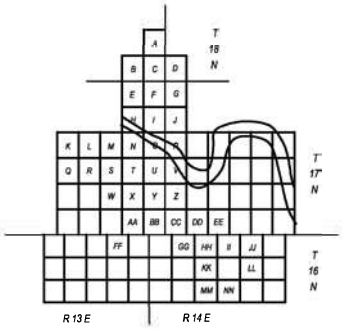
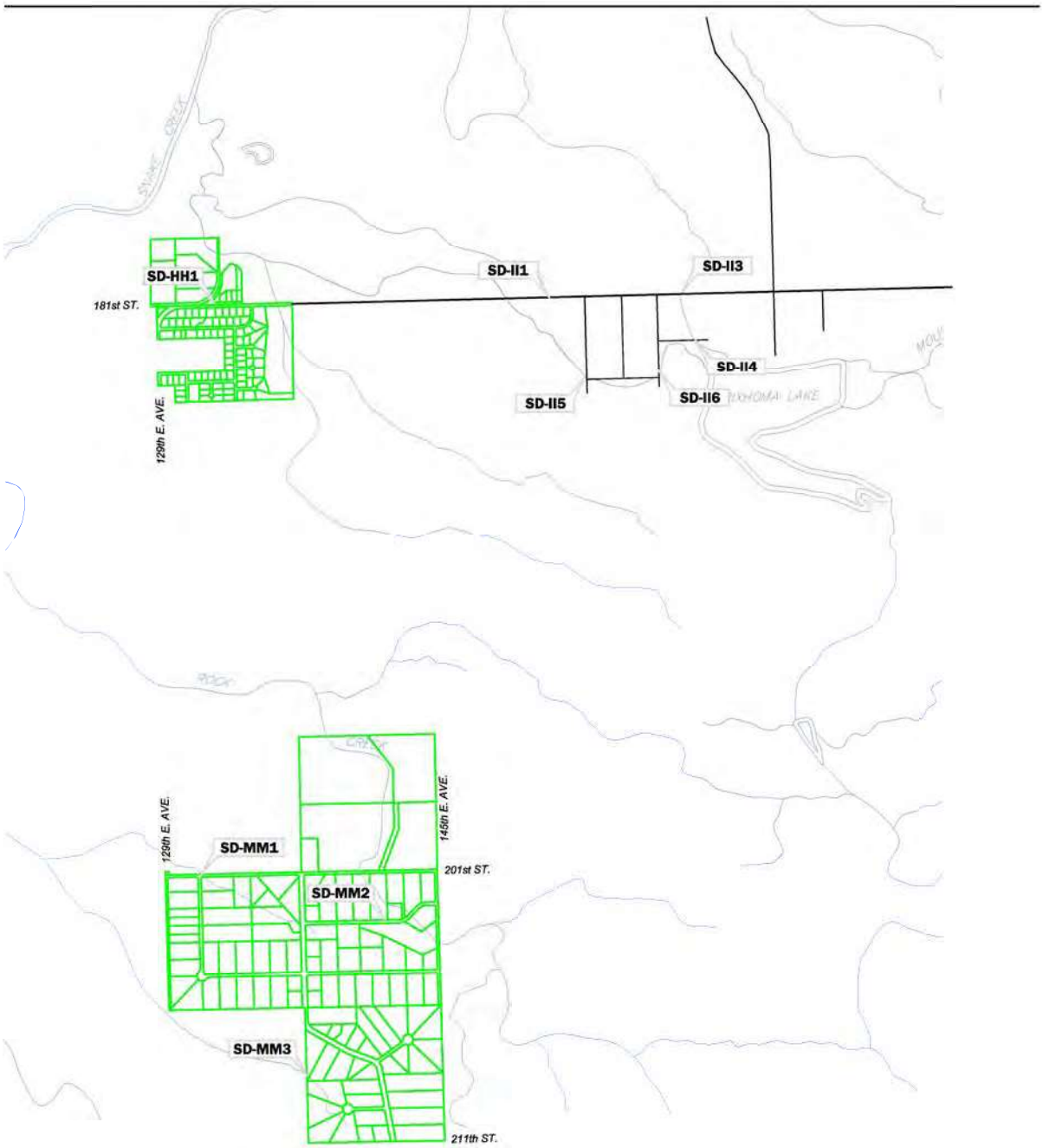
APPENDIX C: Map of MS4 and Water Features



KEY:

OUTFALL	DESCRIPTION
SD-HH1	DEER RUN
SD-II1	BIXHOMA LAKE ESTATES NW
SD-II3	BIXHOMA LAKE ESTATES EAST
SD-II4	BIXHOMA LAKE ESTATES 183rd
SD-II5	BIXHOMA LAKE ESTATES SW
SD-II6	BIXHOMA LAKE ESTATES SE
SD-MM1	BIXBY RANCH WEST
SD-MM2	BIXBY RANCH EAST
SD-MM3	BIXBY RANCH SOUTH

TOTAL NO. OUTFALLS = 9

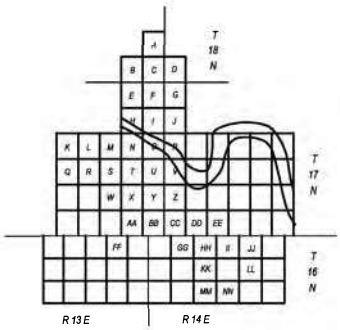


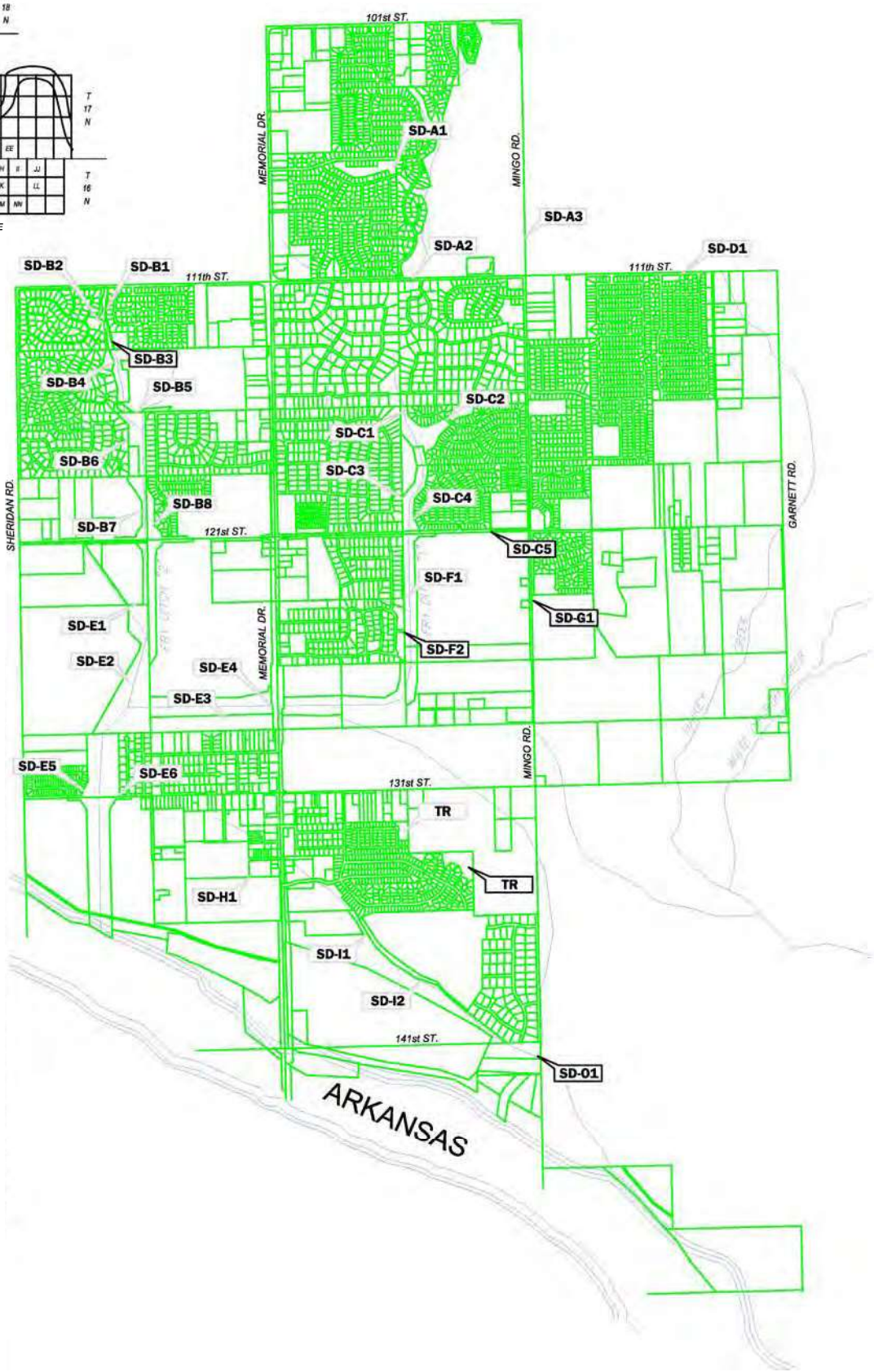
CITY OF BIXBY
ENGINEERING DEPARTMENT

N W E S
0 1000 2000 3000

STORM WATER POLLUTION PREVENTION PLAN

EAST BIXBY OUTFALLS - 2017





KEY:

OUTFALL	DESCRIPTION
SD-A1	SOUTH COUNTRY
SD-A2	OLIPHANT
SD-A3	LEGENDS
SD-B1	WOODCREEK NORTH
SD-B2	STANFORD ELM
SD-B3	WOODCREEK SOUTH
SD-B4	GRAYSTONE NORTH
SD-B5	THE LINKS
SD-B6	GRAYSTONE SOUTH'
SD-B7	NORTH ELEMENTARY
SD-B8	FOX RUN
SD-C1	SOUTHWOOD ESTATES
SD-C2	TWIN CREEKS NORTH
SD-C3	S. MEMORIAL AC. NORTH
SD-C4	TWIN CREEKS SOUTH
SD-C5	TWIN CREEKS EAST
SD-D1	SHANNONDALE
SD-E1	121st MITIGATION
SD-E2	SEVEN LAKES
SD-E3	CROSS CREEK
SD-E4	FRY CREEK - MEMORIAL
SD-E5	COPPERLEAF
SD-E6	LA CASA MOVIL
SD-F1	HOUSER
SD-F2	S. MEMORIAL AC. SOUTH
SD-G1	HERITAGE PARK
SD-H1	YMCA
SD-I1	BIXBY CROSSING
SD-I2	SOUTHBRIDGE
SD-01	141st & MINGO
TR	TOTAL RETENTION

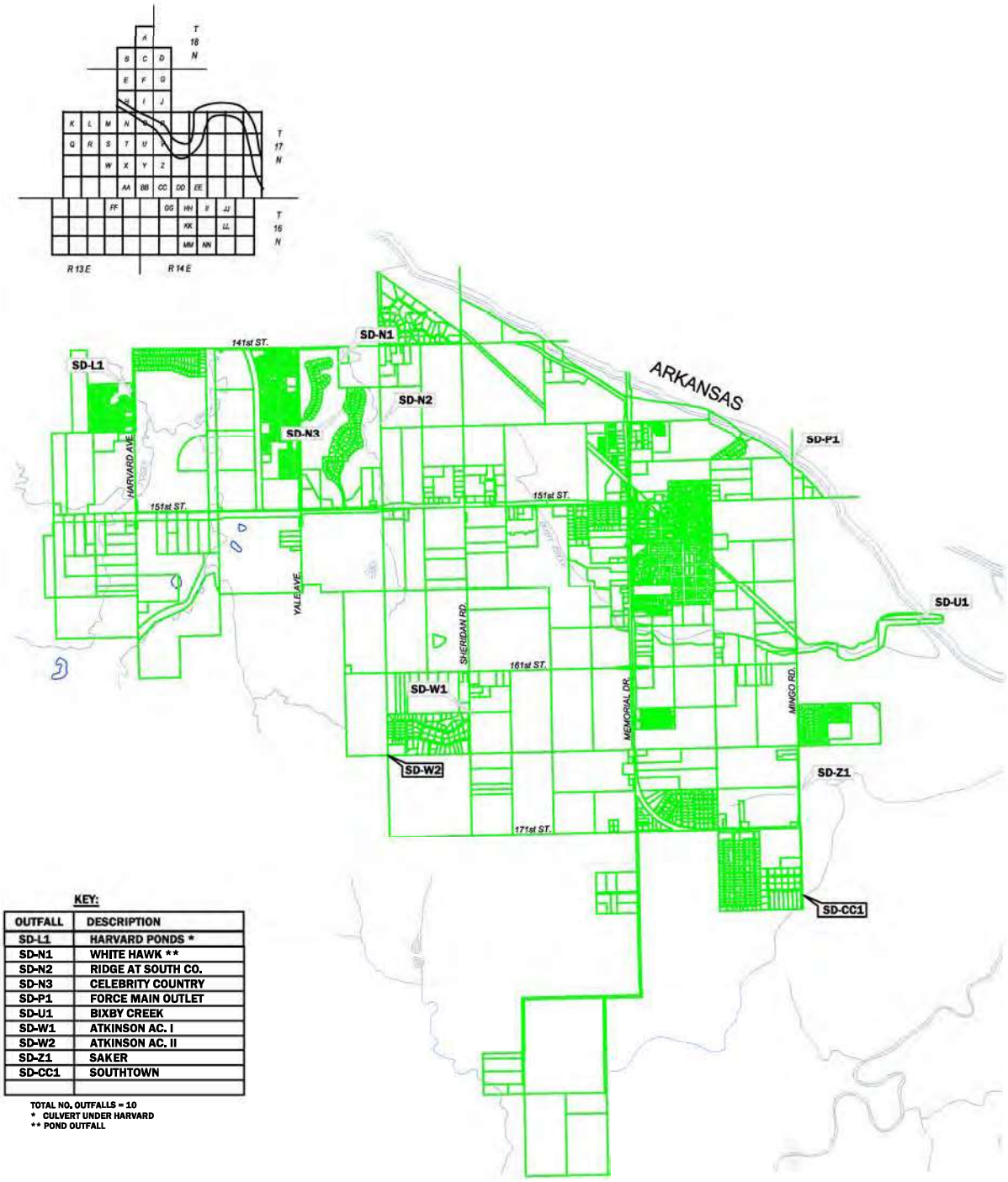
TOTAL NO. OUTFALLS = 30

CITY OF BIXBY
ENGINEERING DEPARTMENT

0 1000 2000 3000

STORM WATER POLLUTION PREVENTION PLAN

NORTH BIXBY OUTFALLS - 2017



KEY:

OUTFALL	DESCRIPTION
SD-L1	HARVARD PONDS *
SD-N1	WHITE HAWK **
SD-N2	RIDGE AT SOUTH CO.
SD-N3	CELEBRITY COUNTRY
SD-P1	FORCE MAIN OUTLET
SD-U1	BIXBY CREEK
SD-W1	ATKINSON AC. I
SD-W2	ATKINSON AC. II
SD-Z1	SAKER
SD-CC1	SOUTHTOWN

