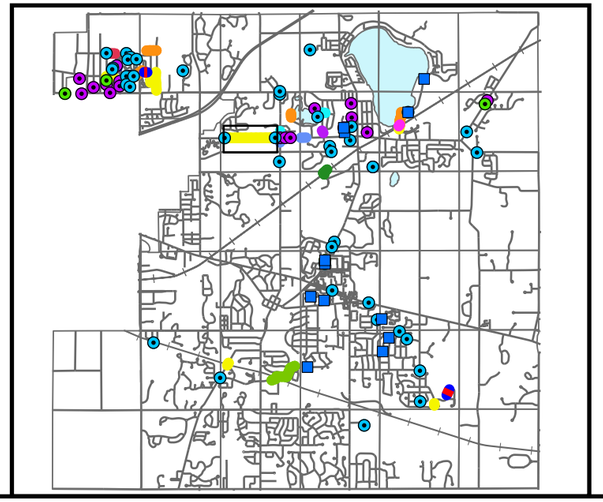
0 100 200 400 Feet

EST. 1842

MERIDIAN TOWNSHIP

Rehab Quantities:

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



Meridian Charter Township

Ingham County, Michigan

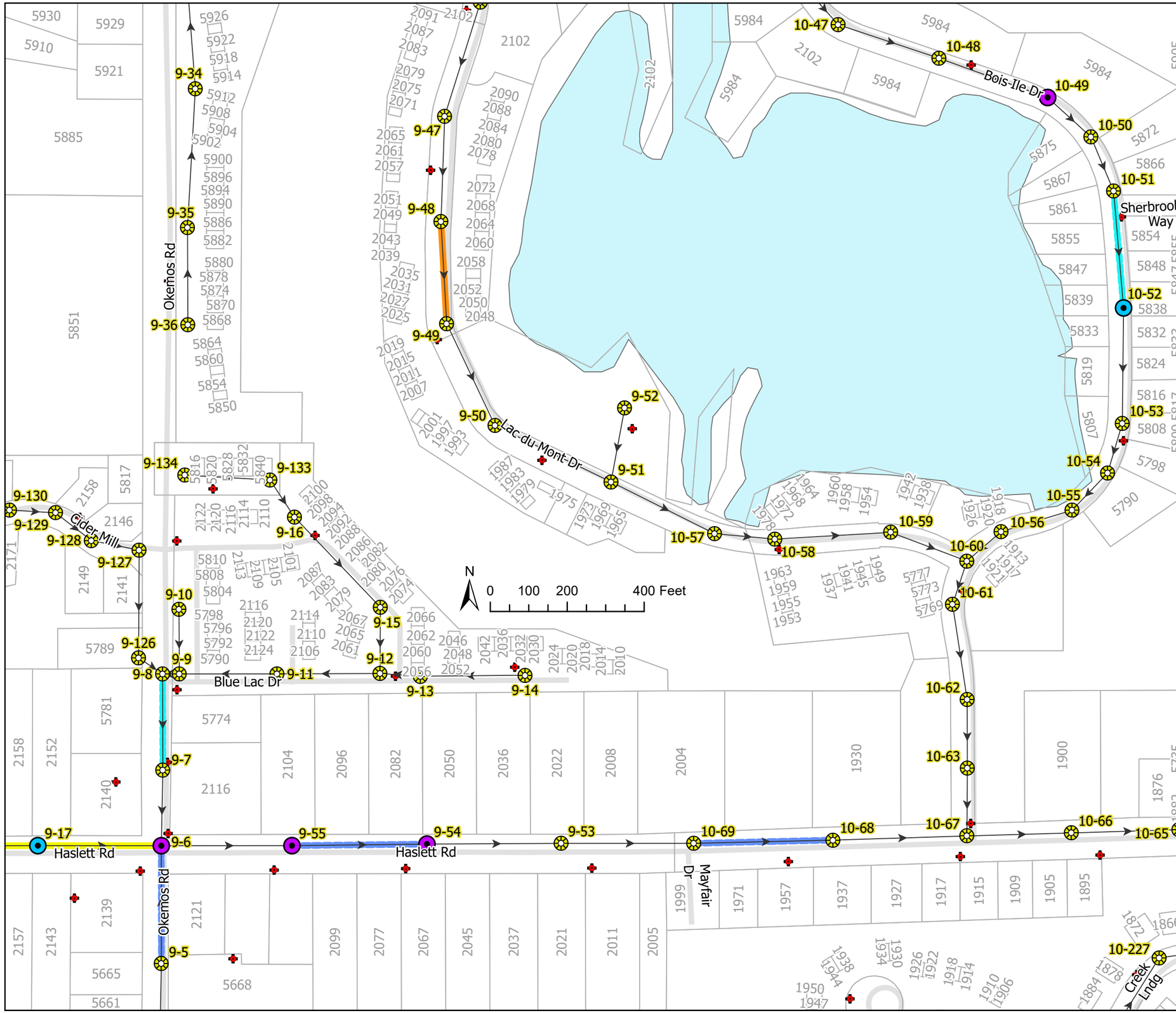
Sanitary Sewer System

7/1/2026	JH	Bid Plans

SANITARY SEWER REHABILITATION 2026

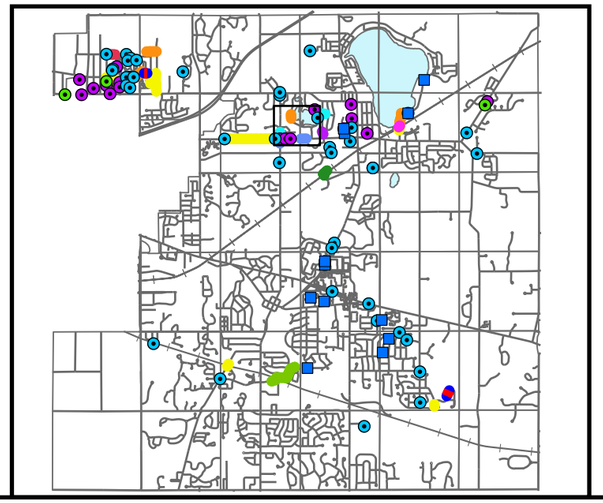
Haslett Rd West

SHEET 6/20



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, Cementitious	1 EA (10-52)



Meridian Charter Township

Ingham County, Michigan

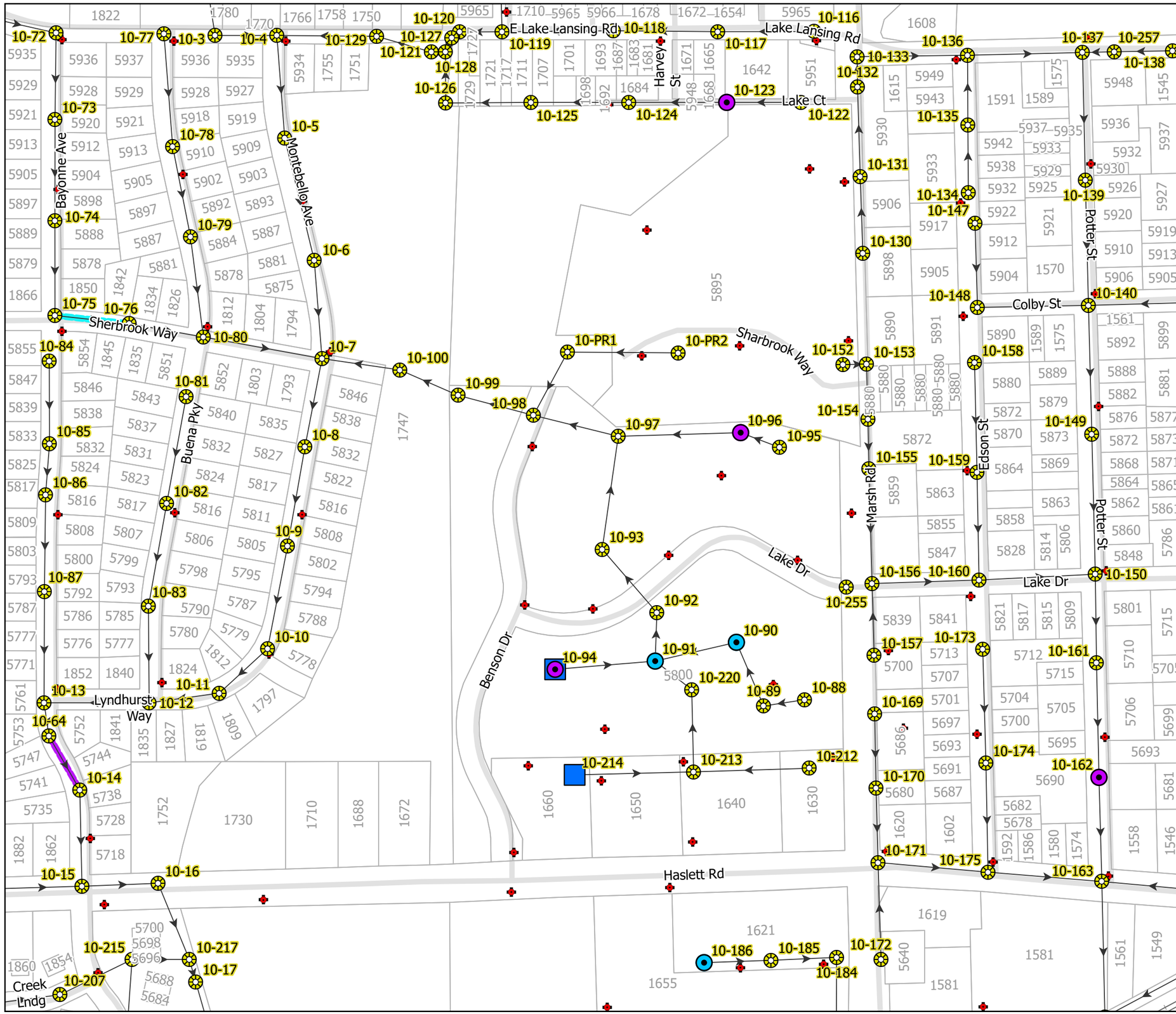
Sanitary Sewer System

7/1/2026	JH	Bid Plans

SANITARY SEWER REHABILITATION 2026

Haslett Rd Center

SHEET 7/20



EST. 1842

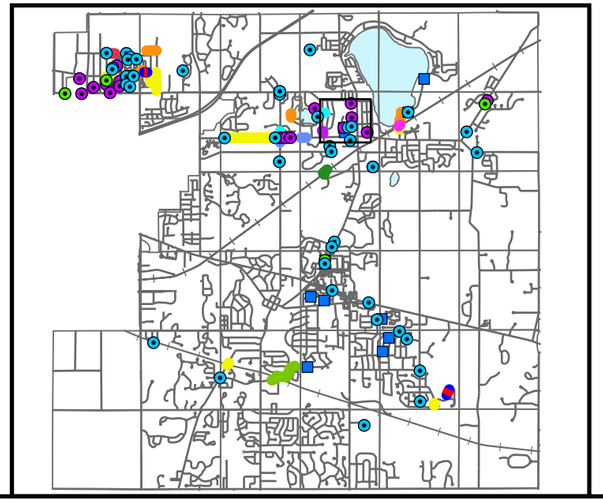
MERIDIAN TOWNSHIP

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, Cementitious	3 EA
Manhole, Rebuild Chimney	2 EA

N

0 100 200 400 Feet



Meridian Charter Township

Ingham County, Michigan

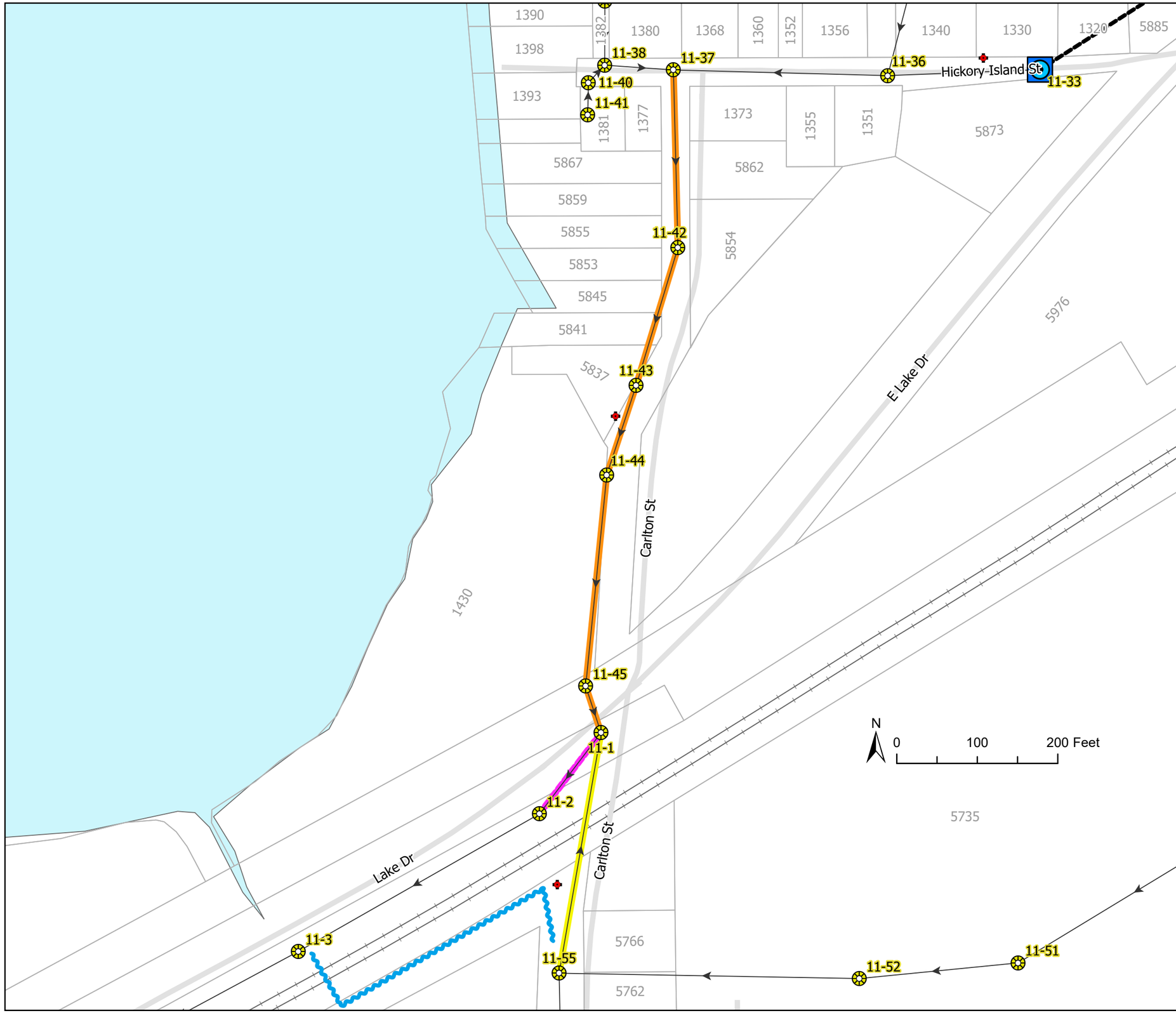
Sanitary Sewer System

7/1/2026	JH	Bid Plans

SANITARY SEWER REHABILITATION 2026

Haslett Rd East

SHEET 8/20

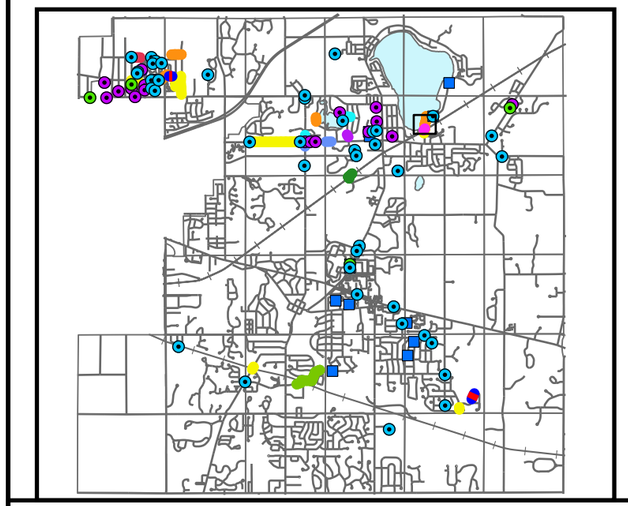


EST. 1842
MERIDIAN TOWNSHIP

Rehab Quantities:

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

Suggested Bypass Route
(Through Culvert)



Meridian Charter Township

Ingham County, Michigan

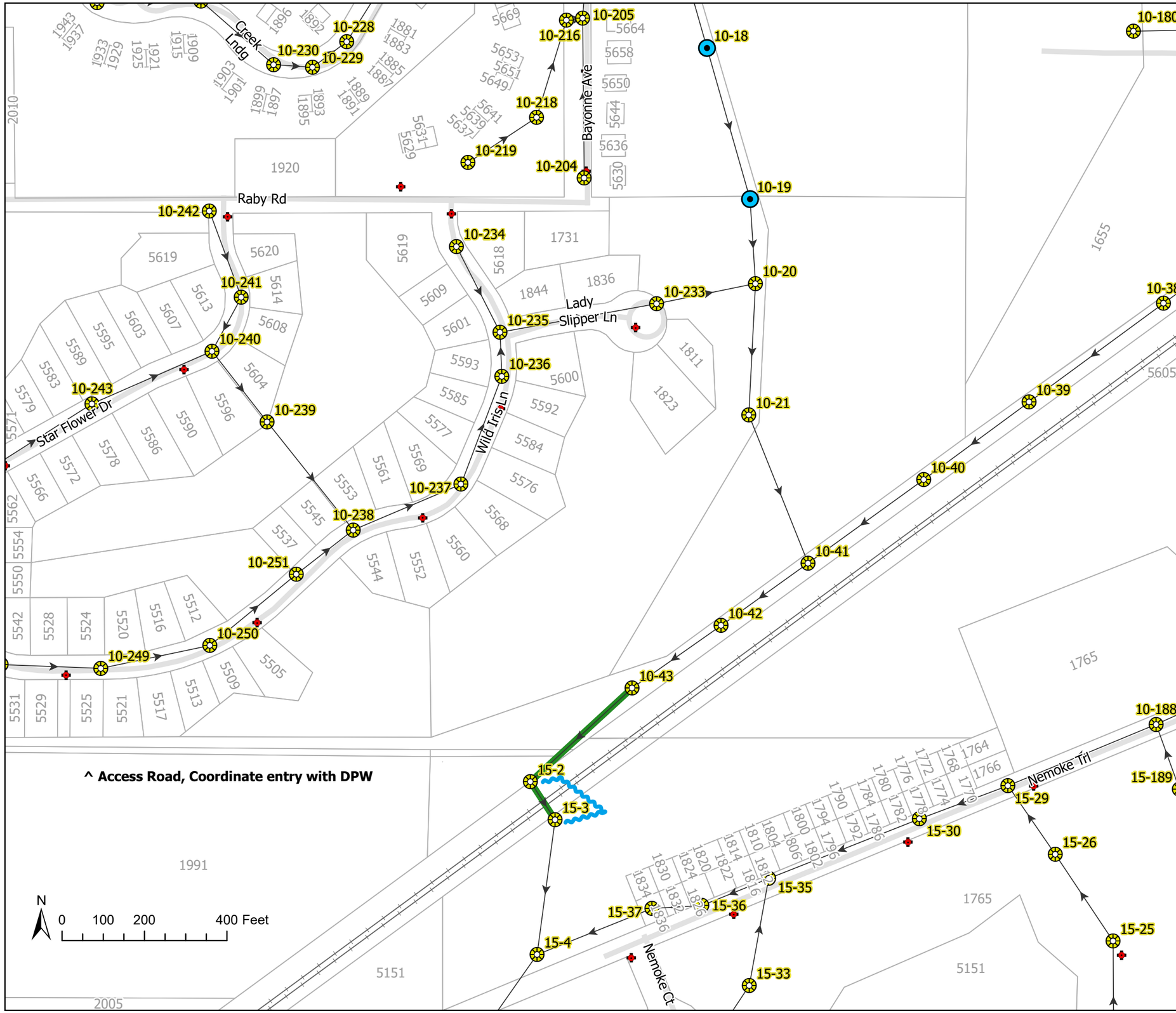
Sanitary Sewer System

7/1/2026	JH	Bid Plans

SANITARY SEWER REHABILITATION 2026

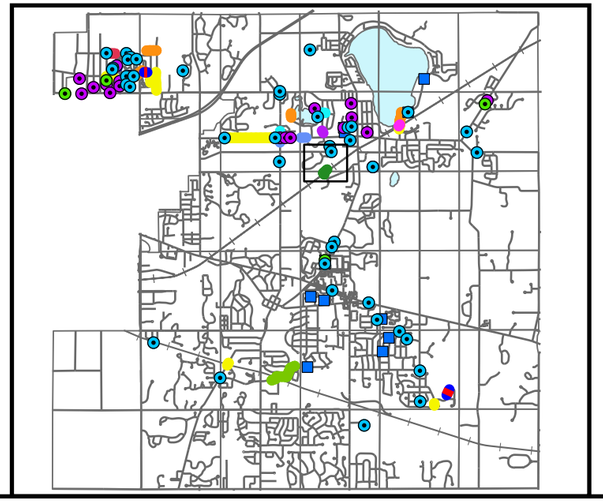
Carlton St

SHEET 9/20



Rehab Quantities:

Sewer, CIPP, 36"	435 LF	**Priority 1**
Manhole, Liner, Cementitious	2 EA	
Suggested Bypass Route (Through Culvert)		



Meridian Charter Township

Ingham County, Michigan

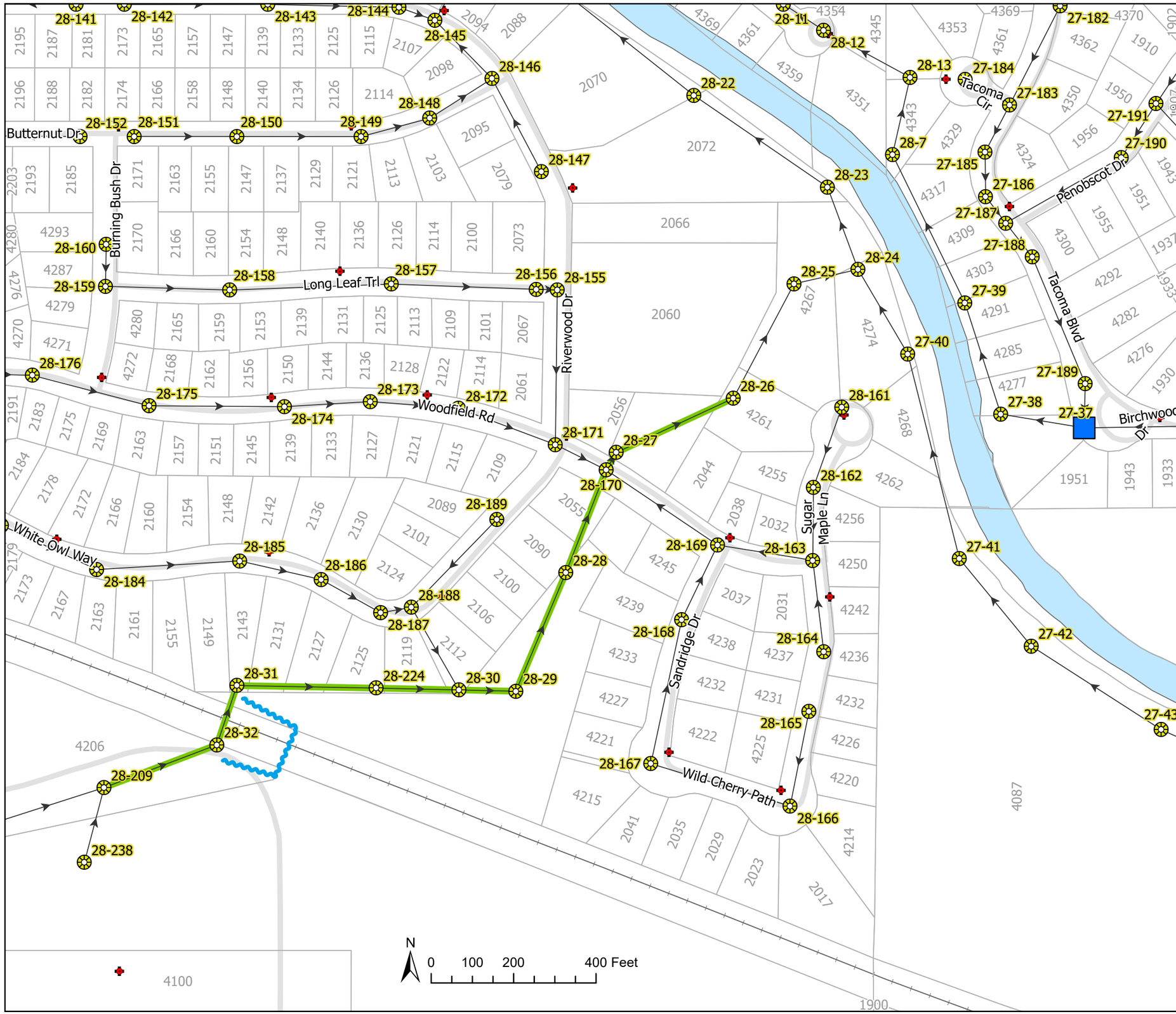
Sanitary Sewer System

7/1/2026	JH	Bid Plans

SANITARY SEWER REHABILITATION 2026

Interurban Trail

SHEET 10/20

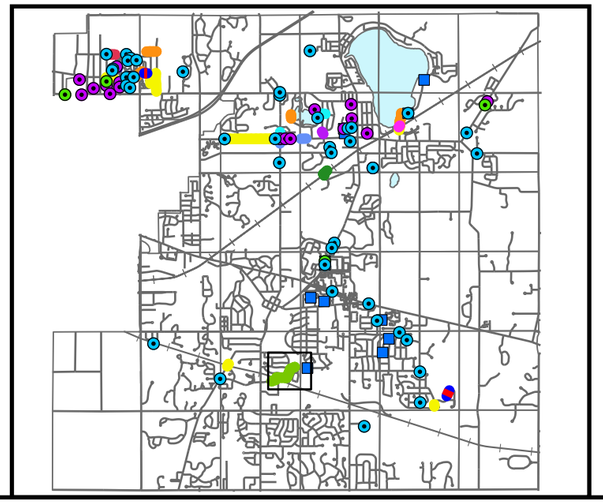


• EST. 1842 •
MERIDIAN TOWNSHIP

Rehab Quantities:

Sewer, CIPP, 18"	2550 LF	**Priority 1**
Manhole, Rebuild Chimney	1 EA	

Suggested Bypass Route
(Through Culvert)



Meridian Charter Township

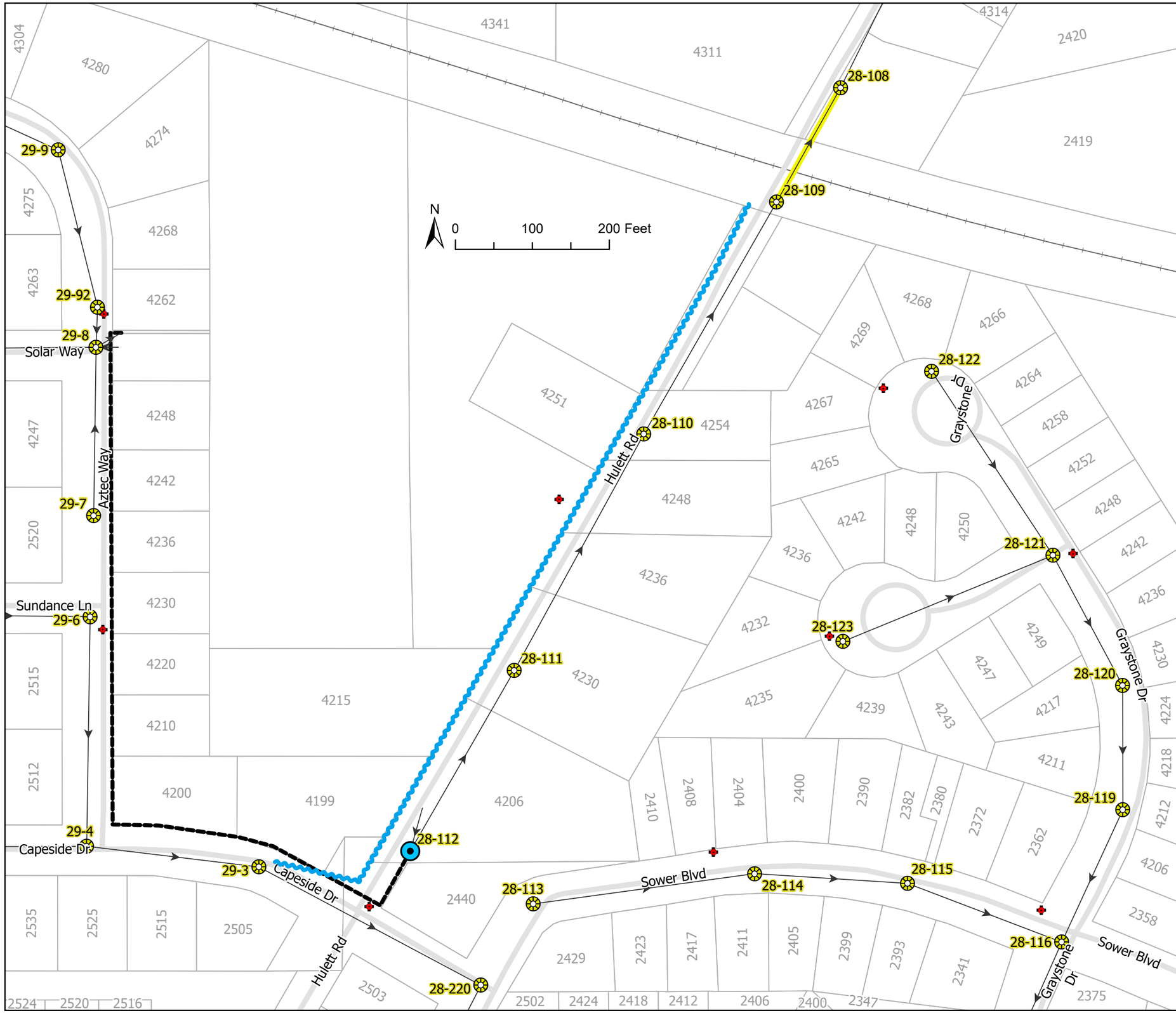
Ingham County, Michigan

Sanitary Sewer System

7/1/2026	JH	Bid Plans

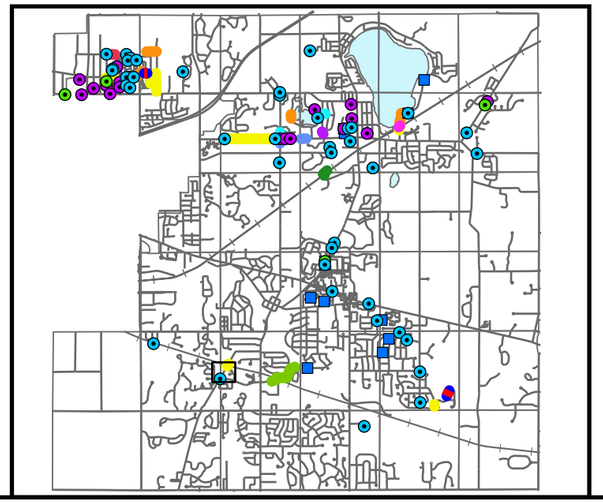
SANITARY SEWER REHABILITATION 2026
White Owl Way