TOTAL NO. OUTFALLS = 10
* CULVERT UNDER HARVARD
** POND OUTFALL

CITY OF BIXBY
ENGINEERING DEPARTMENT

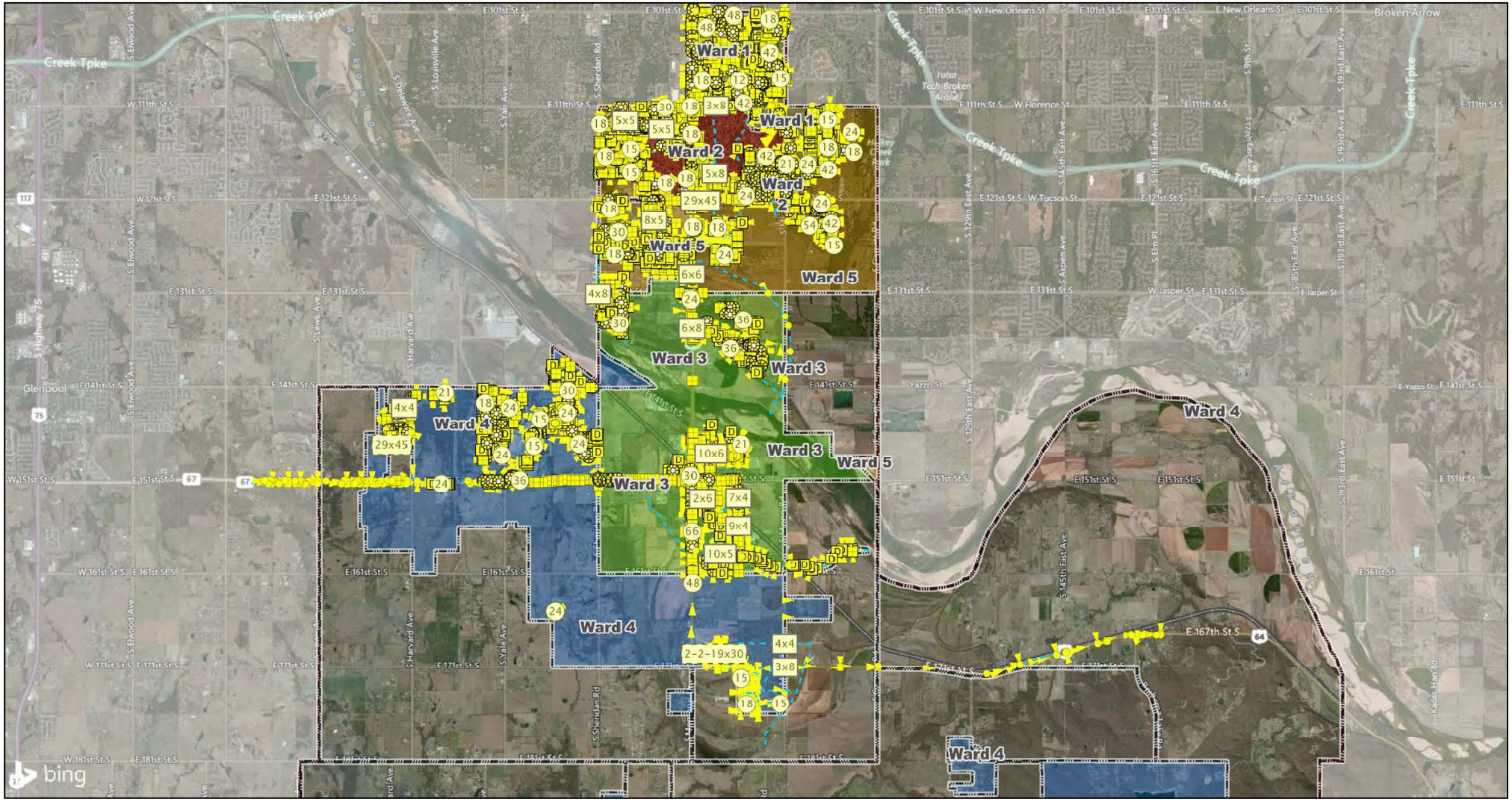
N W E S

0 1600 3200 4800

STORM WATER POLLUTION PREVENTION PLAN

SOUTH BIXBY OUTFALLS - 2017

City of Bixby MS4 Map



June 29, 2016

1:80,259

0 1 2 4 mi

0 1.5 3 6 km

Storm Sewer Points

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure; OTHER

Storm Sewer Lines

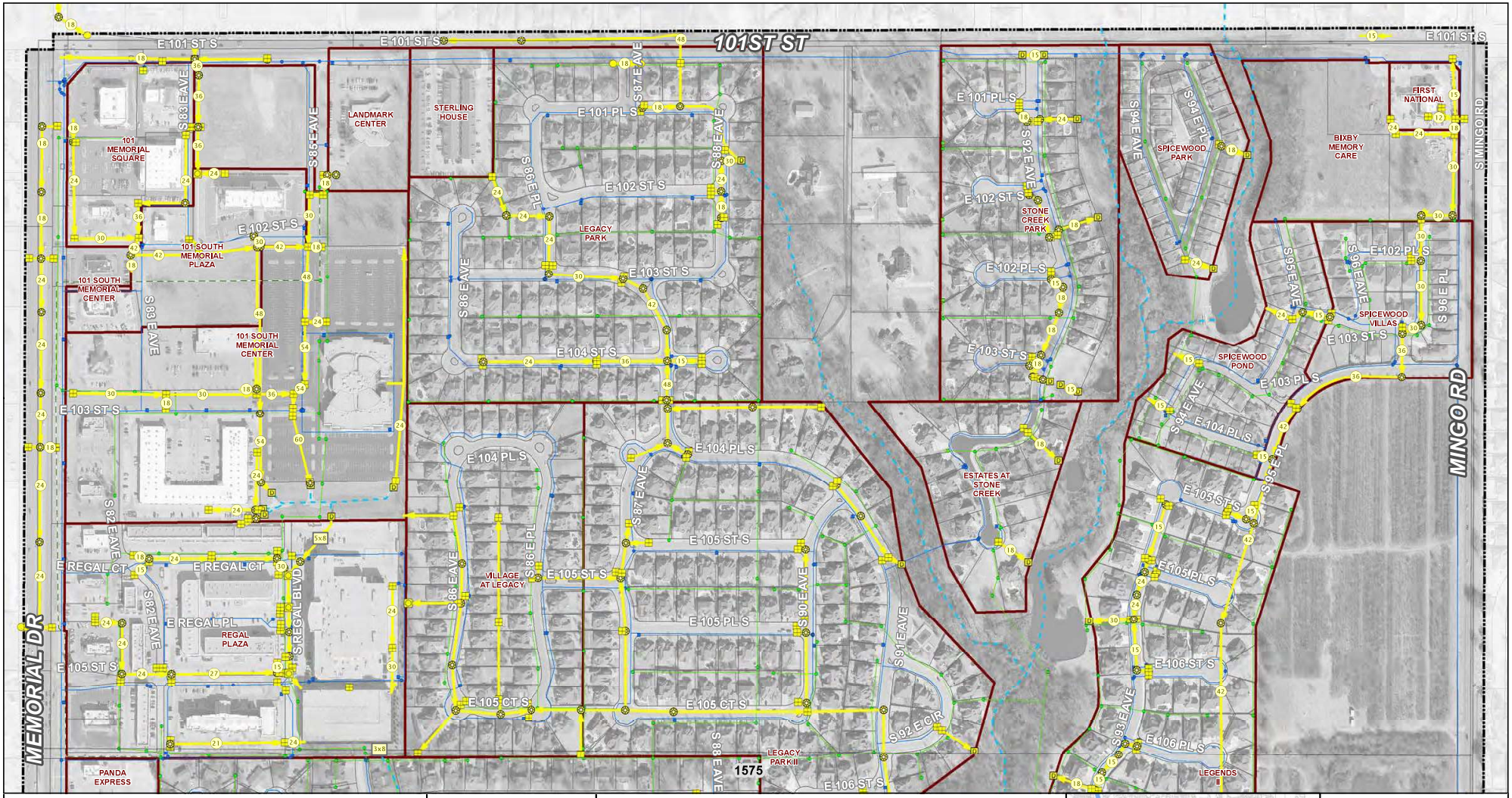
- Closed System
- Open System
- Unknown - Other
- City Limit and Ward Boundaries

City Wards (Color Shading)

- 1
- 2
- 3
- 4
- 5

- Bixby Fenceline
- Areas Outside Fenceline

© Harris Corp, Earthstar Geographics LLC Earthstar Geographics SIO © 2016 Microsoft Corporation © 2010 NAVTEQ © AND



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

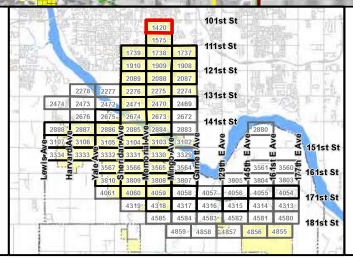
0 175 350 Feet

MESHEK & ASSOCIATES

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

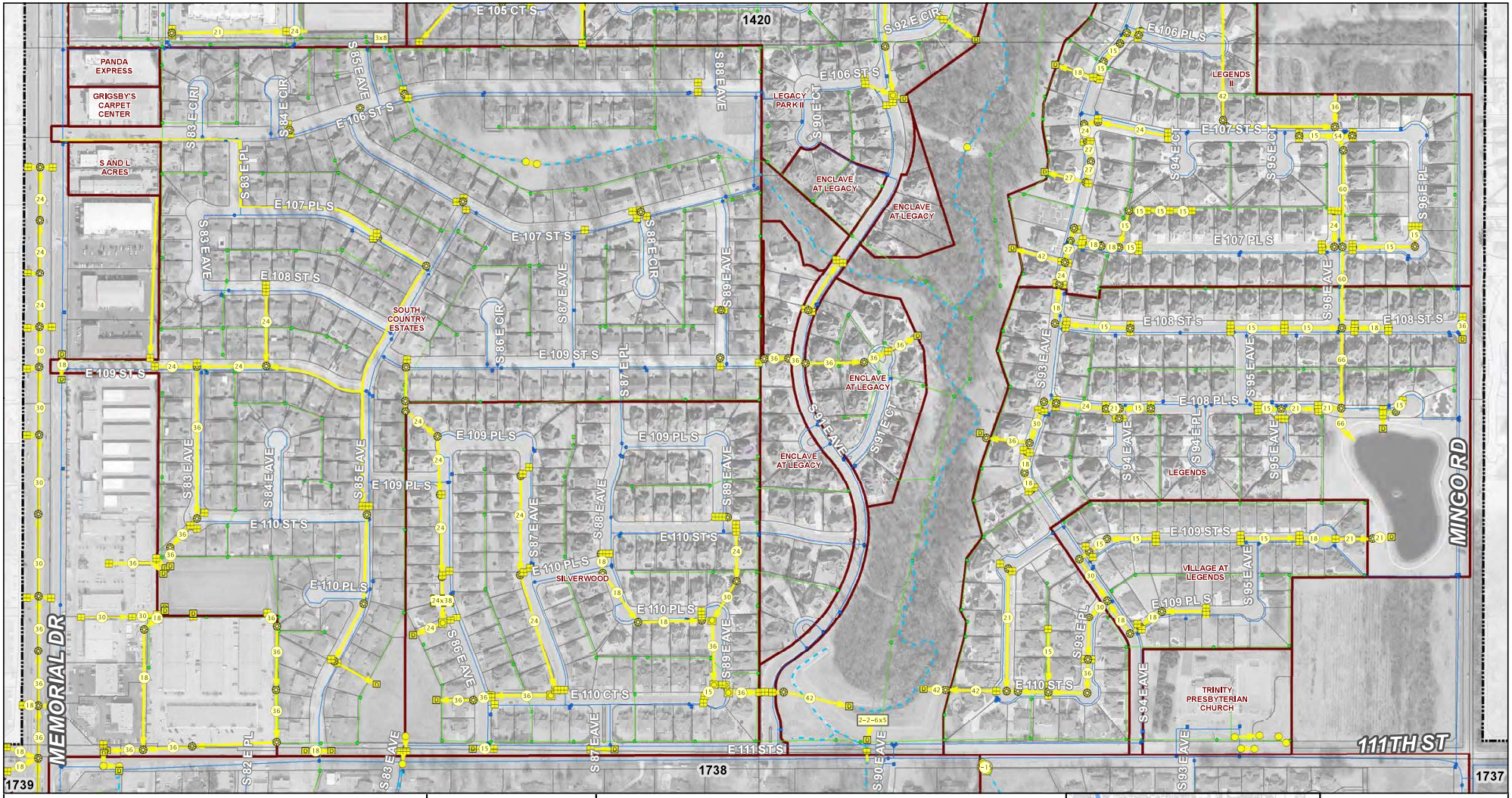
Base Map - 2014 Aerial



25-18N-13E

Panel Number

1420



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

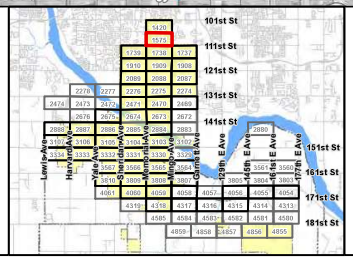
0 175 350 Feet

MESHEK & ASSOCIATES

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

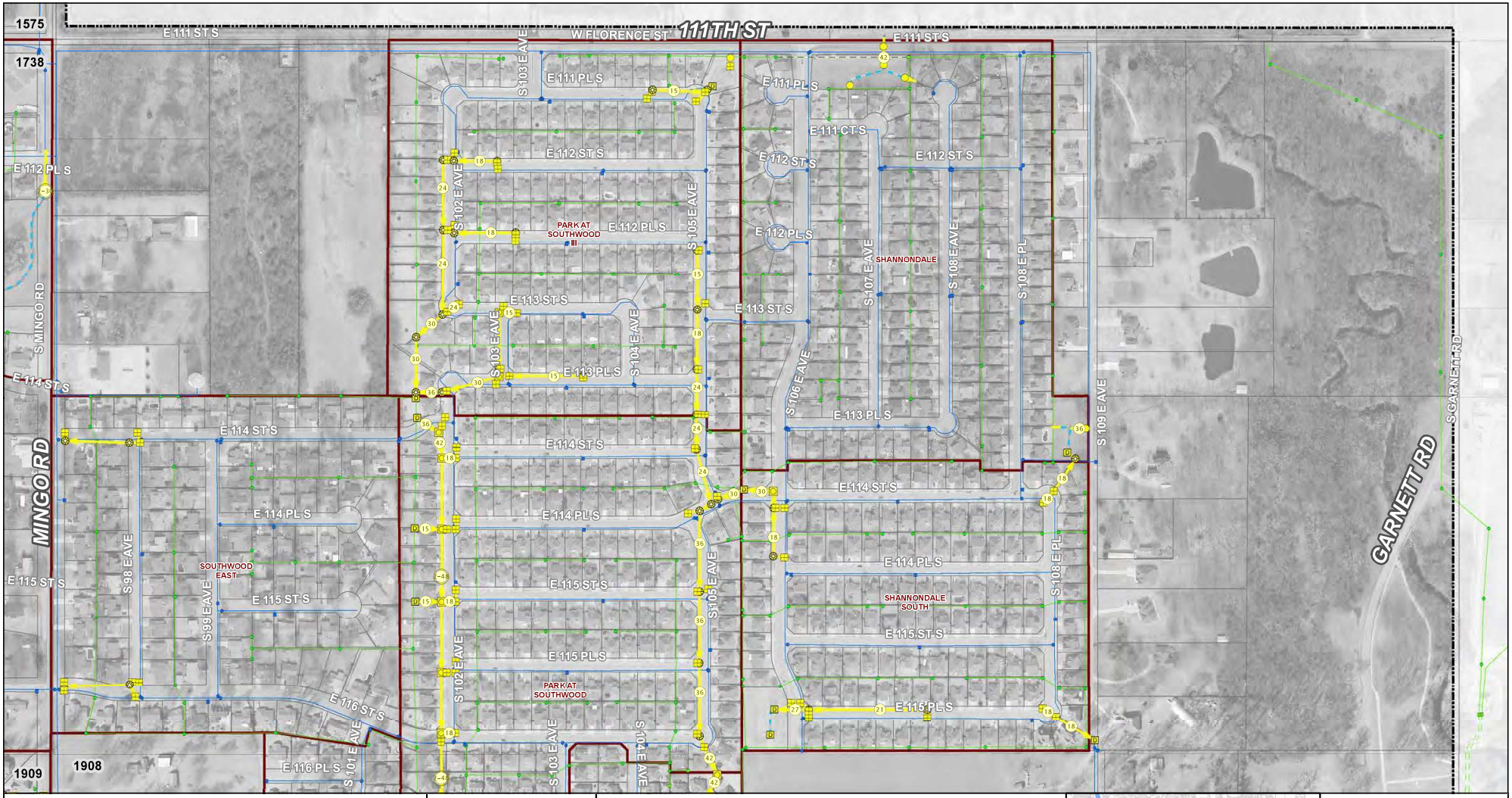
Base Map - 2014 Aerial



25-18N-13E

Panel Number

1575



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

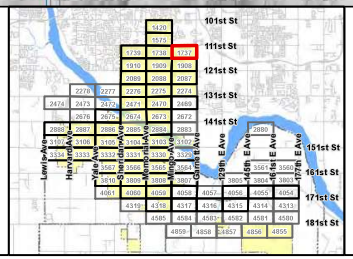
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

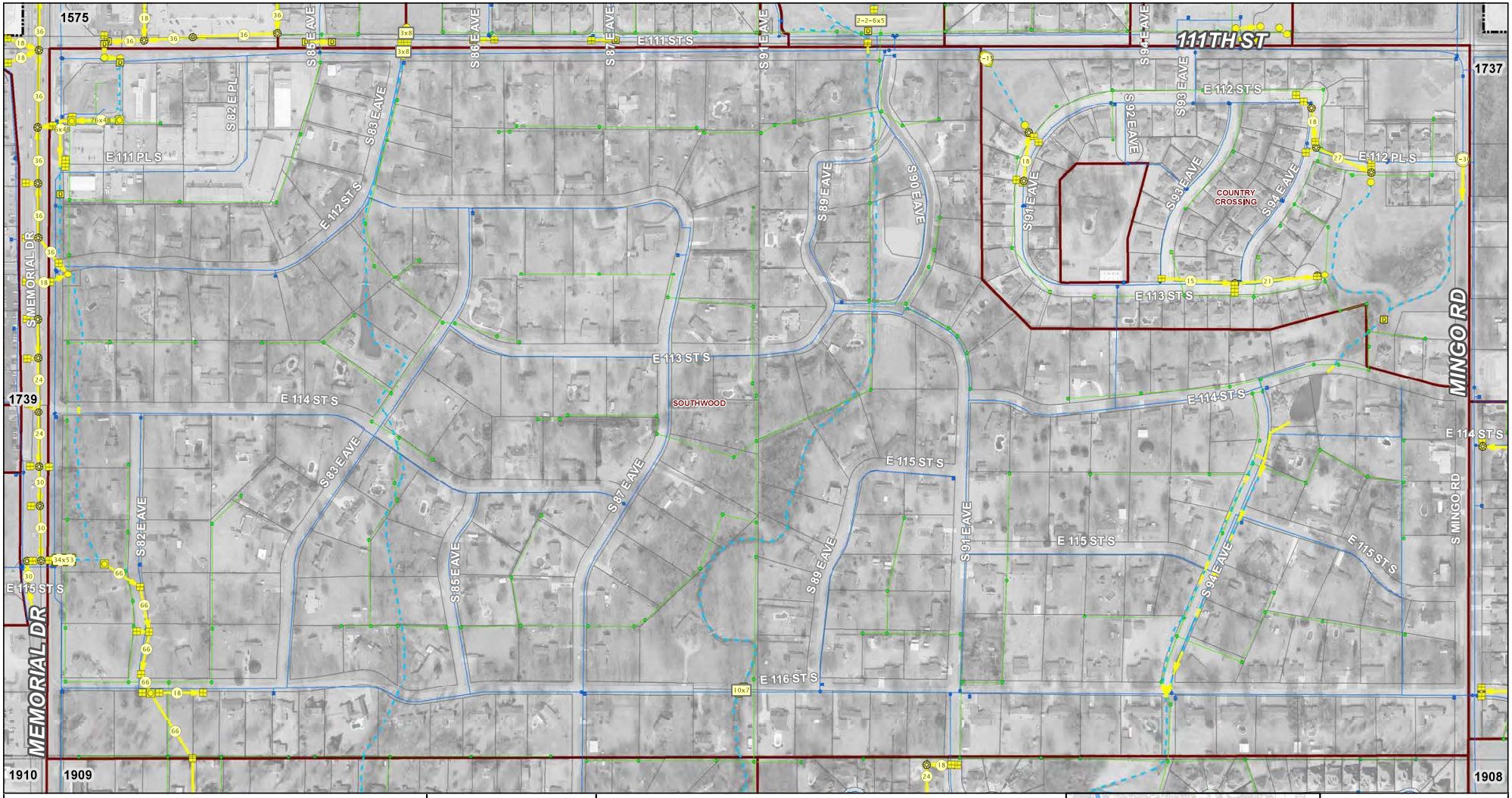
Base Map - 2014 Aerial



31-18N-14E

Panel Number

1737



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

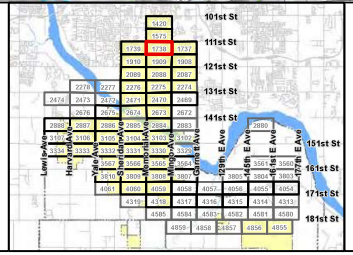
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