SHEET
11/20



Rehab Quantities:

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



Meridian Charter Township

Ingham County, Michigan

Sanitary Sewer System

7/1/2026	JH	Bid Plans

SANITARY SEWER REHABILITATION 2026

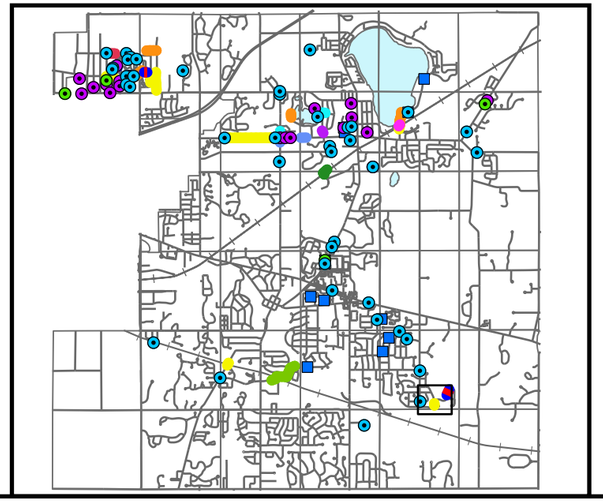
Hulett Rd

SHEET 12/20

EST. 1842
MERIDIAN TOWNSHIP

Rehab Quantities:

Sewer, CIPP, 8"	130 LF
Manhole, Liner, Cementitious	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

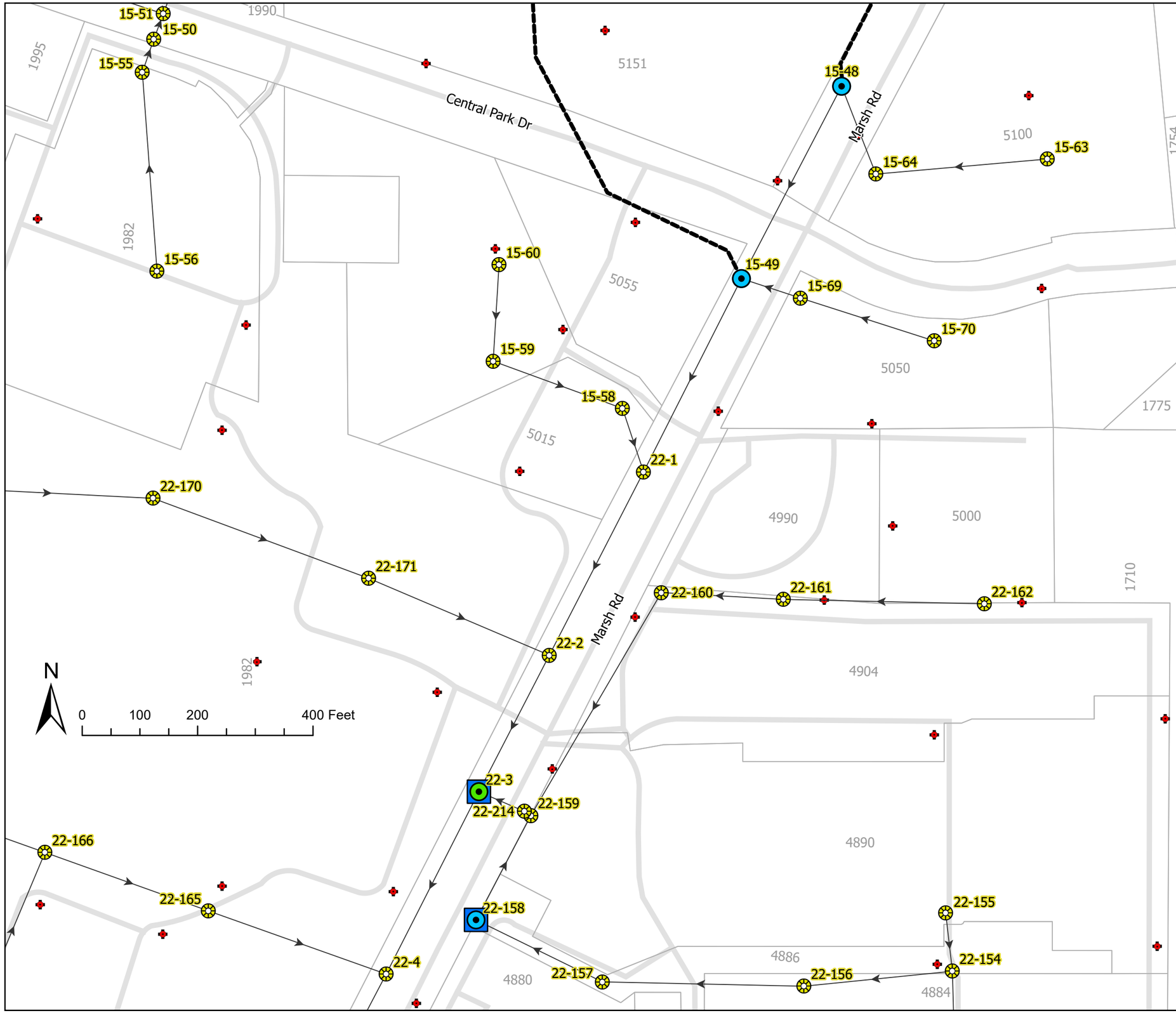
Sanitary Sewer System

7/1/2026	JH	Bid Plans

SANITARY SEWER REHABILITATION 2026

Shoals Dr

SHEET 13/20

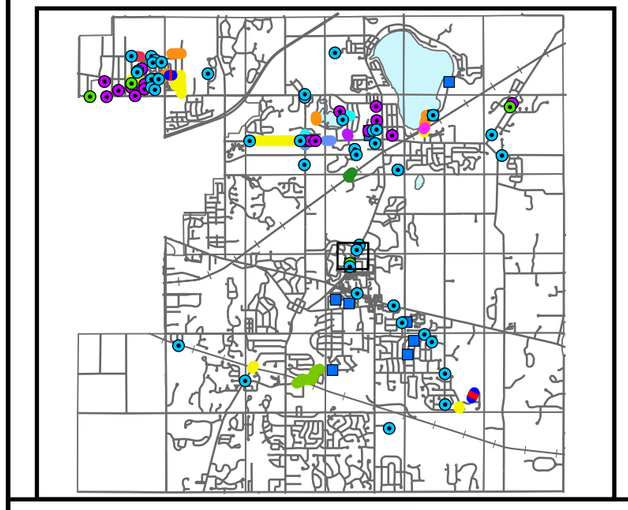


EST. 1842

MERIDIAN TOWNSHIP

Rehab Quantities:

Manhole, Liner, Cementitious	3 EA
Manhole, Rebuild Chimney	2 EA
Manhole, Grout Pipe Connection	1 EA