Base Map - 2014 Aerial



36-18N-13E

Panel Number

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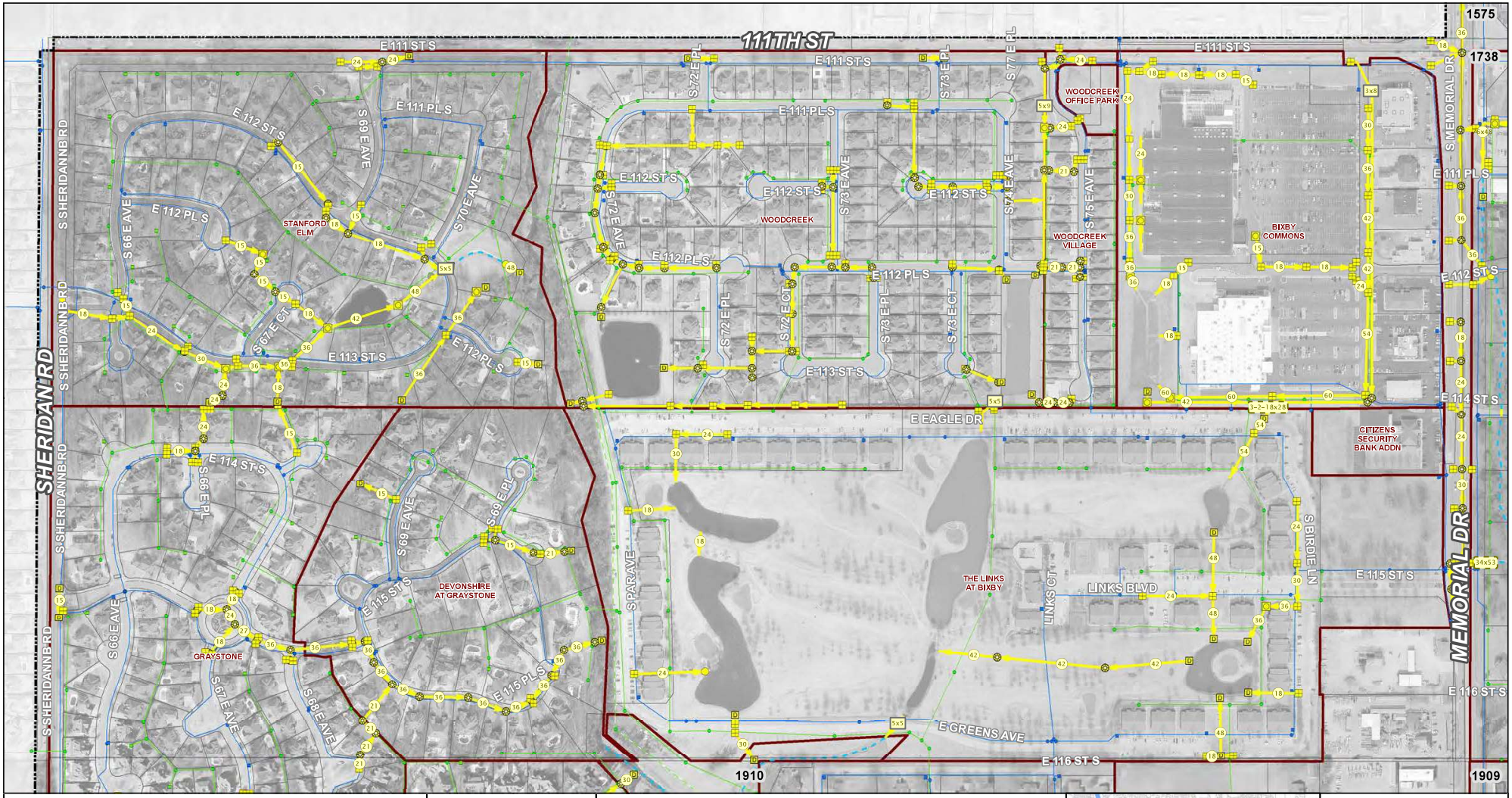


City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

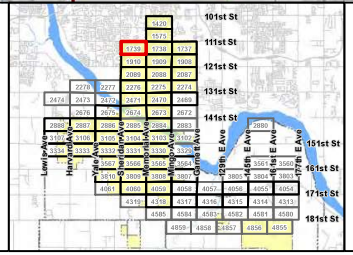
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

Base Map - 2014 Aerial



35-18N-13E

Panel Number

1739

City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

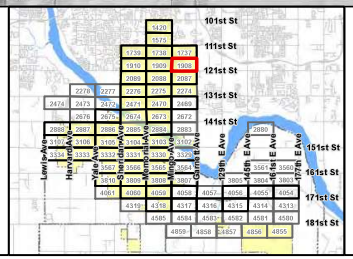
0 175 350 Feet

MESHEK & ASSOCIATES

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

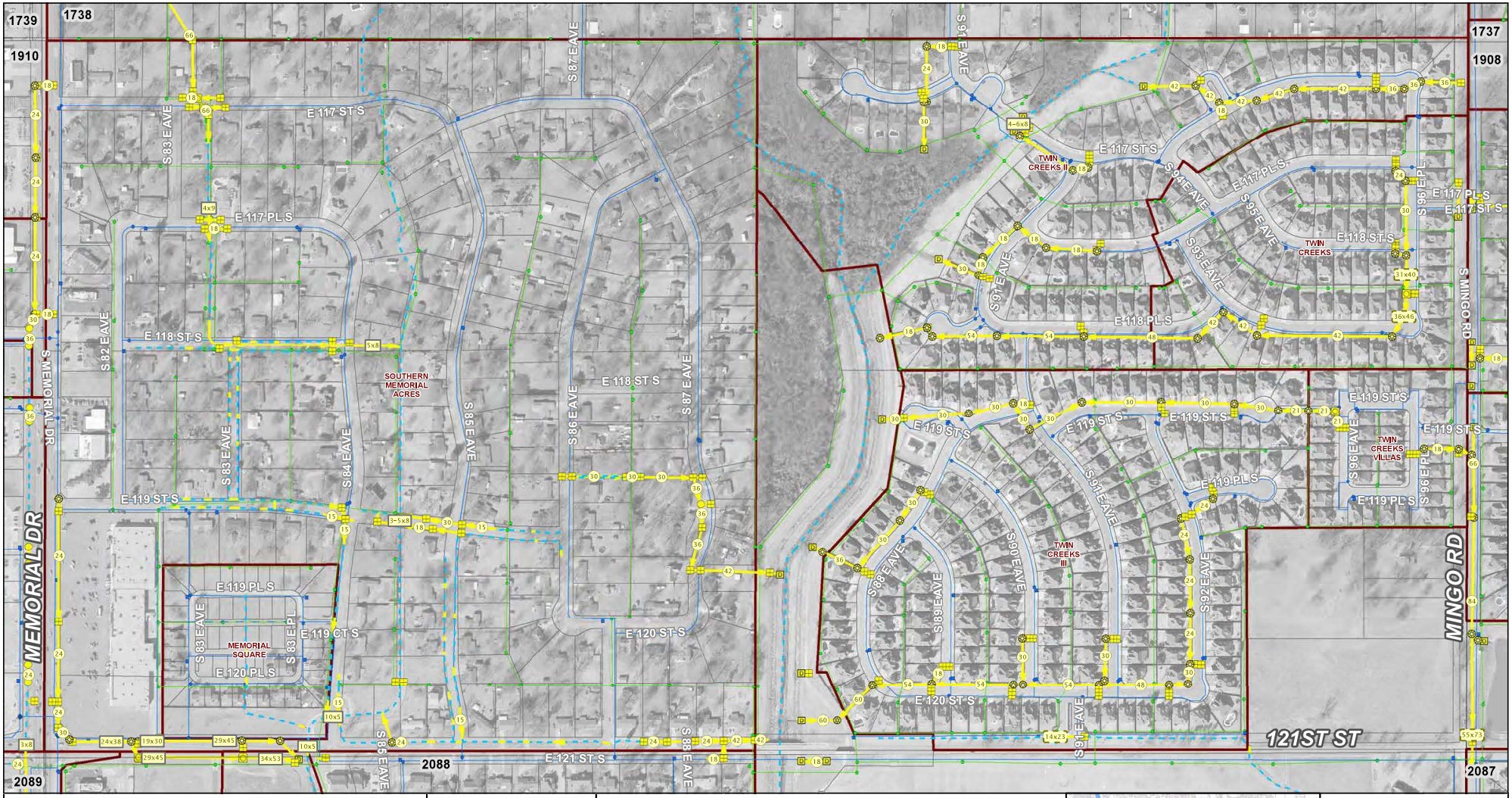
Base Map - 2014 Aerial



31-18N-14E

Panel Number

1908



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

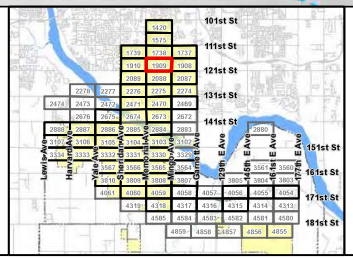
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

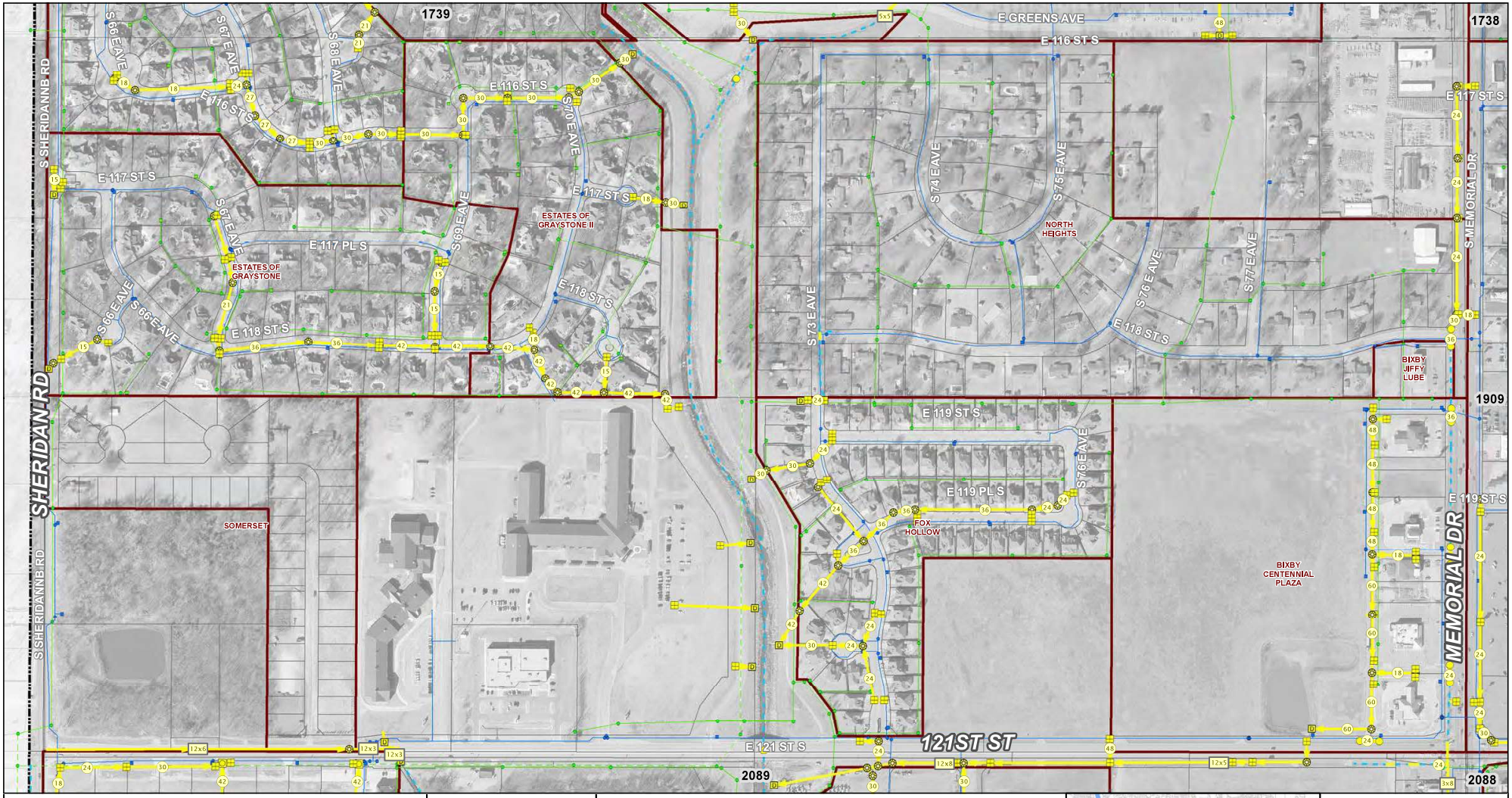
Base Map - 2014 Aerial



36-18N-13E

Panel Number

1909



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

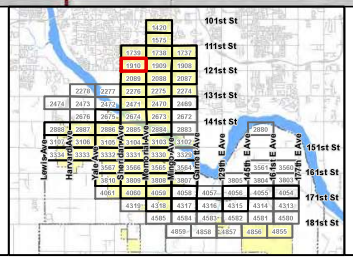
0 175 350 Feet

MESHEK & ASSOCIATES

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

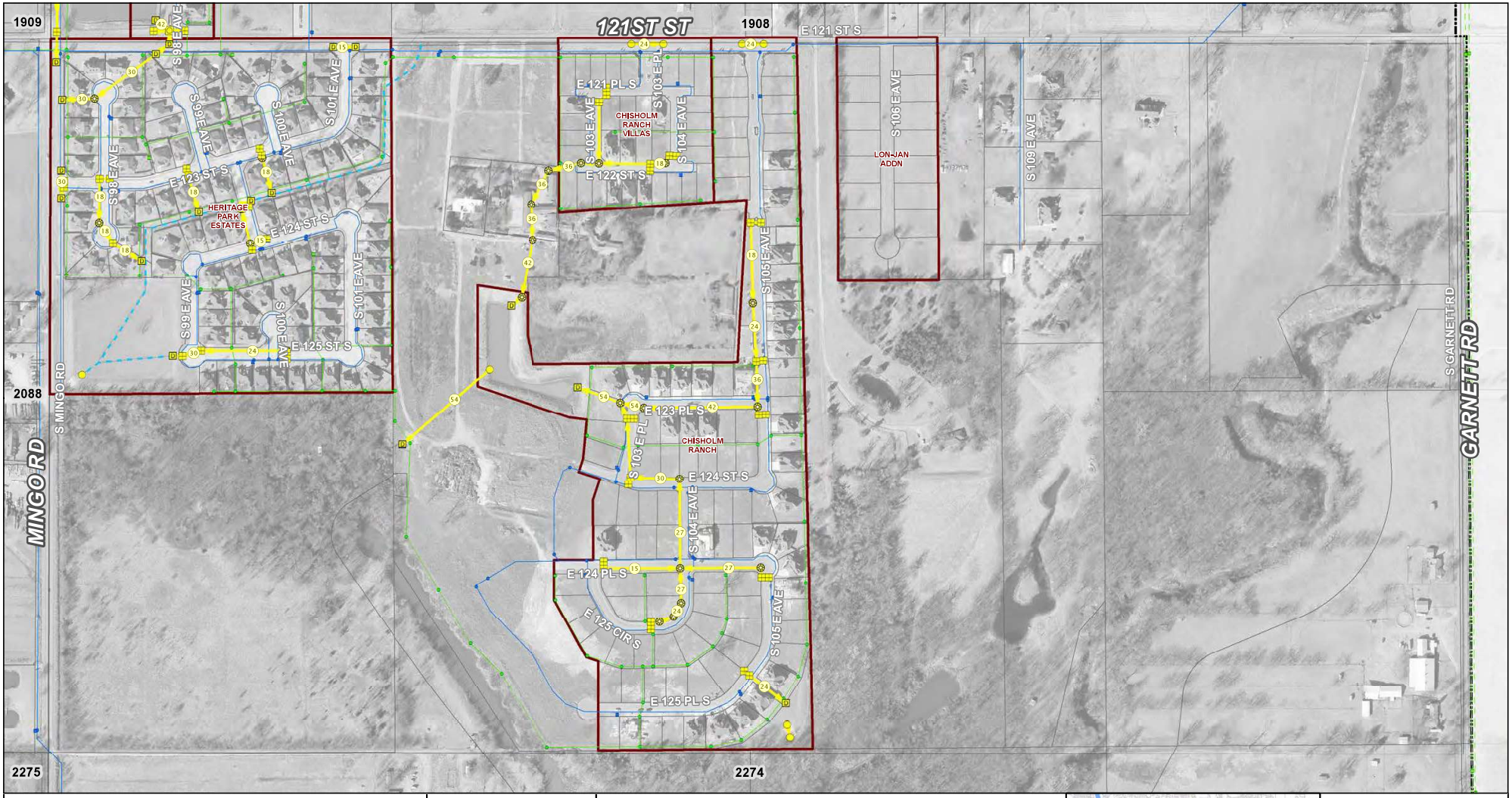
Base Map - 2014 Aerial



35-18N-13E

Panel Number

1910



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

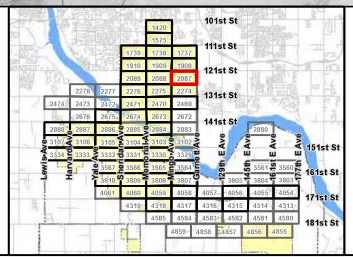
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

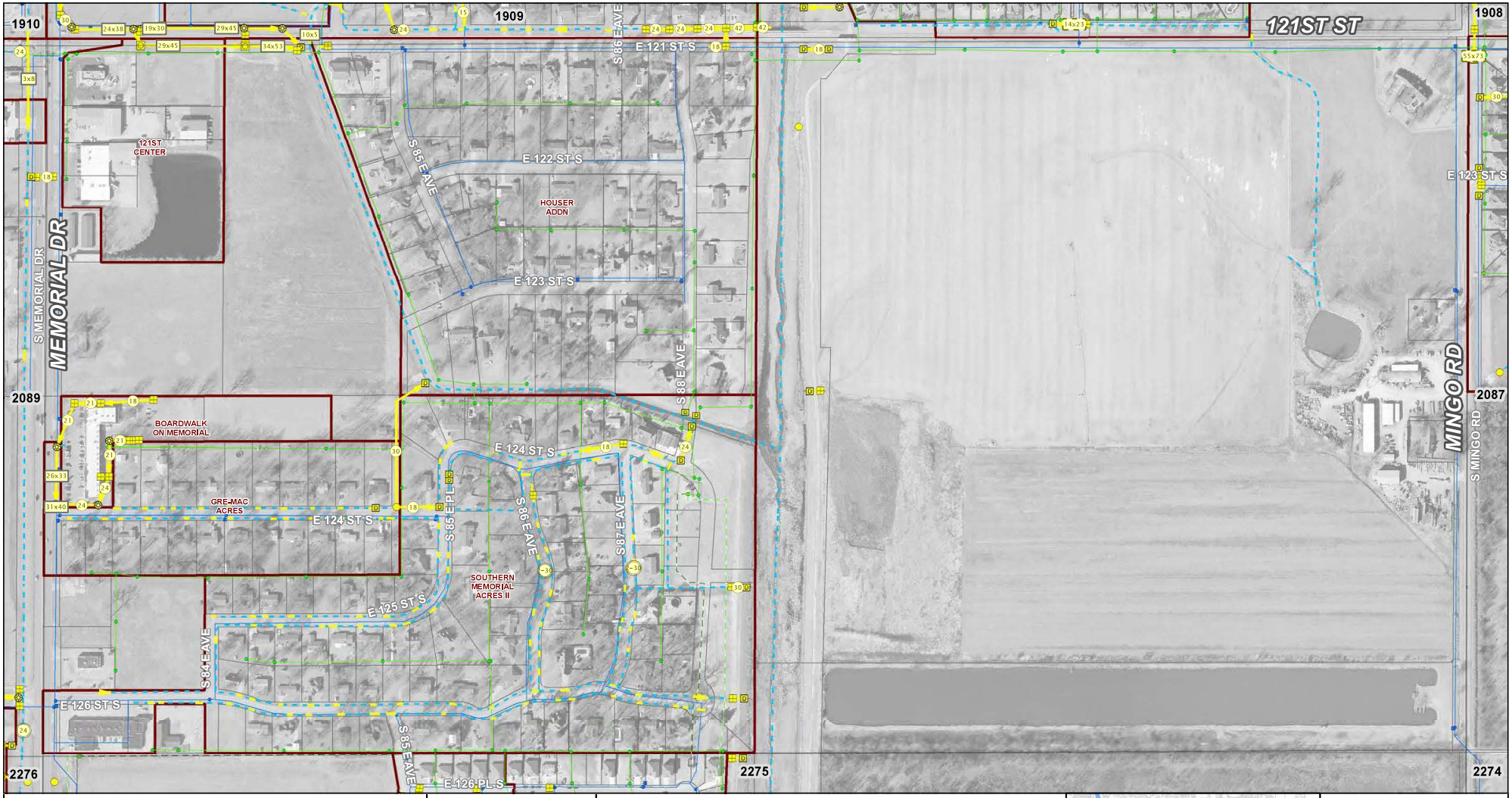
Base Map - 2014 Aerial



06-17N-14E

Panel Number

2087



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

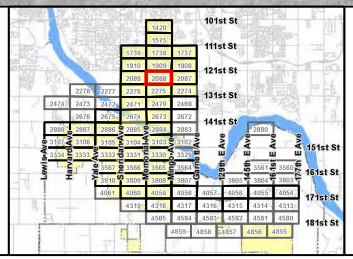
0 175 350 Feet

MESHEK & ASSOCIATES

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

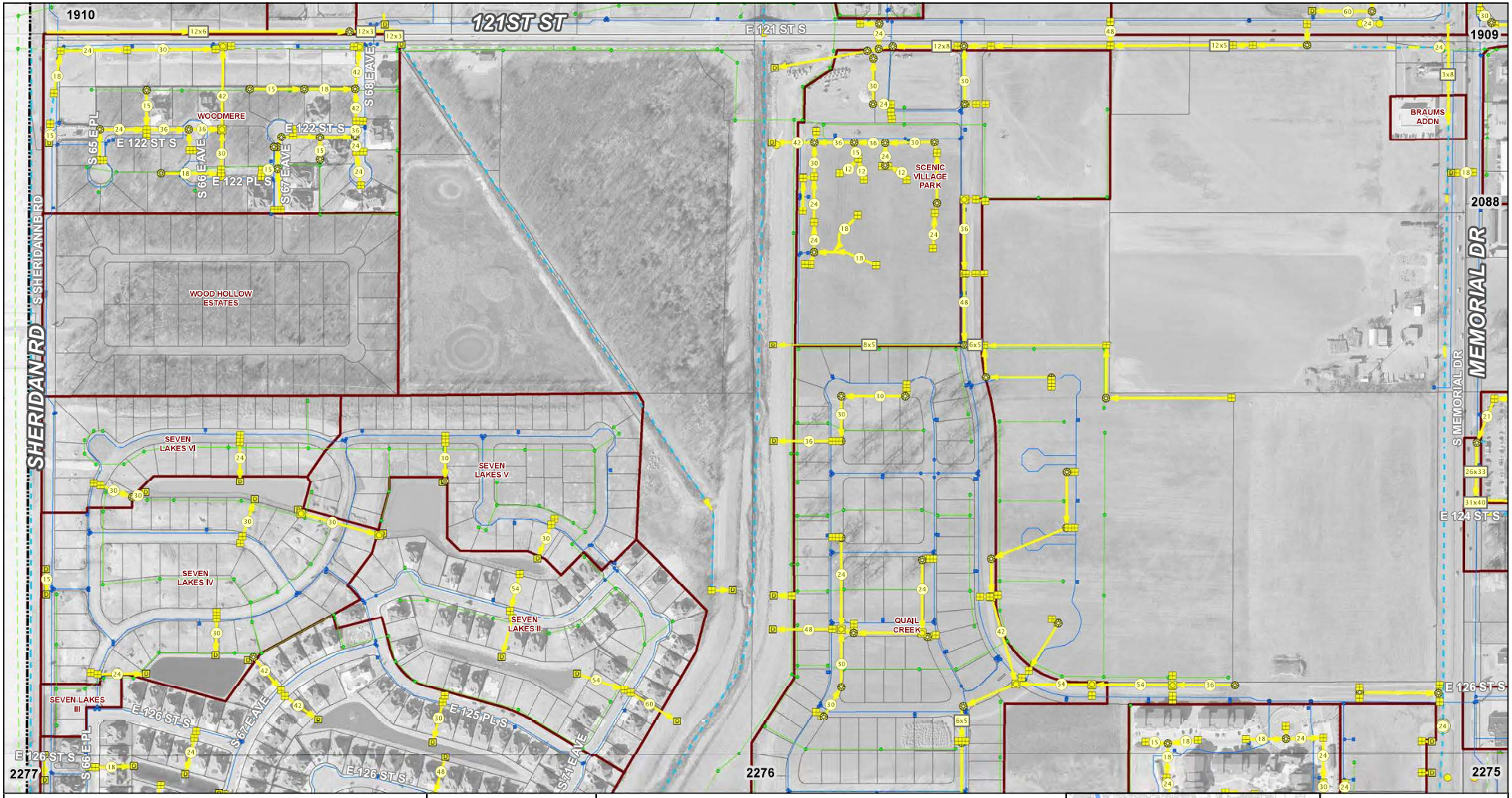
Base Map - 2014 Aerial



01-17N-13E

Panel Number

2088



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

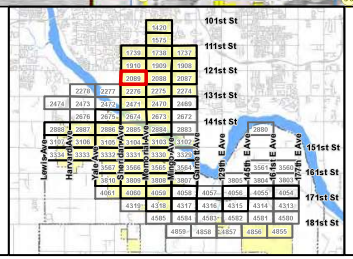
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

Base Map - 2014 Aerial



02-17N-13E

Panel Number

2089

City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

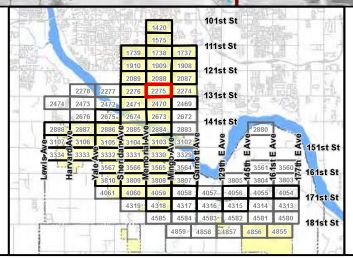
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

Base Map - 2014 Aerial



01-17N-13E

Panel Number

2275

City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

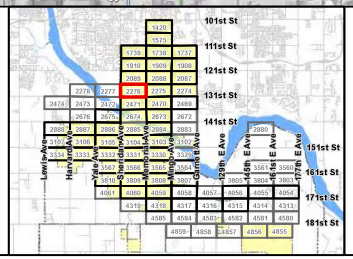
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

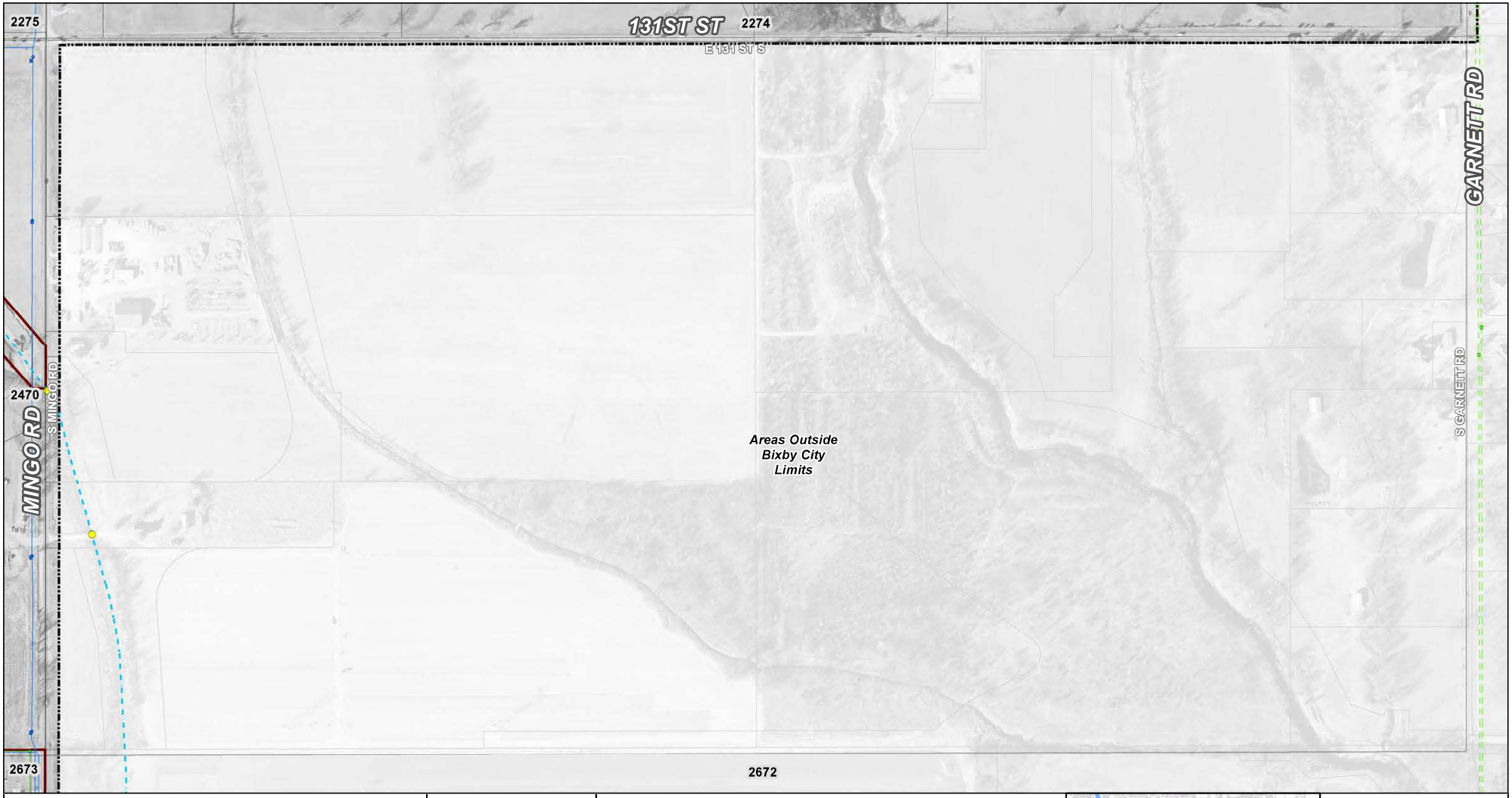
Base Map - 2014 Aerial



02-17N-13E

Panel Number

2276



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

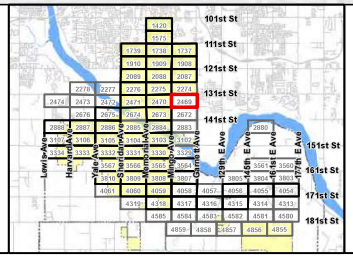
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

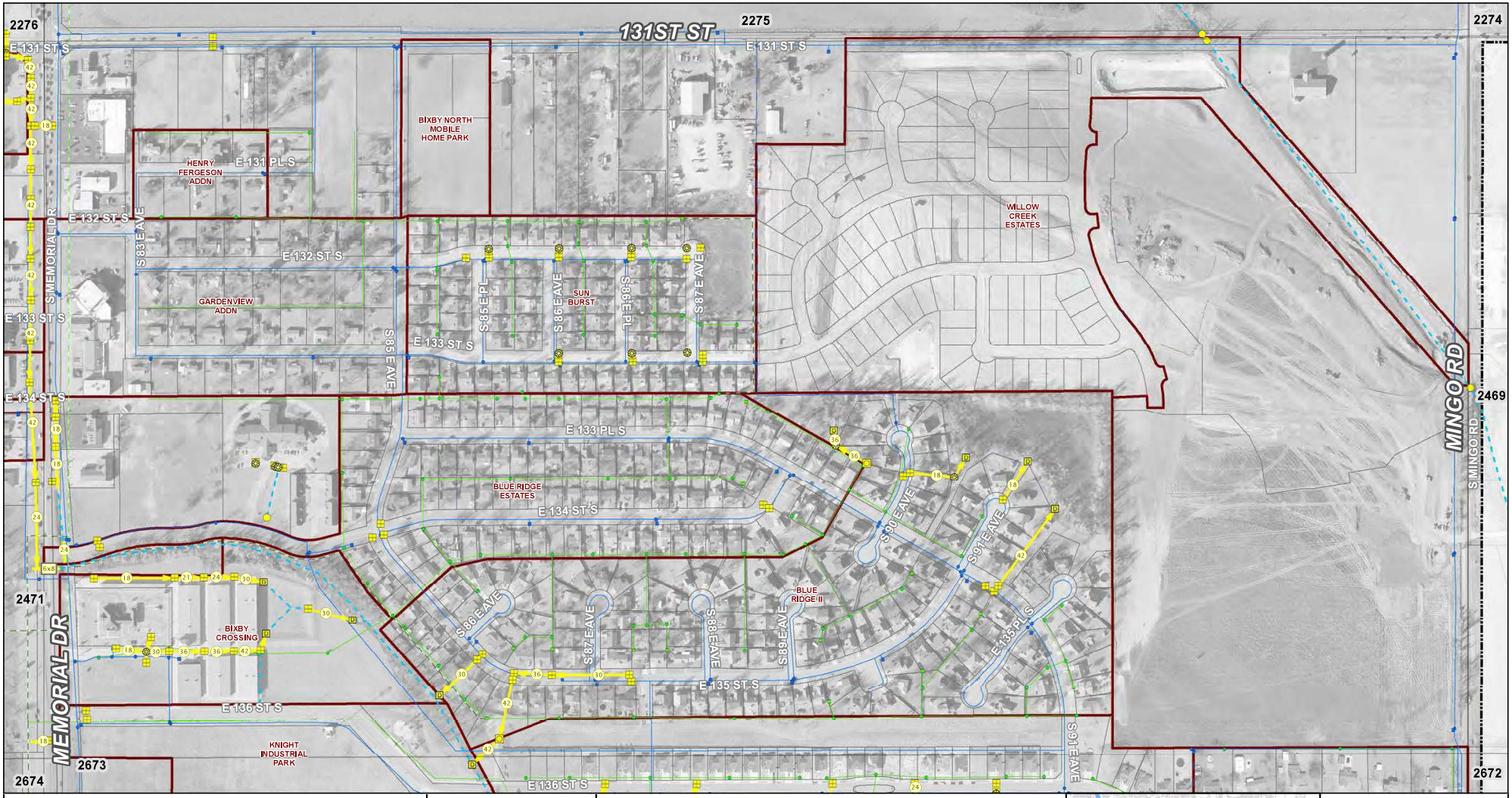
Base Map - 2014 Aerial



07-17N-14E

Panel Number

2469



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

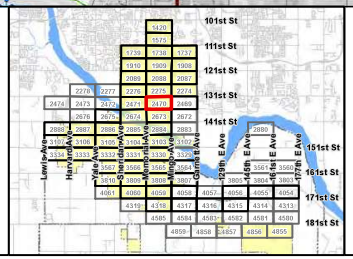
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