Meridian Charter Township

Ingham County, Michigan

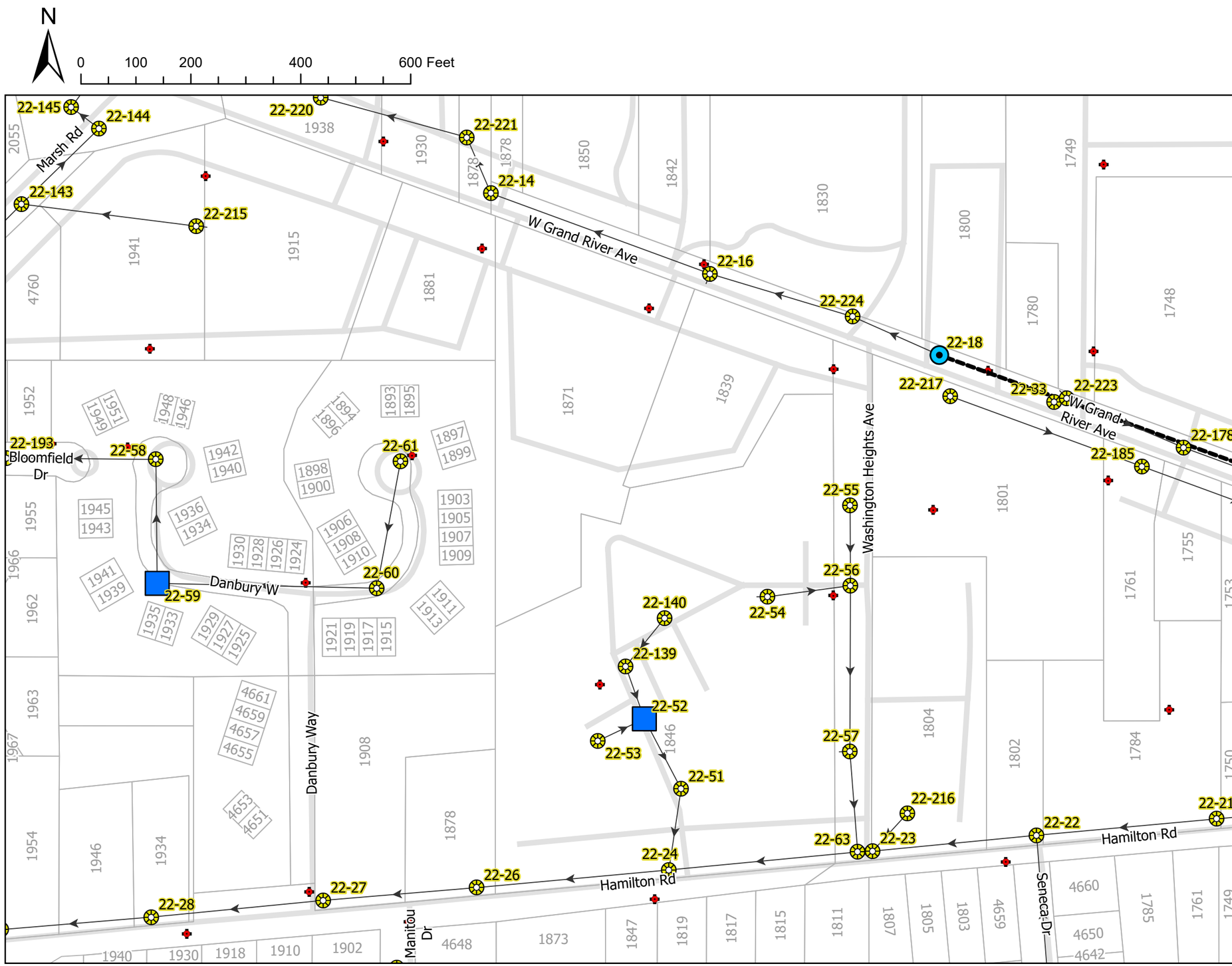
Sanitary Sewer System

7/1/2026	JH	Bid Plans

SANITARY SEWER REHABILITATION 2026

Manhole Rehab Center 1

SHEET 14/20

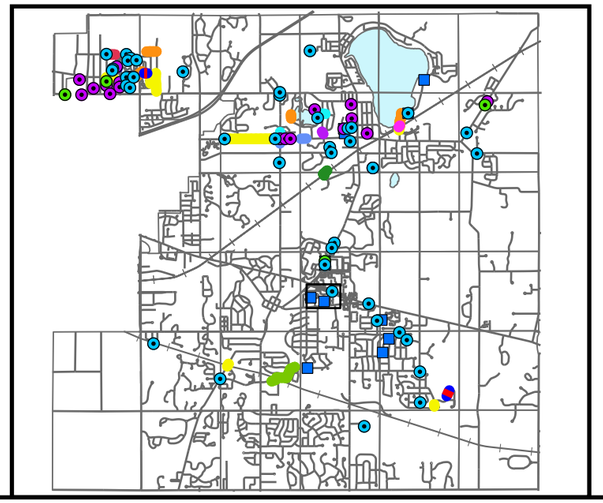


EST. 1842

MERIDIAN TOWNSHIP

Rehab Quantities:

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



Meridian Charter Township

Ingham County, Michigan

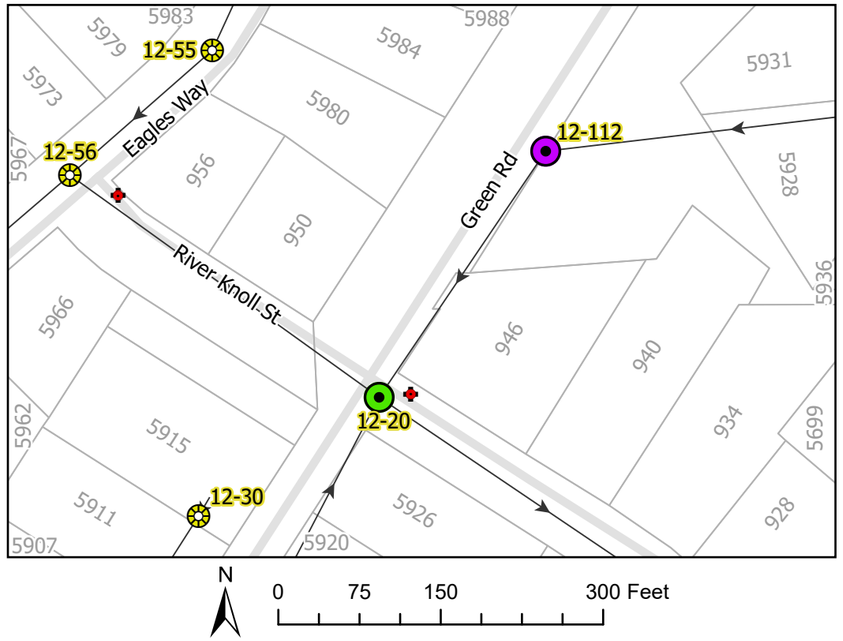
Sanitary Sewer System

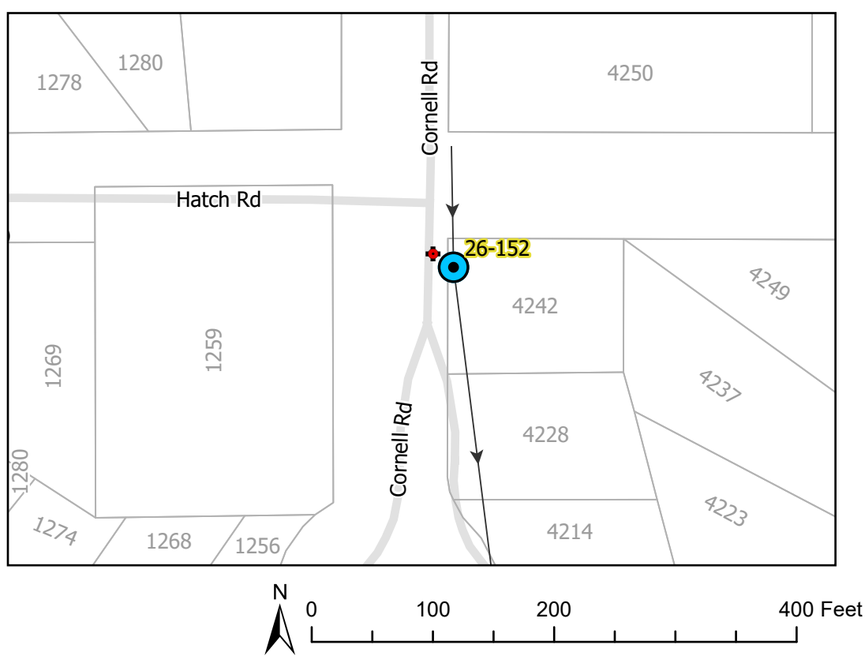
7/1/2026	JH	Bid Plans

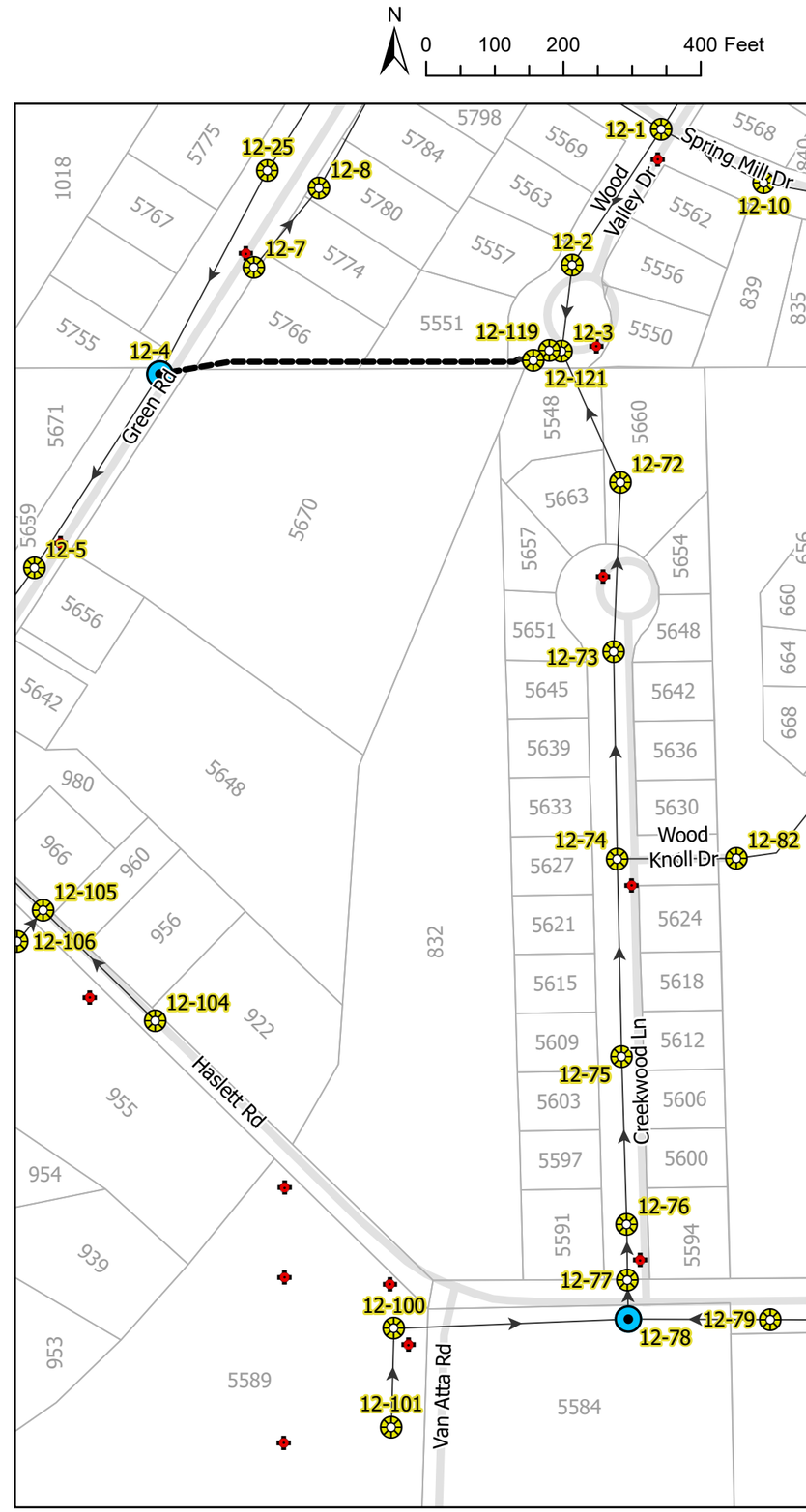
SANITARY SEWER REHABILITATION 2026

Manhole Rehab Center 2

SHEET 15/20

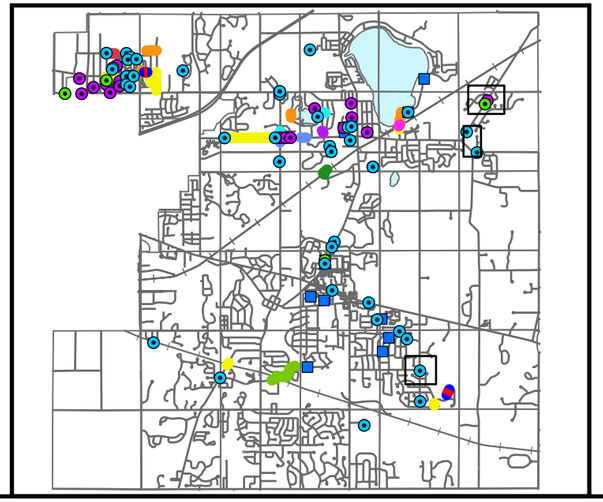






Rehab Quantities:

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



Meridian Charter Township

Ingham County, Michigan

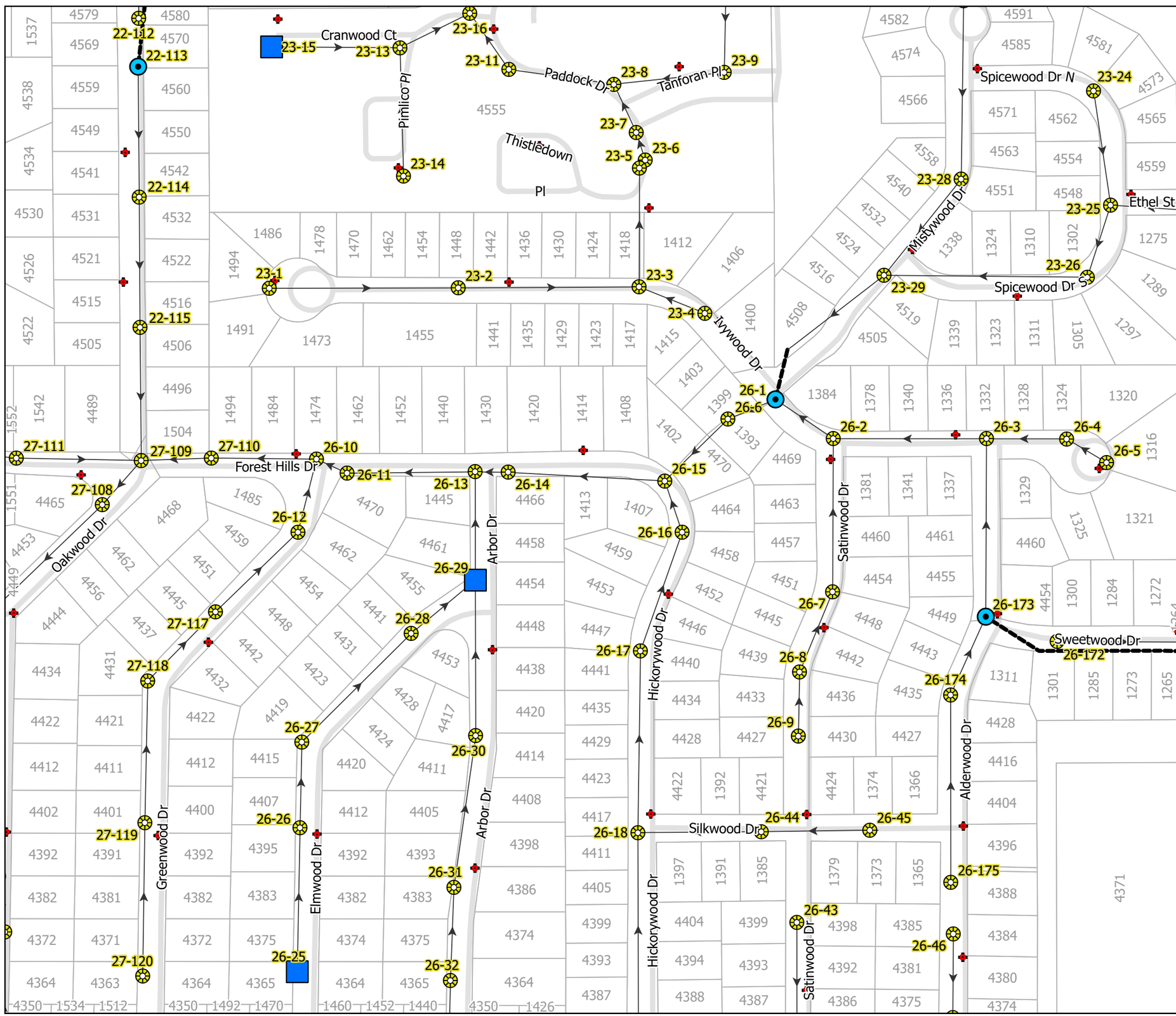
Sanitary Sewer System

7/1/2026	JH	Bid Plans

SANITARY SEWER REHABILITATION 2026

Manhole Rehab East

SHEET 16/20



MERIDIAN TOWNSHIP

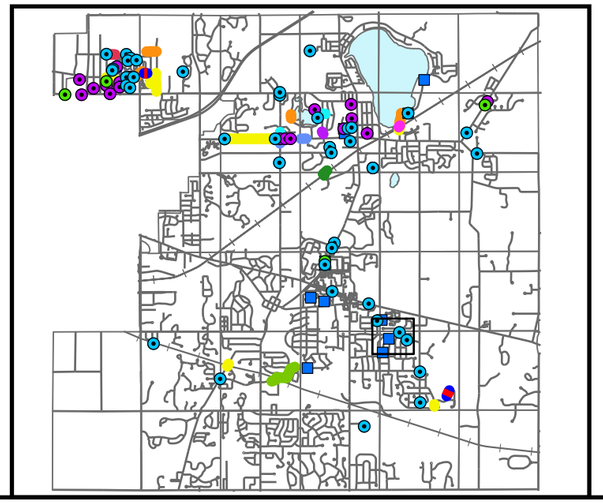
• EST. 1842 •

Rehab Quantities:

Manhole, Liner, Cementitious	3 EA
Manhole, Rebuild Chimney	3 EA

N

0 100 200 400 Feet



Meridian Charter Township

Ingham County, Michigan

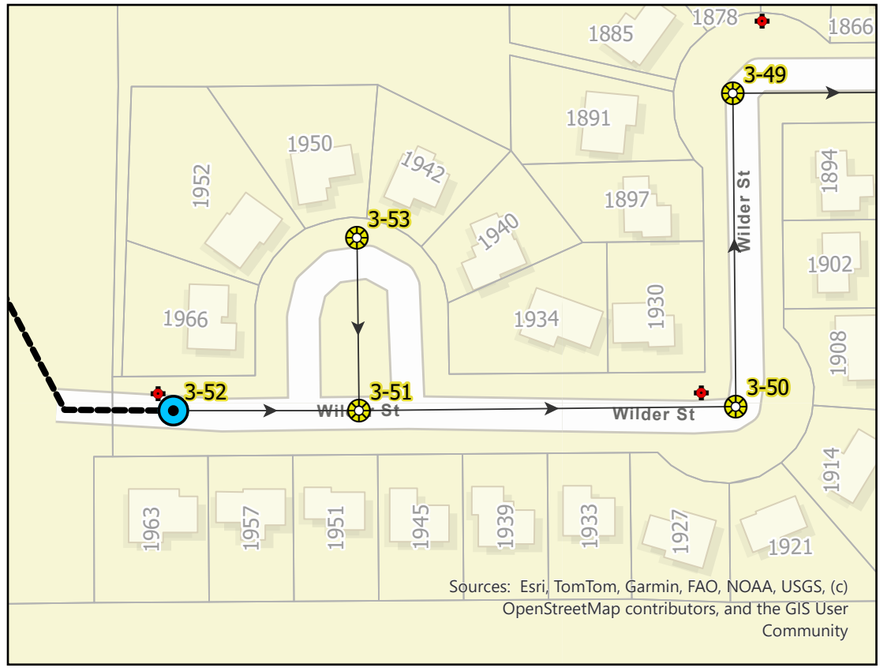
Sanitary Sewer System

7/1/2026	JH	Bid Plans

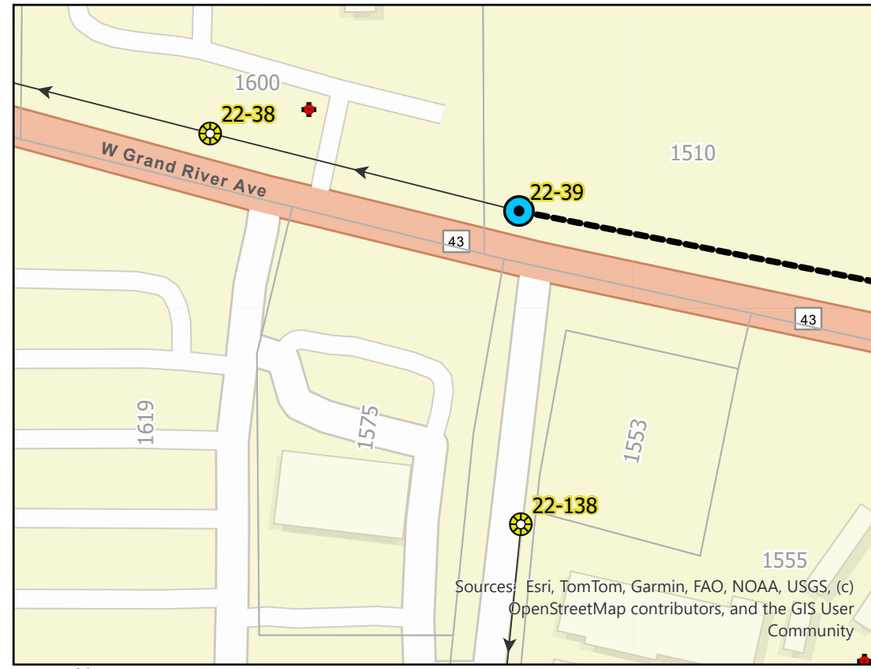
SANITARY SEWER REHABILITATION 2026

Manhole Rehab Southeast

SHEET 17/20

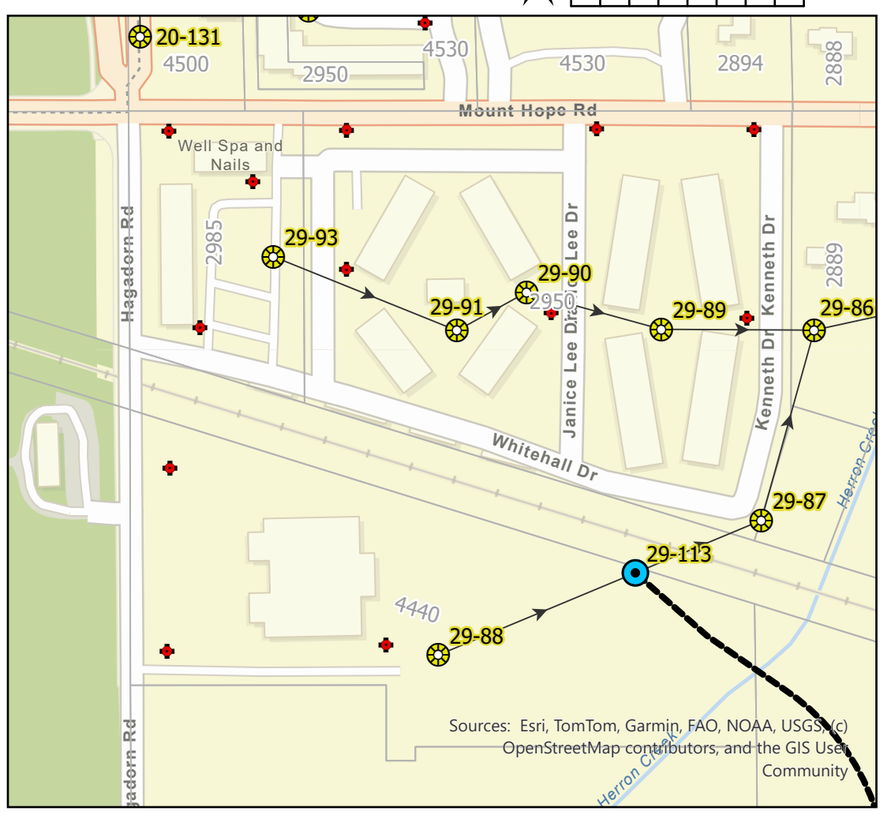


N 0 100 200 400 Feet

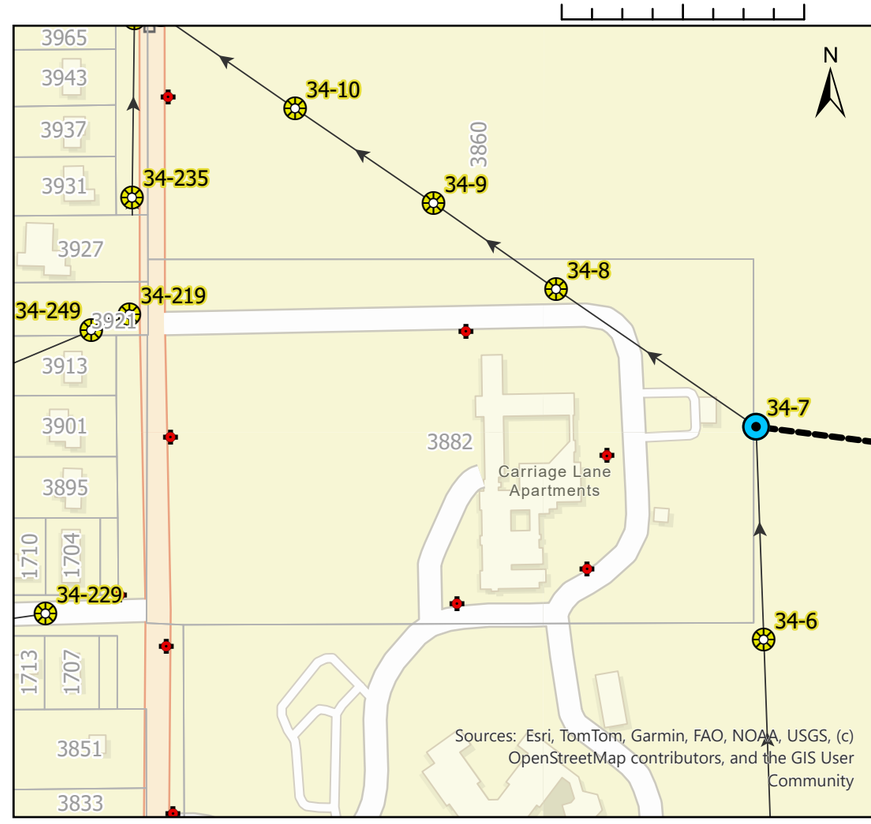


N 0 100 200 400 Feet

N 0 100 200 400 Feet



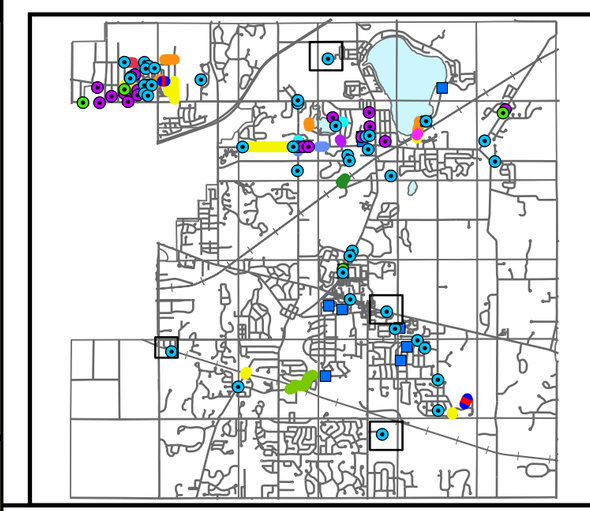
0 100 200 400 Feet



EST. 1842
MERIDIAN TOWNSHIP

Rehab Quantities:

Manhole, Liner, Cementitious	4 EA



Meridian Charter Township

Ingham County, Michigan

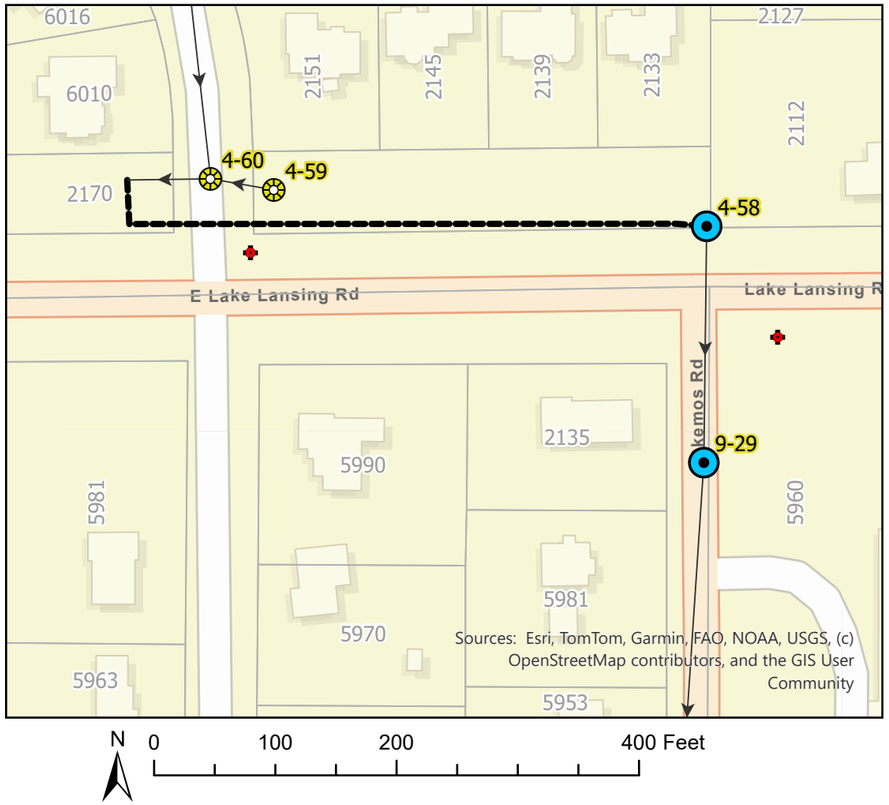
Sanitary Sewer System

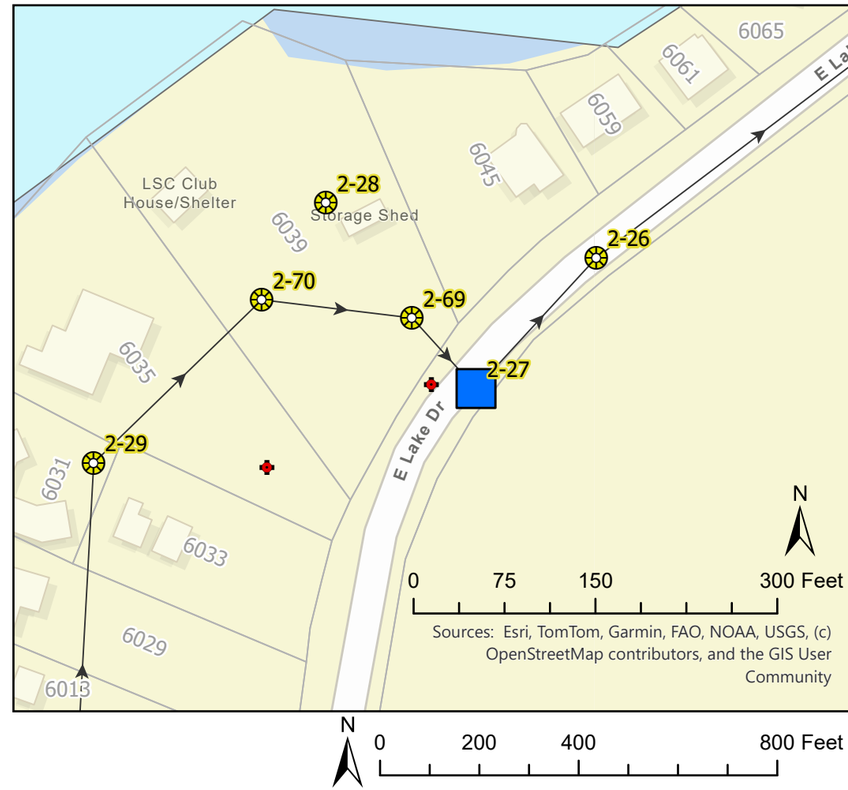
7/1/2026	JH	Bid Plans

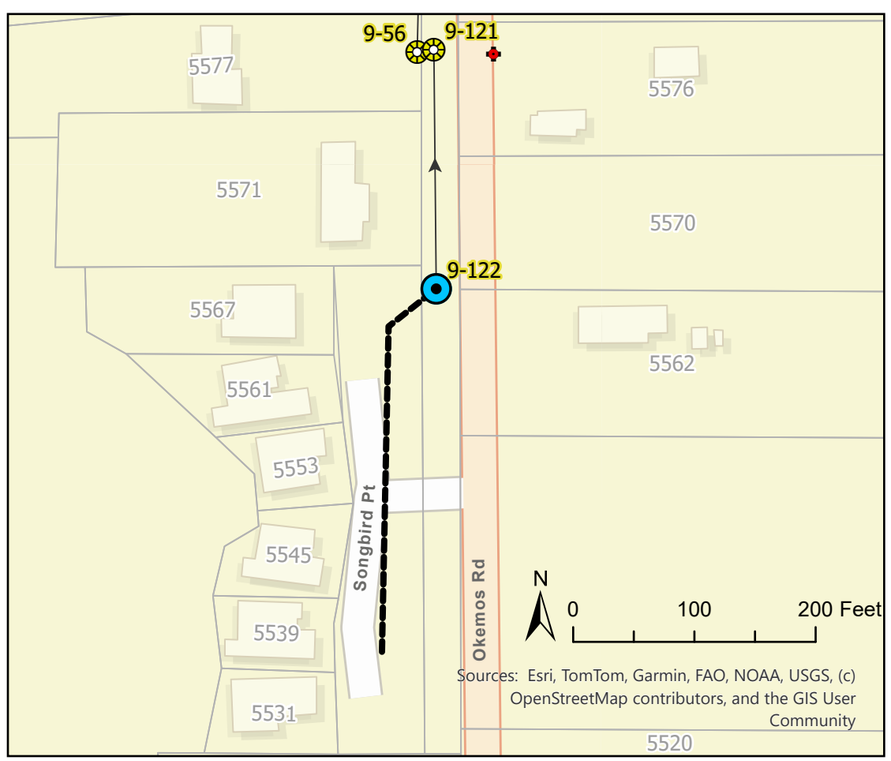
SANITARY SEWER REHABILITATION 2026

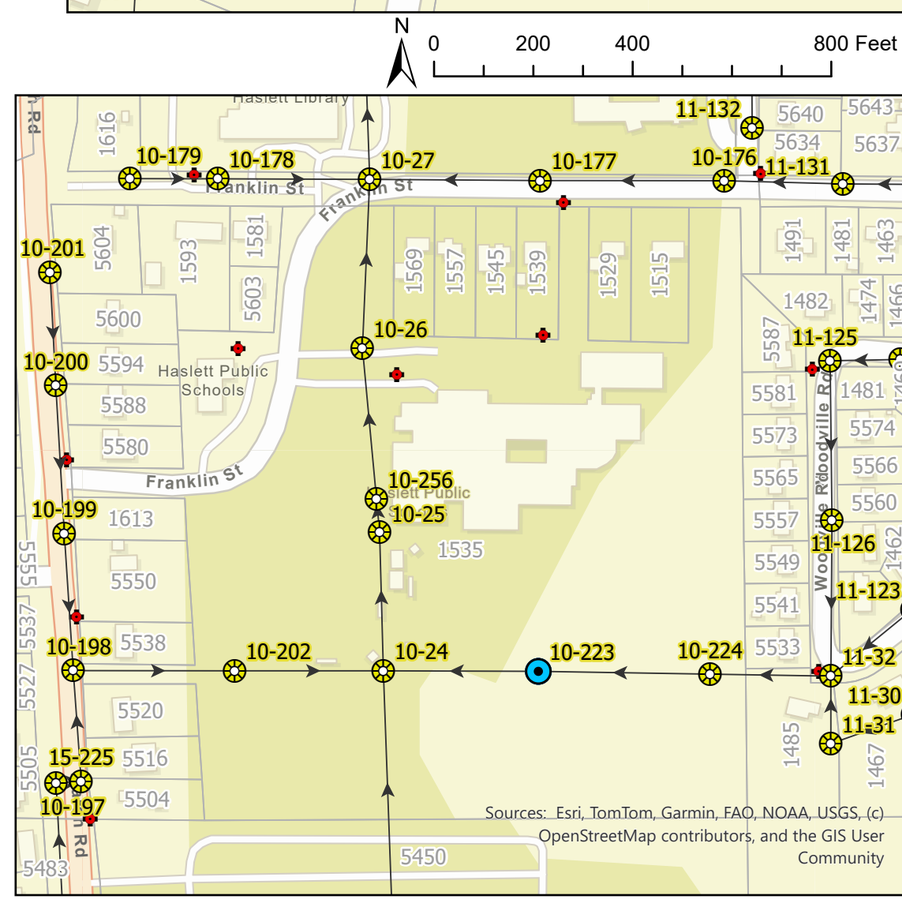
Manhole Rehab Misc

SHEET 18/20





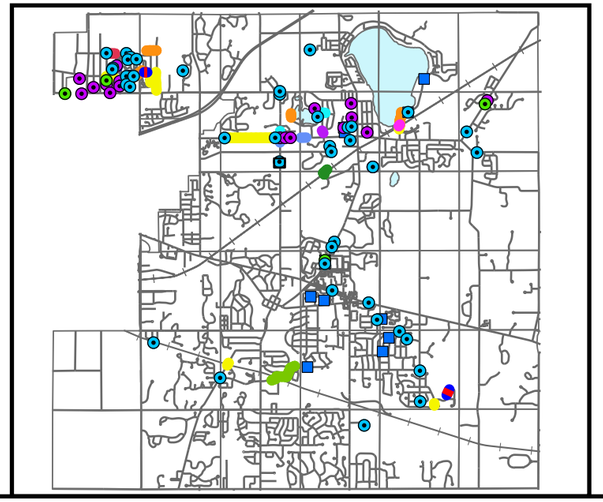




EST. 1842
MERIDIAN TOWNSHIP

Rehab Quantities:

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



Meridian Charter Township

Ingham County, Michigan

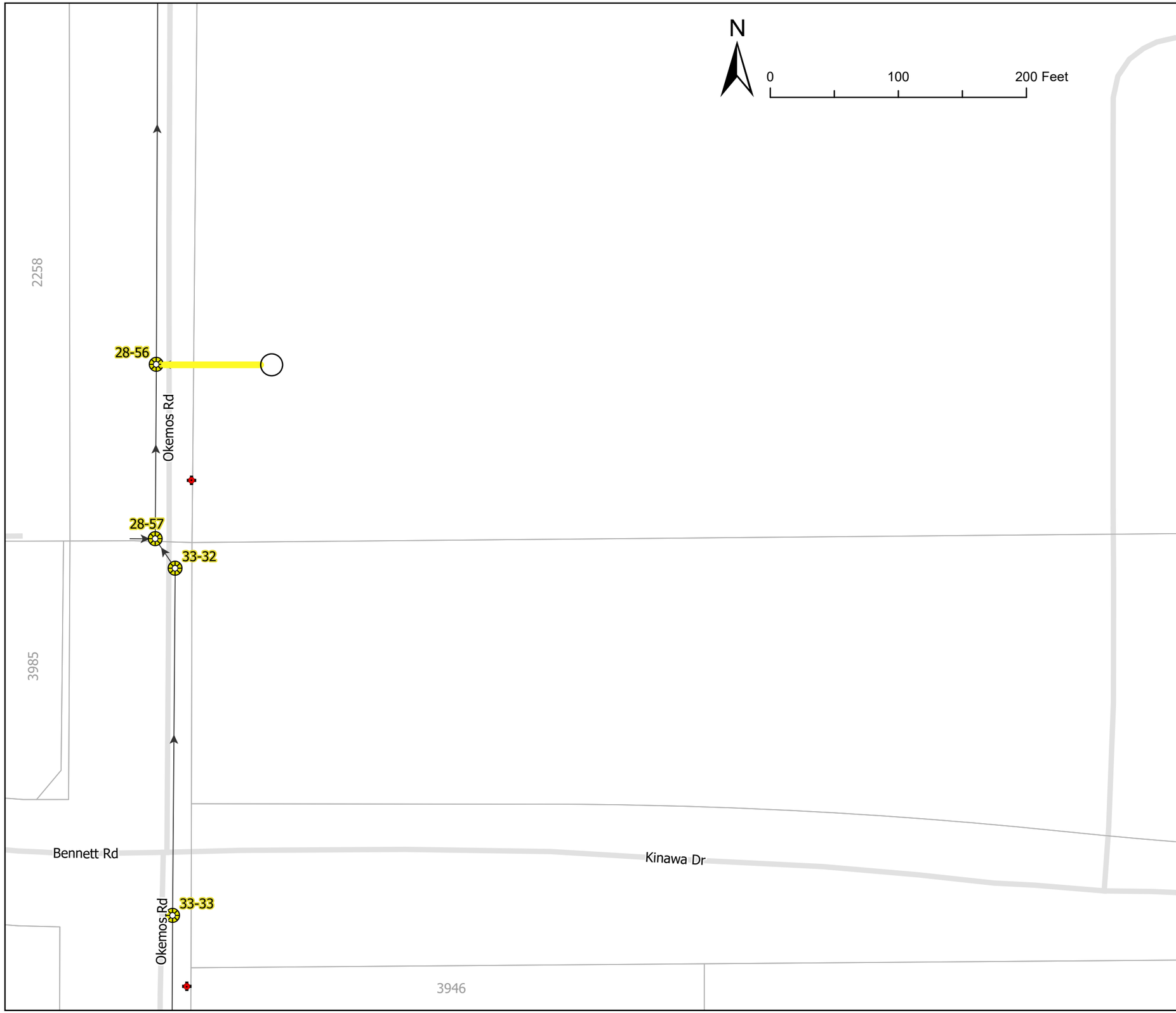
Sanitary Sewer System

7/1/2026	JH	Bid Plans

SANITARY SEWER REHABILITATION 2026

Manhole Rehab Misc 2

SHEET 19/20

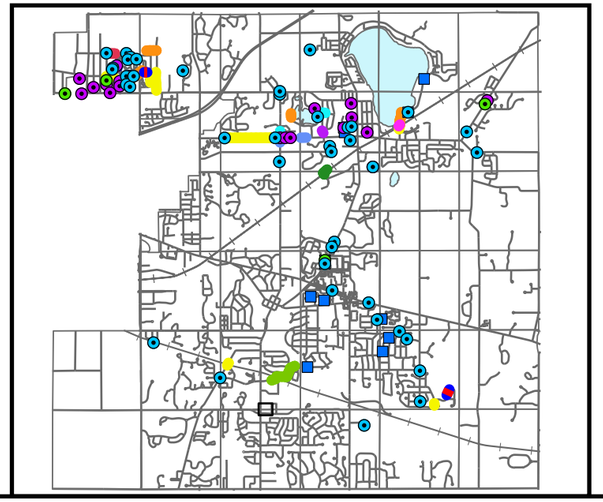


EST. 1842
MERIDIAN TOWNSHIP

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

SANITARY SEWER REHABILITATION 2026

Chippewa Middle School

SHEET 20/20