Base Map - 2014 Aerial



12-17N-13E

Panel Number

2470

City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

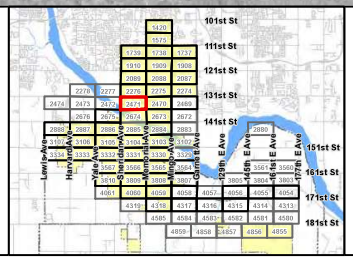
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

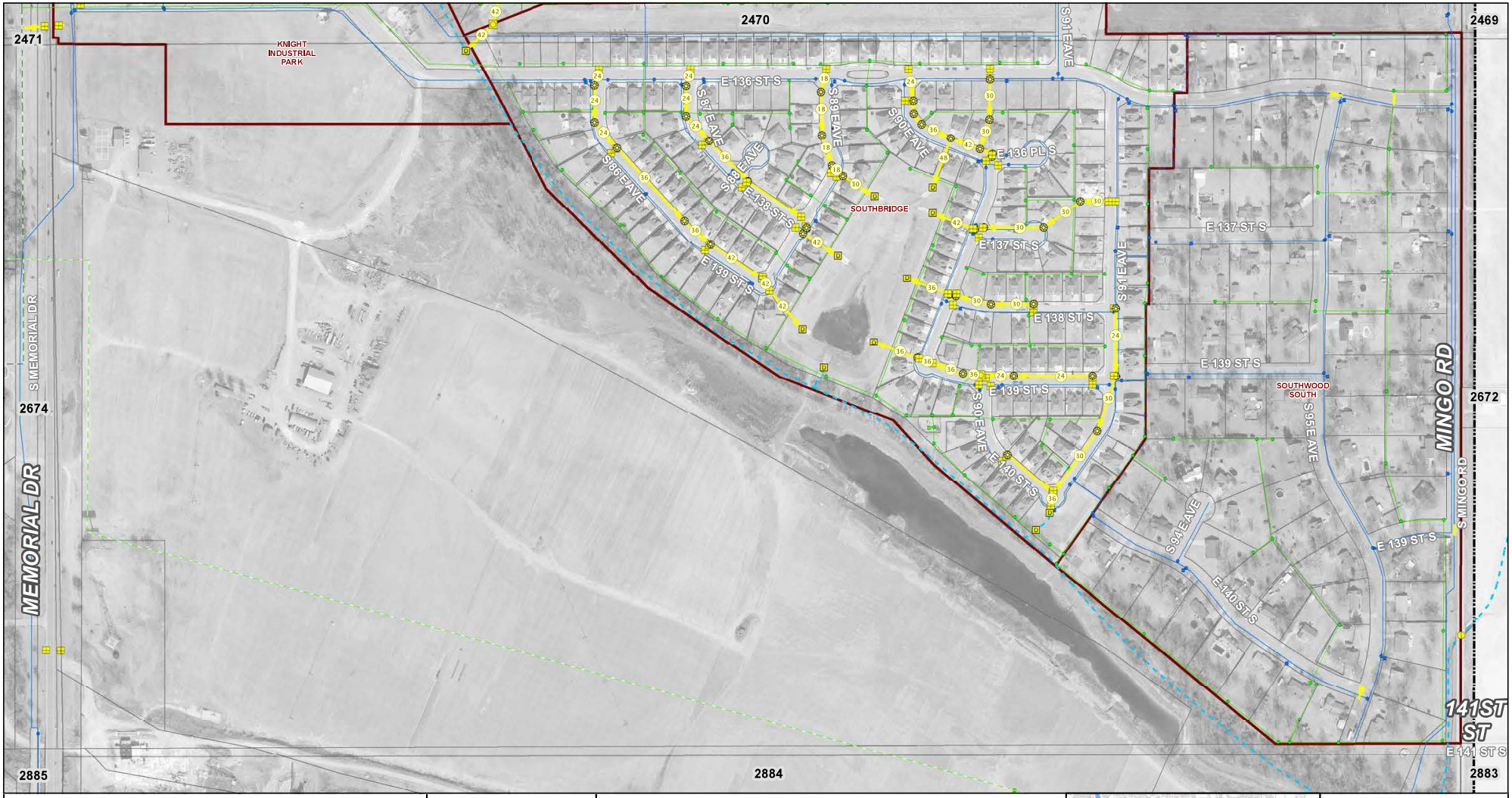
Base Map - 2014 Aerial



11-17N-13E

Panel Number

2471



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

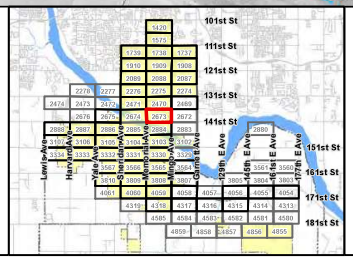
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

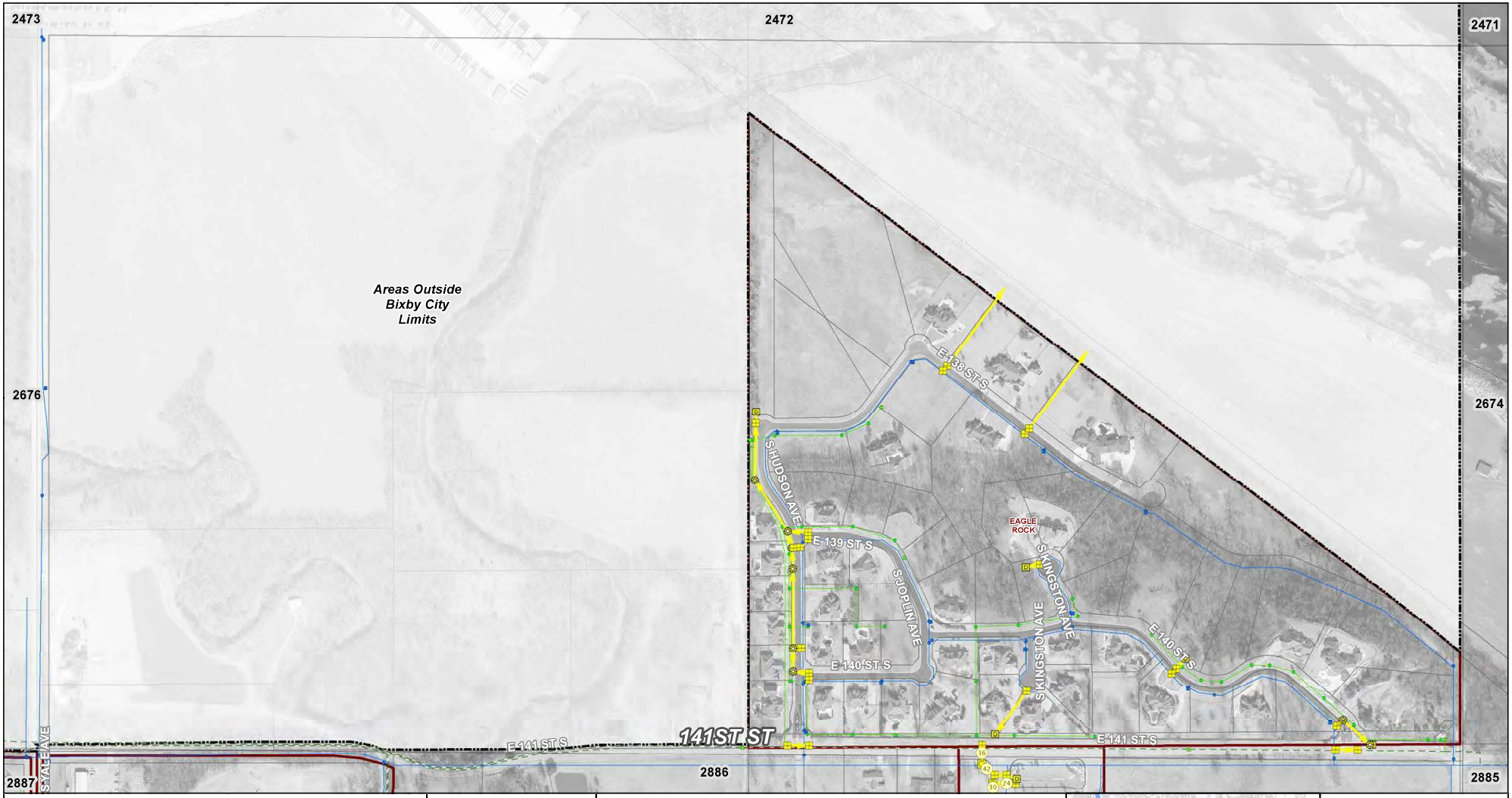
Base Map - 2014 Aerial



12-17N-13E

Panel Number

2673



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

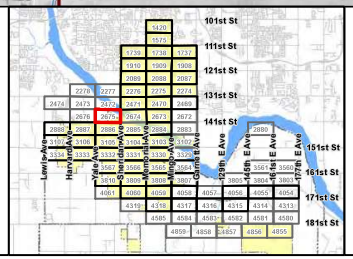
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

Base Map - 2014 Aerial



10-17N-13E

Panel Number

2675

City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

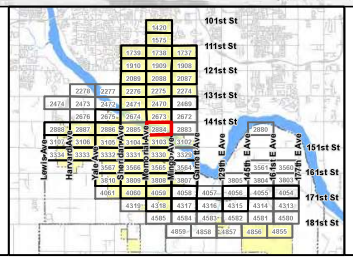
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

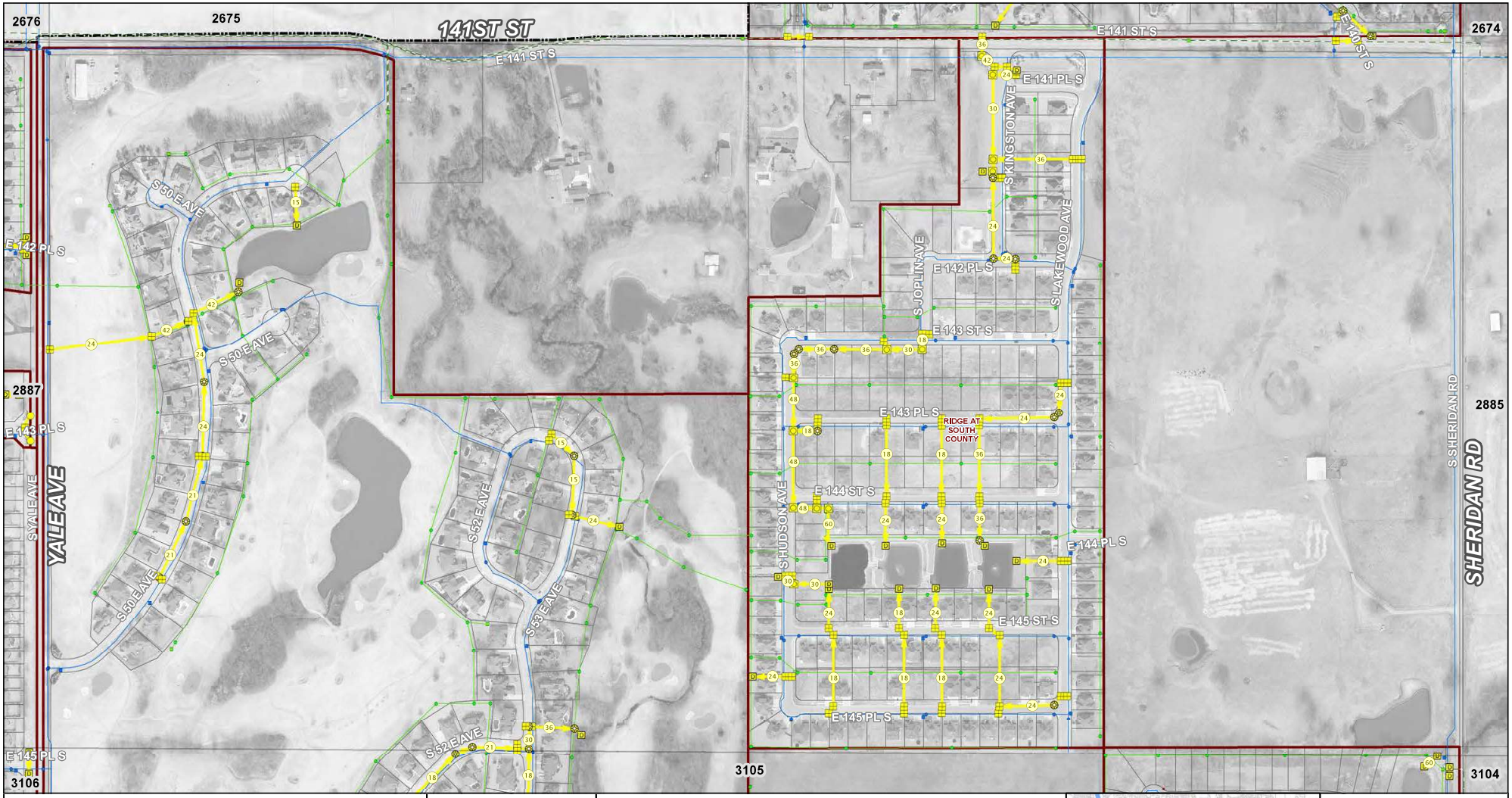
Base Map - 2014 Aerial



13-17N-13E

Panel Number

2884



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

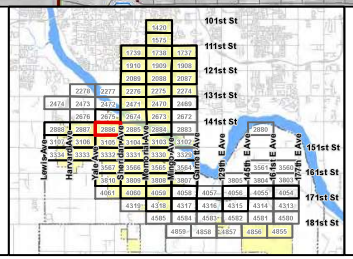
0 175 350 Feet

MESHEK & ASSOCIATES, LLC

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

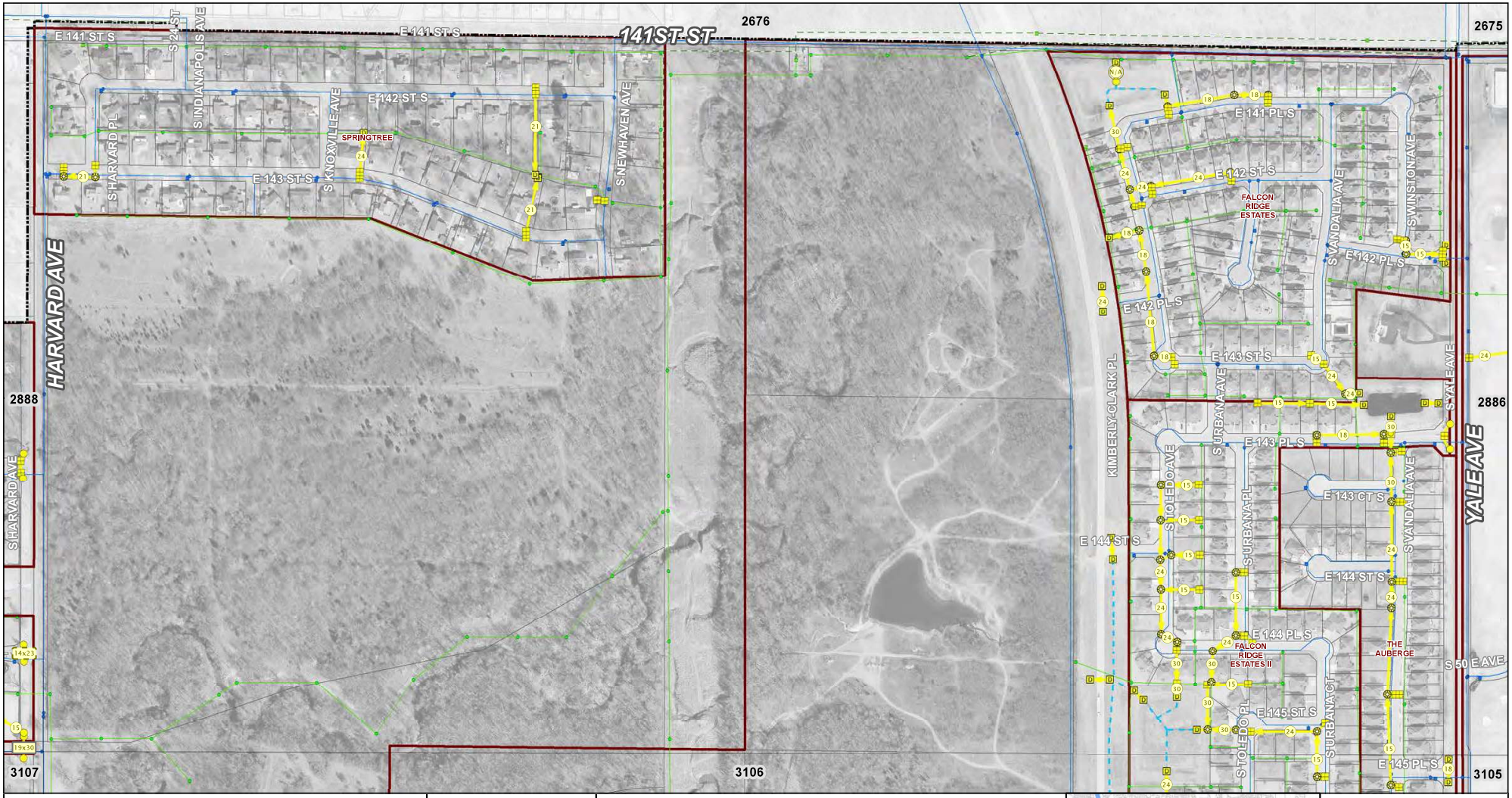
Base Map - 2014 Aerial



15-17N-13E

Panel Number

2886



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

0 175 350 Feet

MESHEK & ASSOCIATES

Storm Sewer Structures

- Inlet
- Manhole
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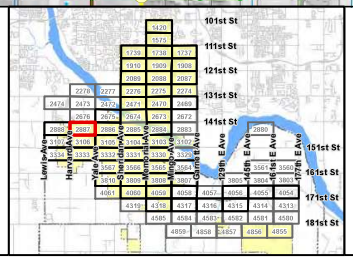
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other
- Base Map - 2014 Aerial



16-17N-13E

Panel Number

2887

City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

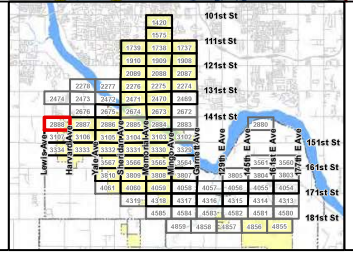
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

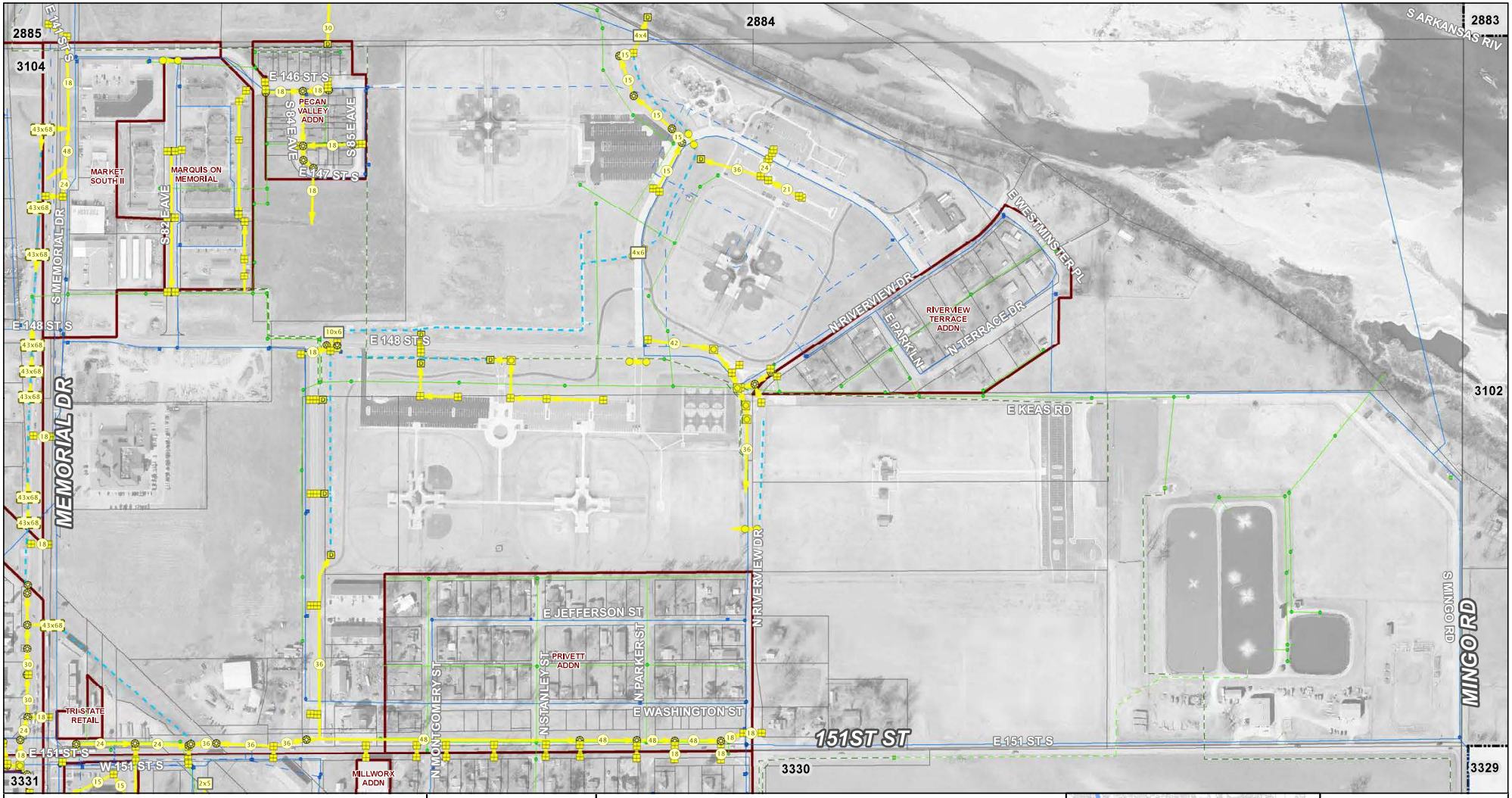
Base Map - 2014 Aerial



17-17N-13E

Panel Number

2888



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
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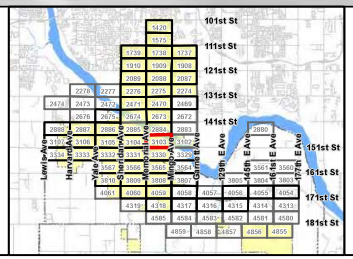
- Open System
- Unknown - Other

Base Map - 2014 Aerial



13-17N-13E

Panel Number

3103

City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

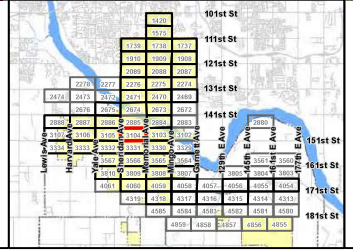
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

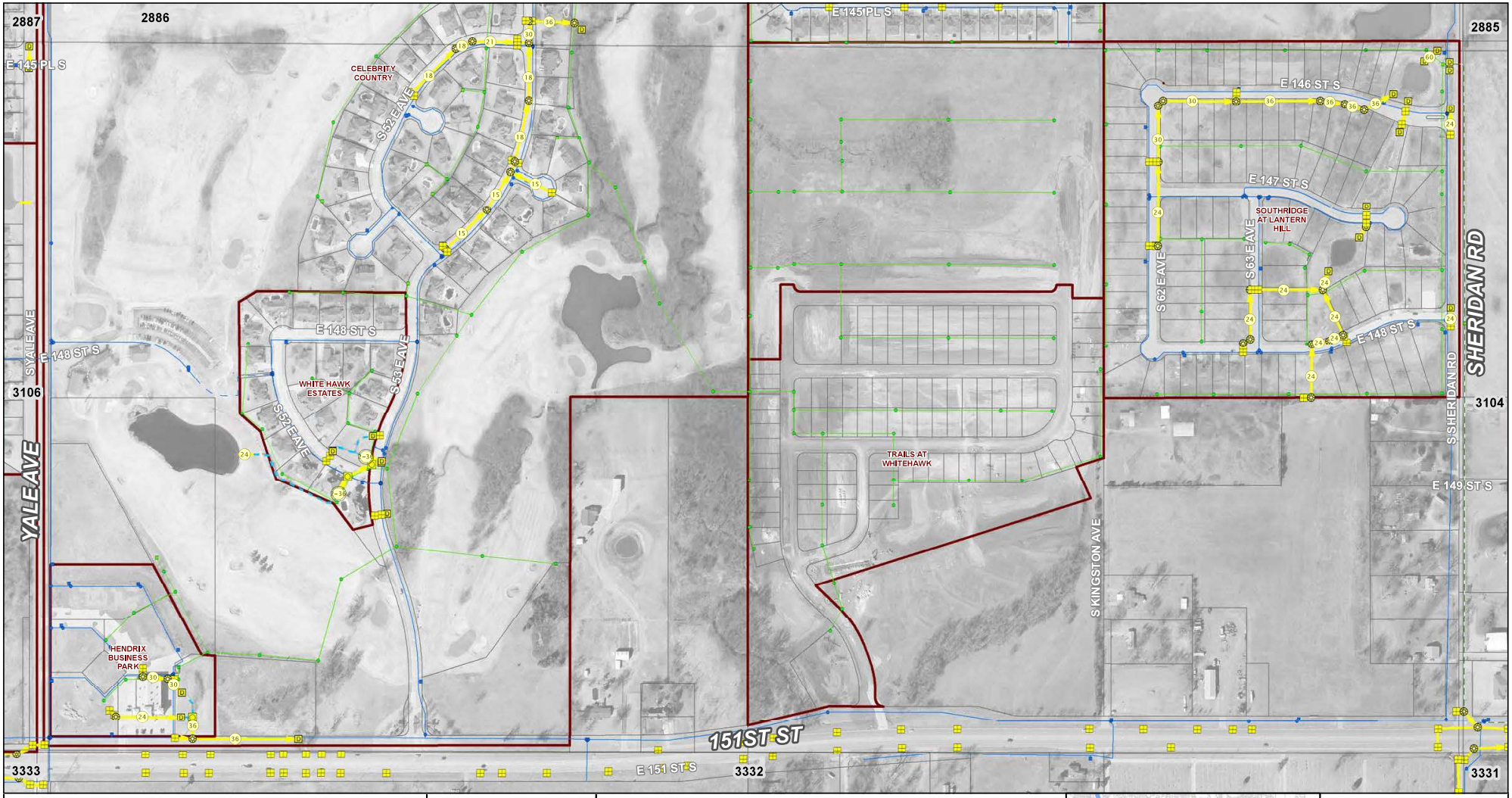
Base Map - 2014 Aerial



14-17N-13E

Panel Number

3104



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
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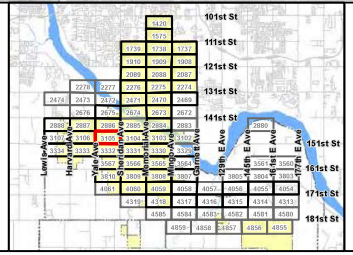
- Open System
- Unknown - Other

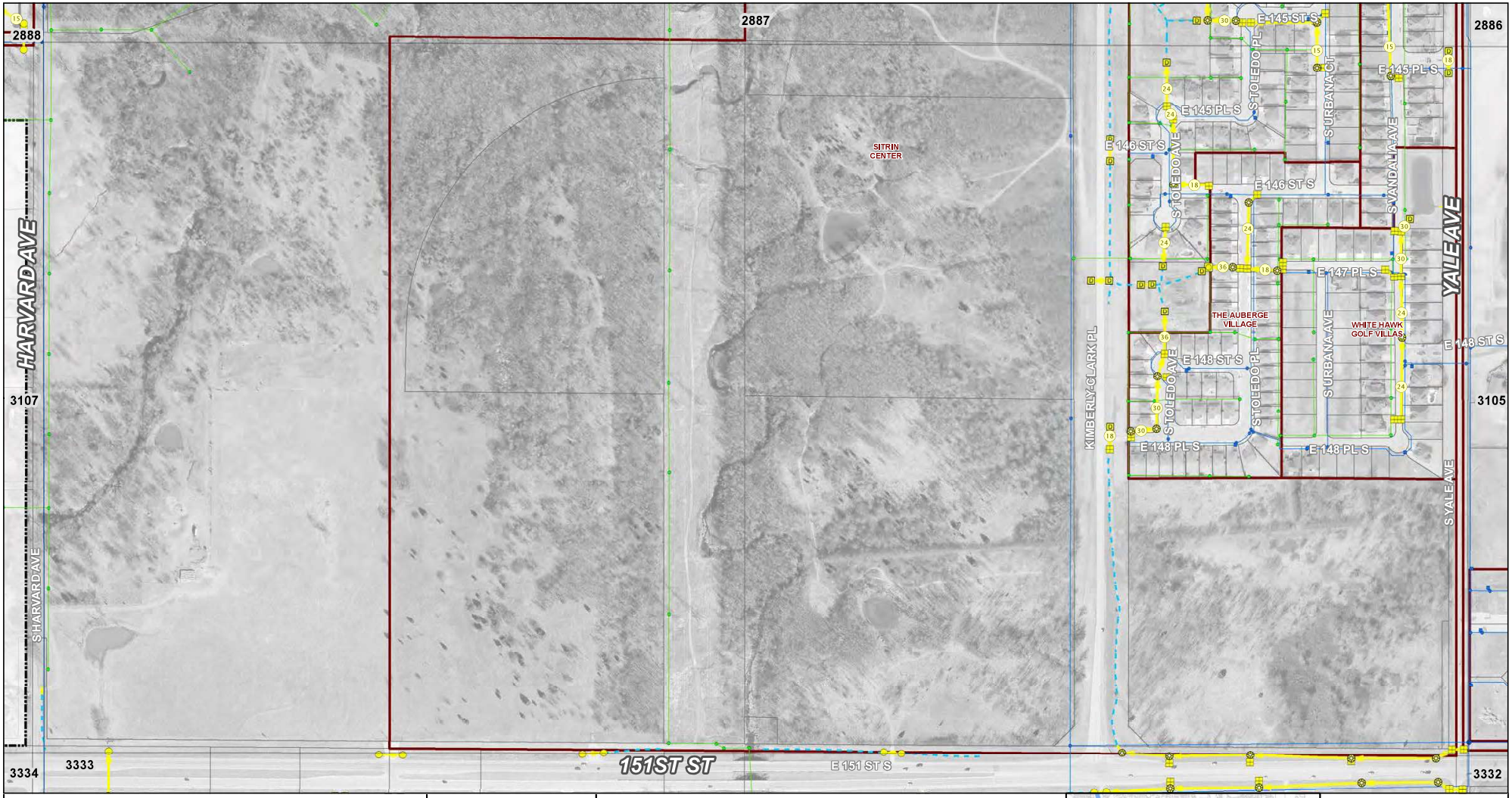
Base Map - 2014 Aerial



15-17N-13E

Panel Number

3105



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

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MESHEK

Storm Sewer Structures

- Inlet
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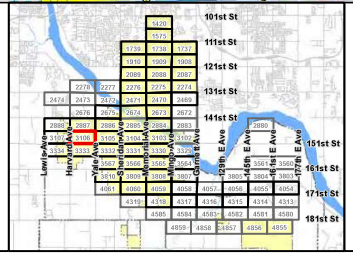
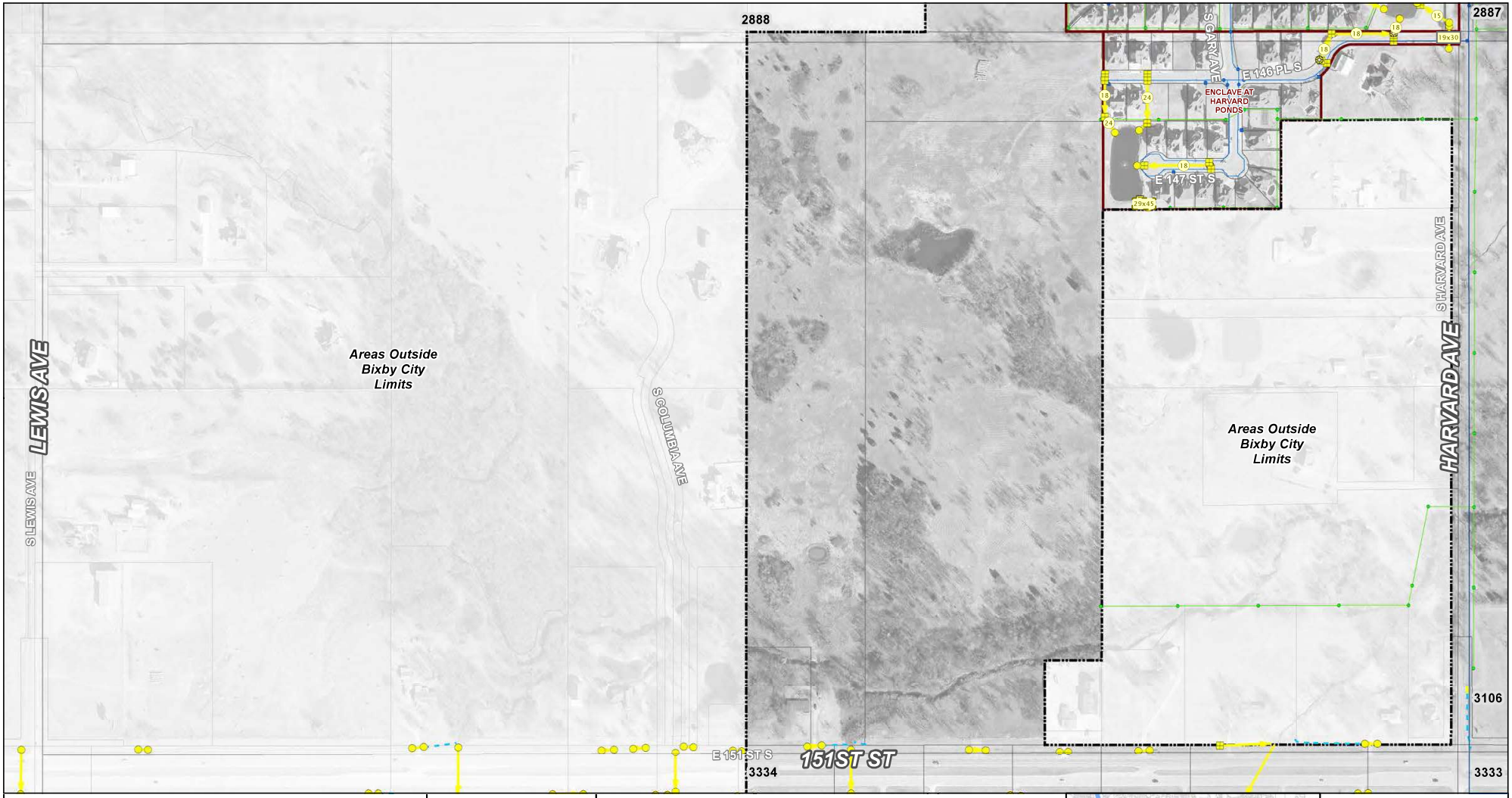
Base Map - 2014 Aerial



16-17N-13E

Panel Number

3106



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

0 175 350 Feet

MESHEK

Storm Sewer Structures

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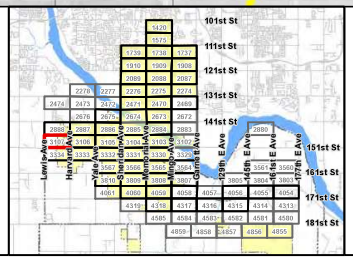
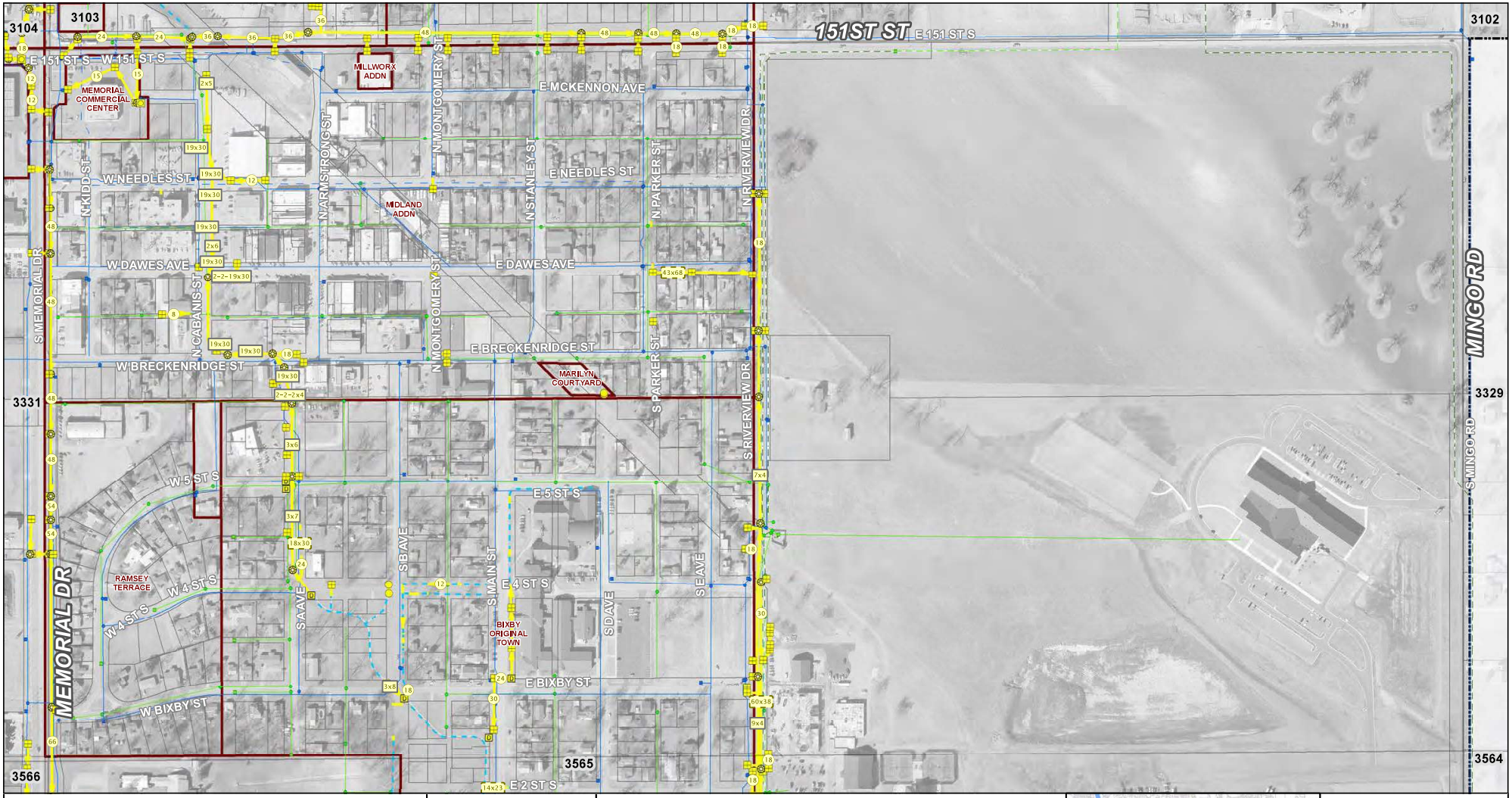
Base Map - 2014 Aerial



17-17N-13E

Panel Number

3107



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
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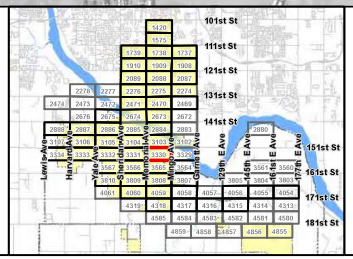
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

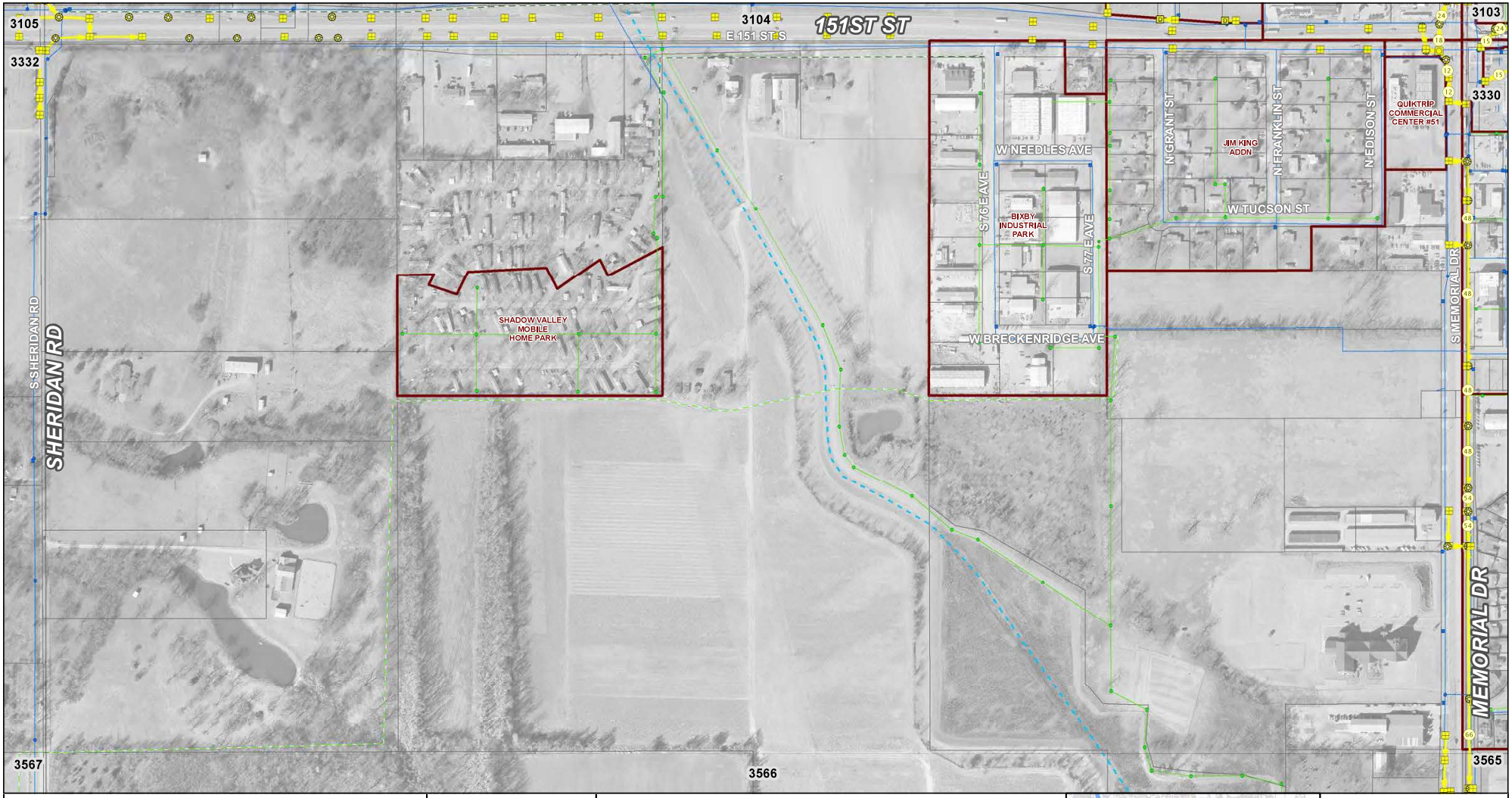
Base Map - 2014 Aerial



24-17N-13E

Panel Number

3330



City of Bixby Stormwater Atlas

Map Date: May 2016

N

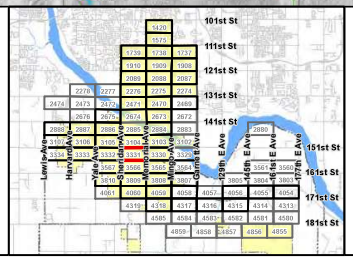
1 inch = 350 feet

0 175 350 Feet

MESHEK

Storm Sewer Structures

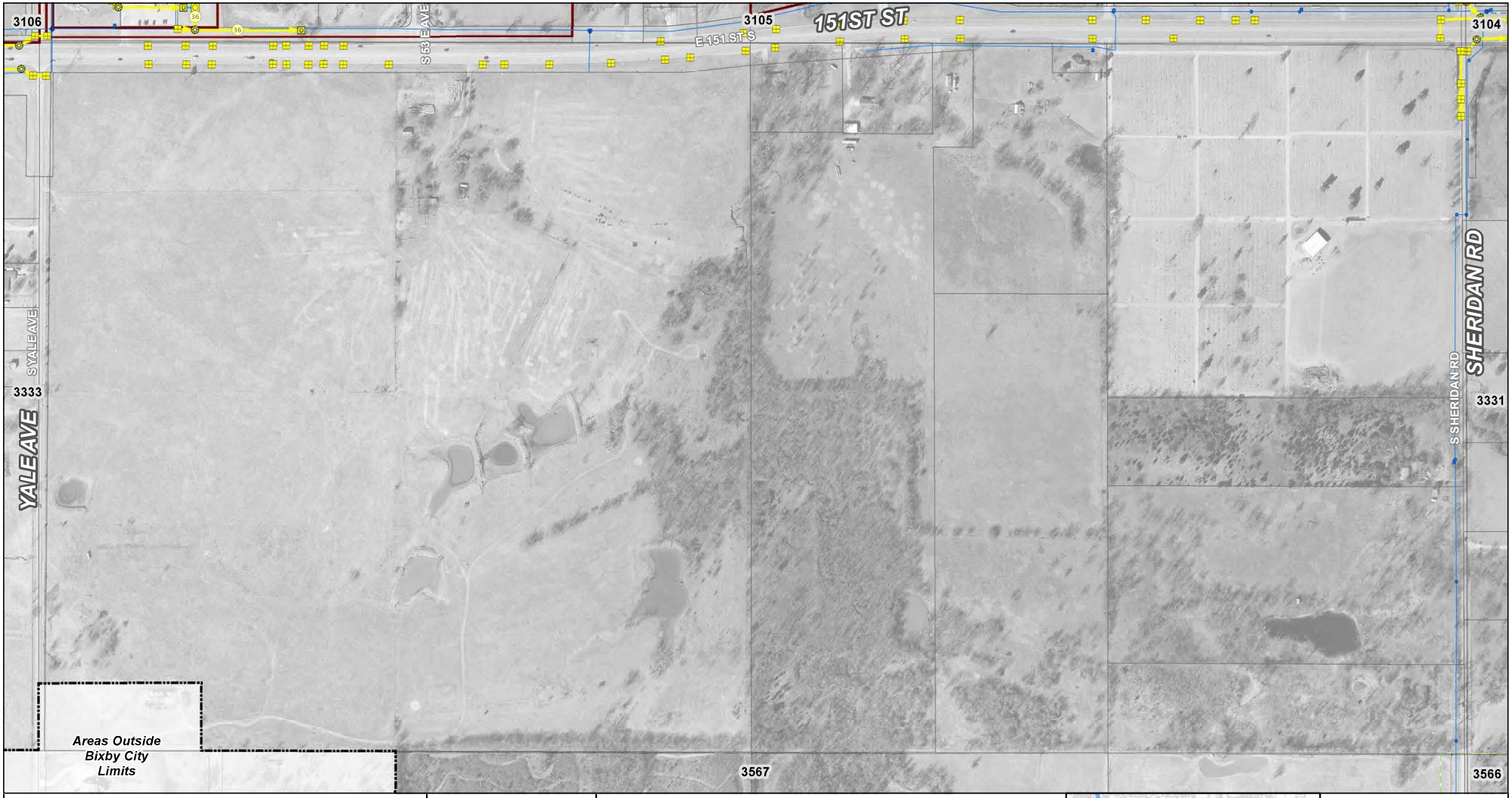
- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other
- Base Map - 2014 Aerial



23-17N-13E

Panel Number

3331



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

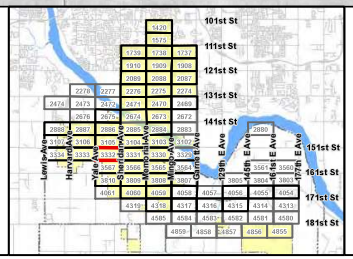
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

Base Map - 2014 Aerial



22-17N-13E

Panel Number

3332

City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

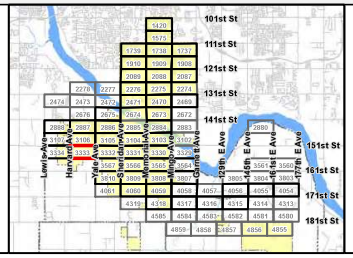
0 175 350 Feet

MESHEK & ASSOCIATES, LLC

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

Base Map - 2014 Aerial



21-17N-13E

Panel Number

3333

City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

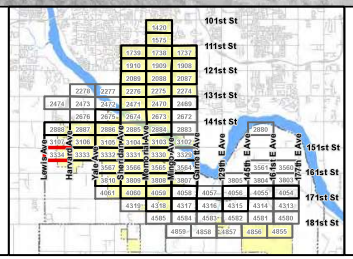
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

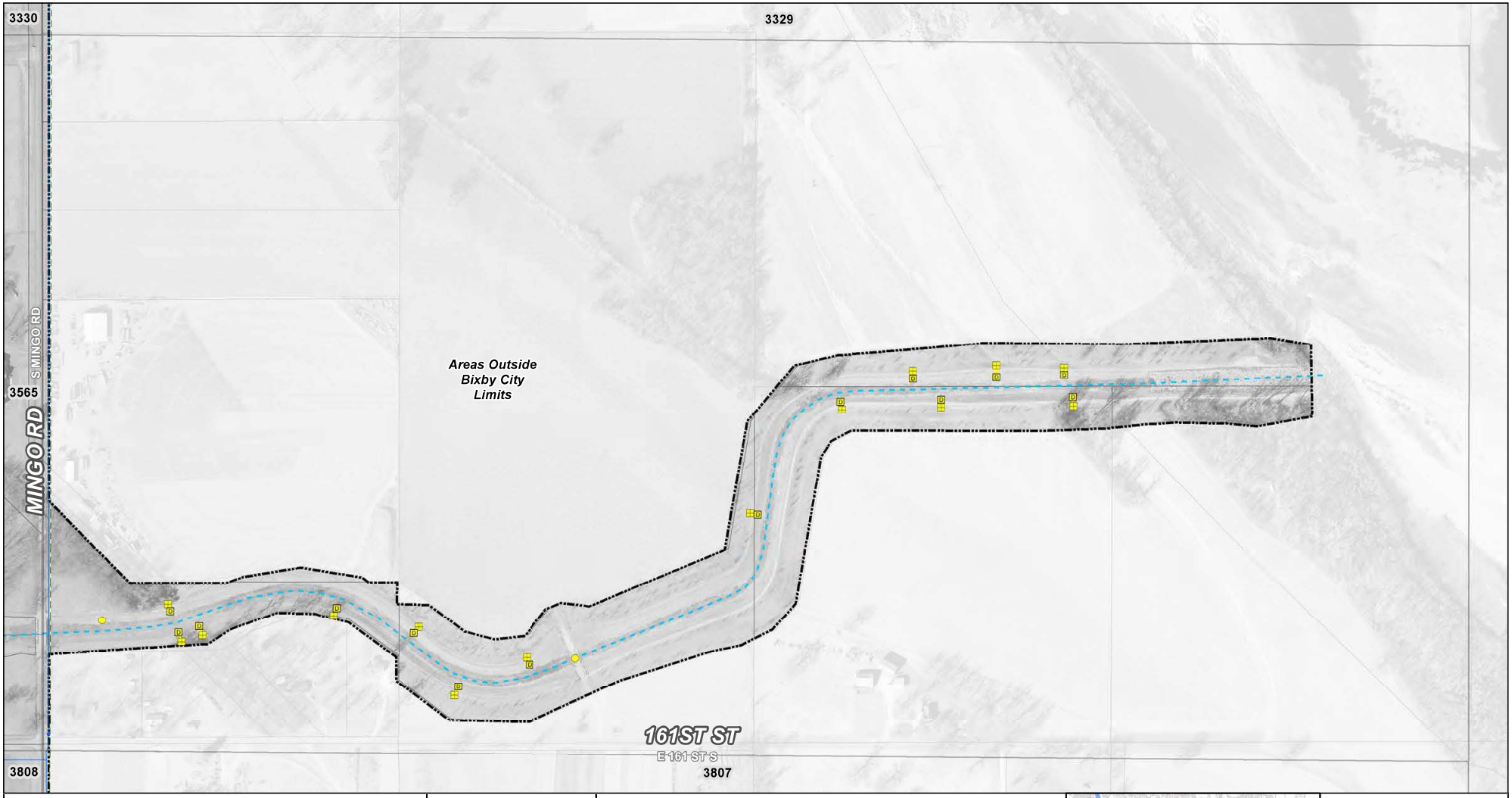
Base Map - 2014 Aerial



20-17N-13E

Panel Number

3334



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

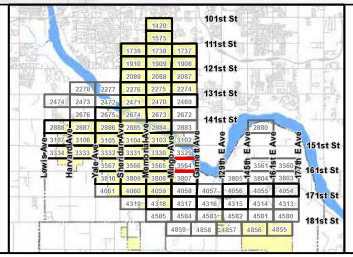
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

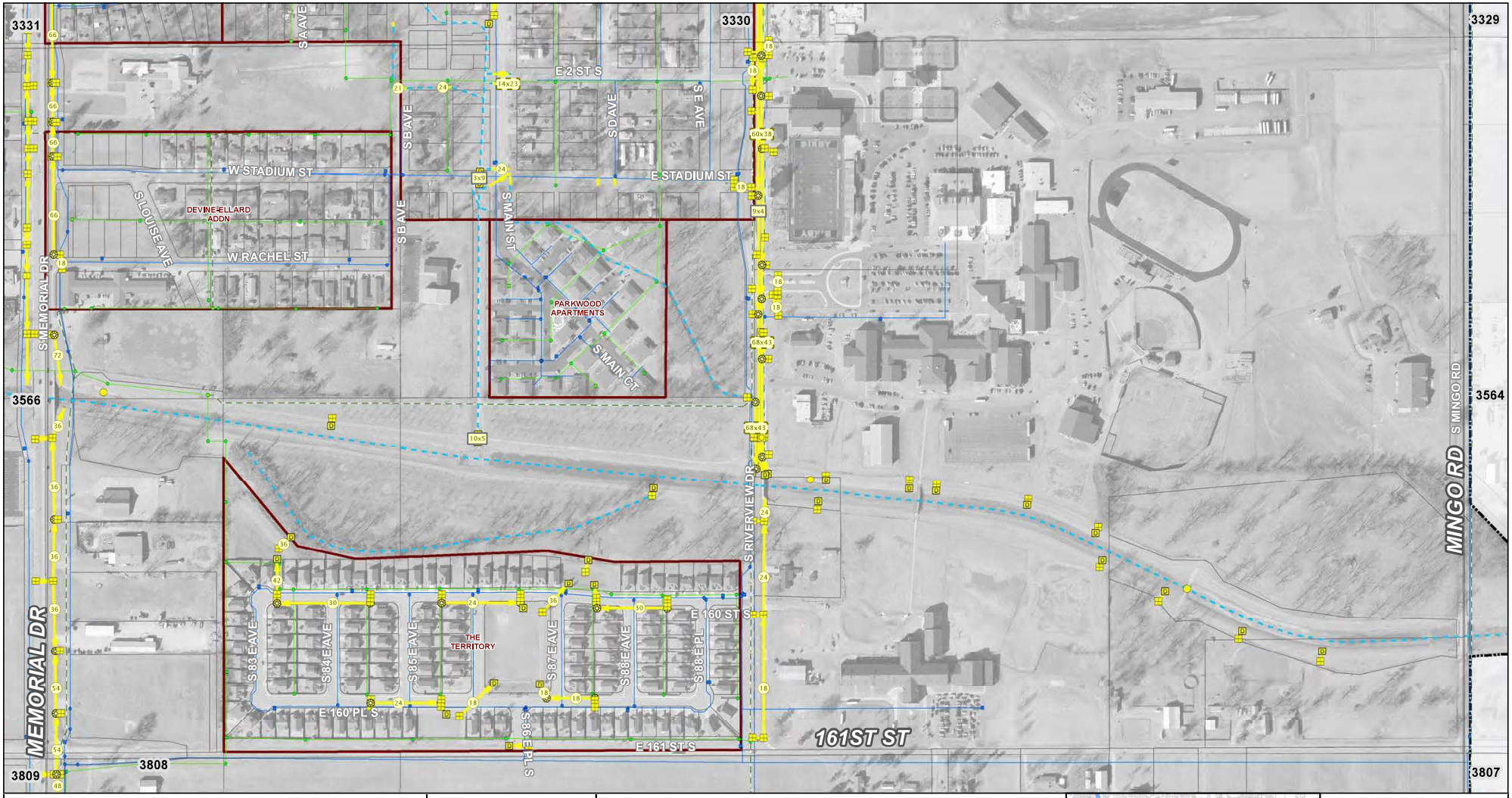
Base Map - 2014 Aerial



19-17N-14E

Panel Number

3564



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
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- Junction Box
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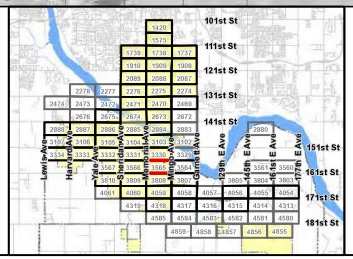
- Closed System
- Open System
- Unknown - Other

Base Map - 2014 Aerial



24-17N-13E

Panel Number

3565

City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
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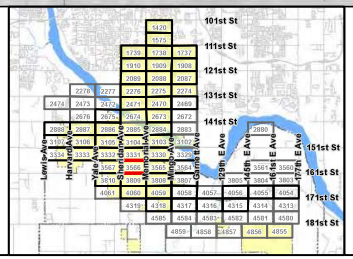
Base Map - 2014 Aerial



23-17N-13E

Panel Number

3566

City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

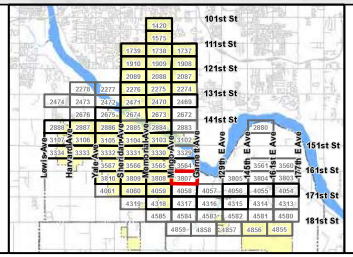
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

Base Map - 2014 Aerial



30-17N-14E

Panel Number

3807

City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
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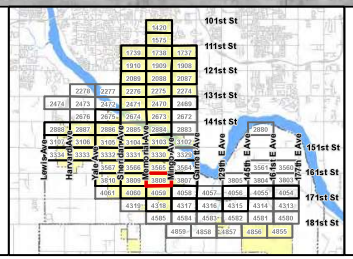
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

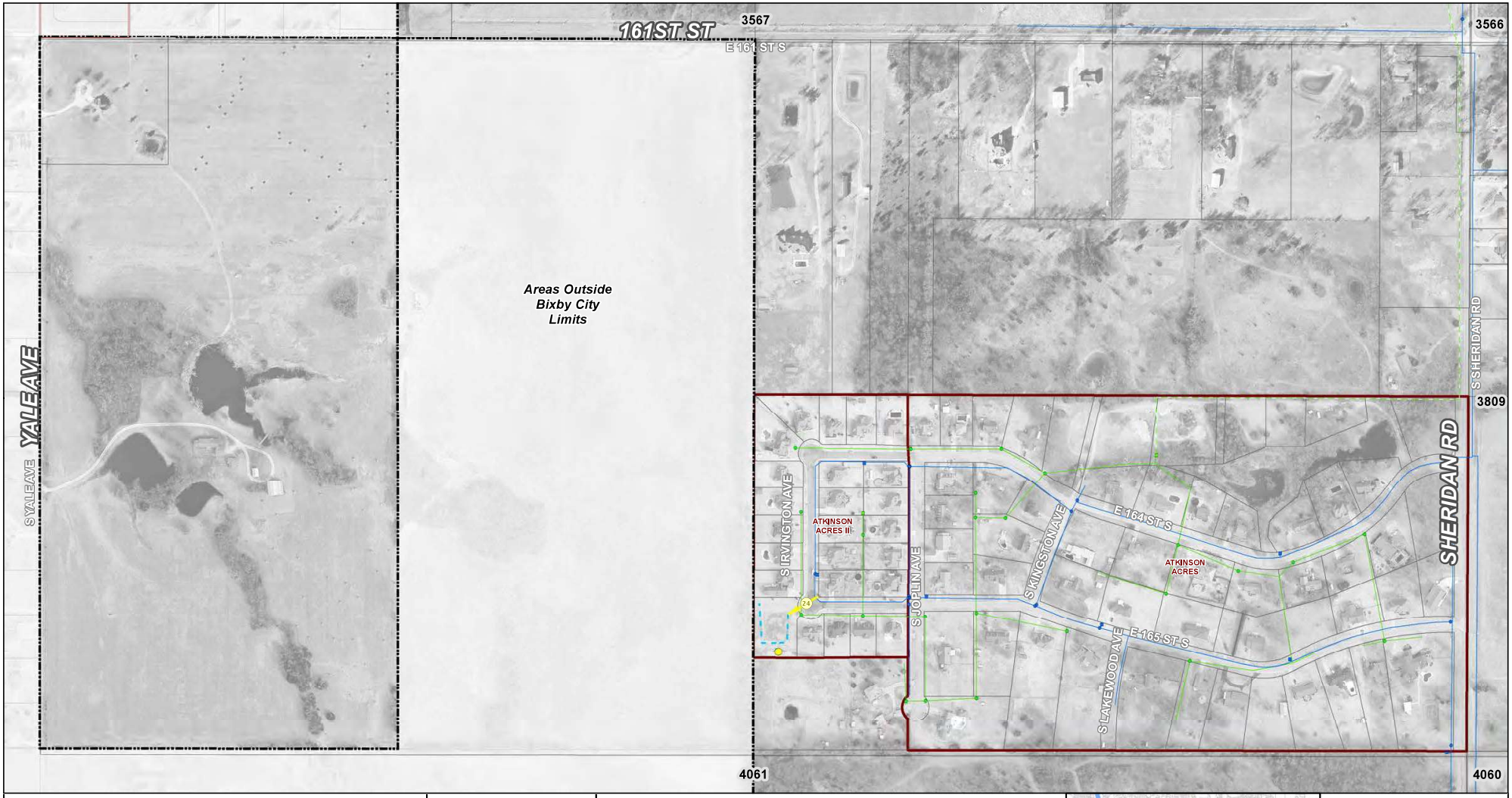
Base Map - 2014 Aerial



25-17N-13E

Panel Number

3808



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
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- Junction Box
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- Open System
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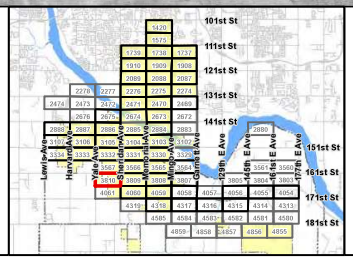
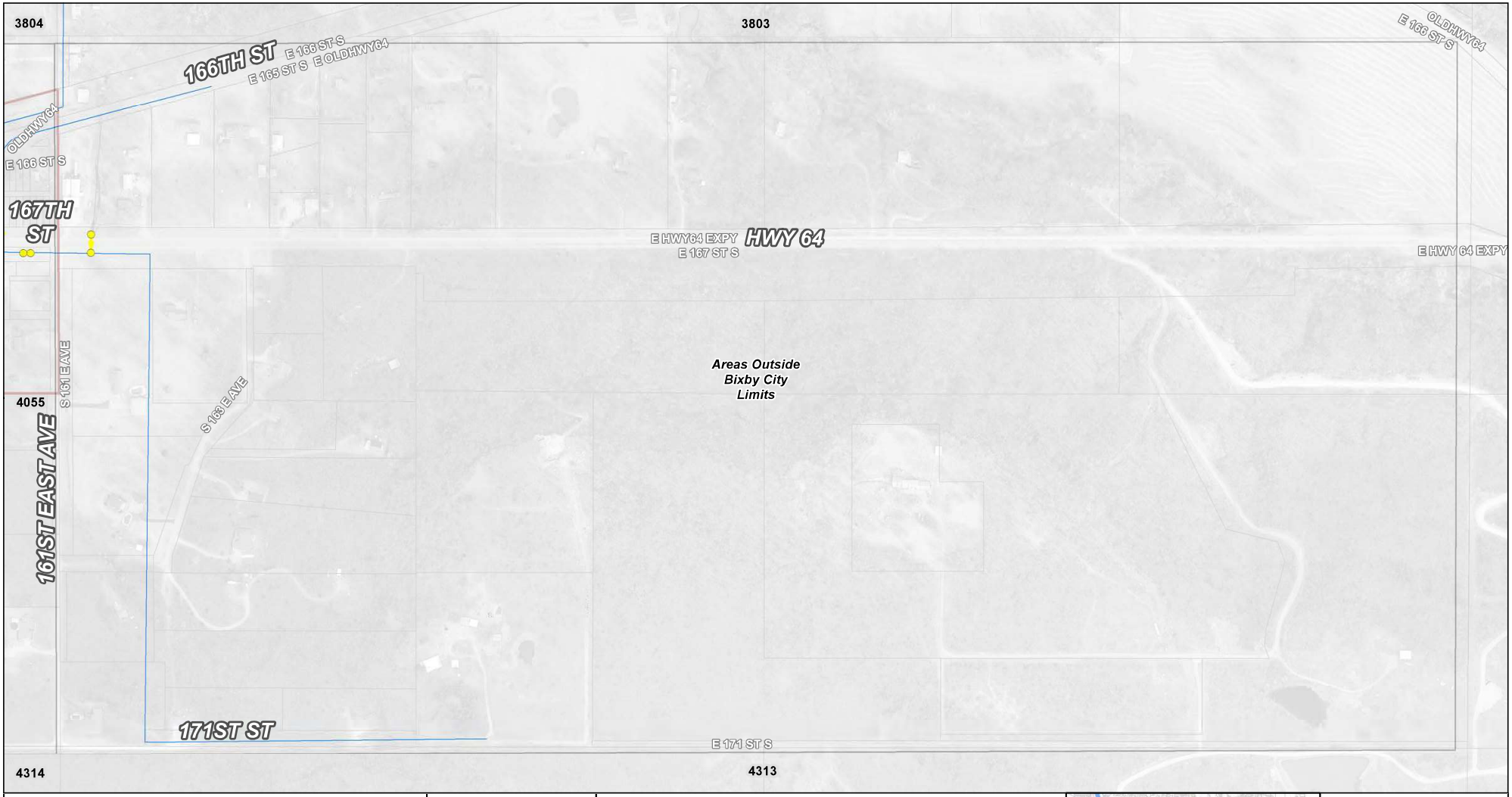
Base Map - 2014 Aerial



27-17N-13E

Panel Number

3810



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
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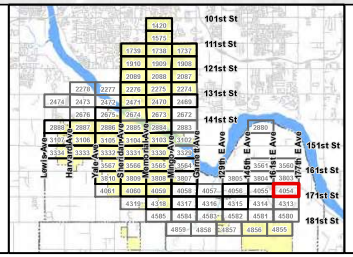
- Unknown - Other

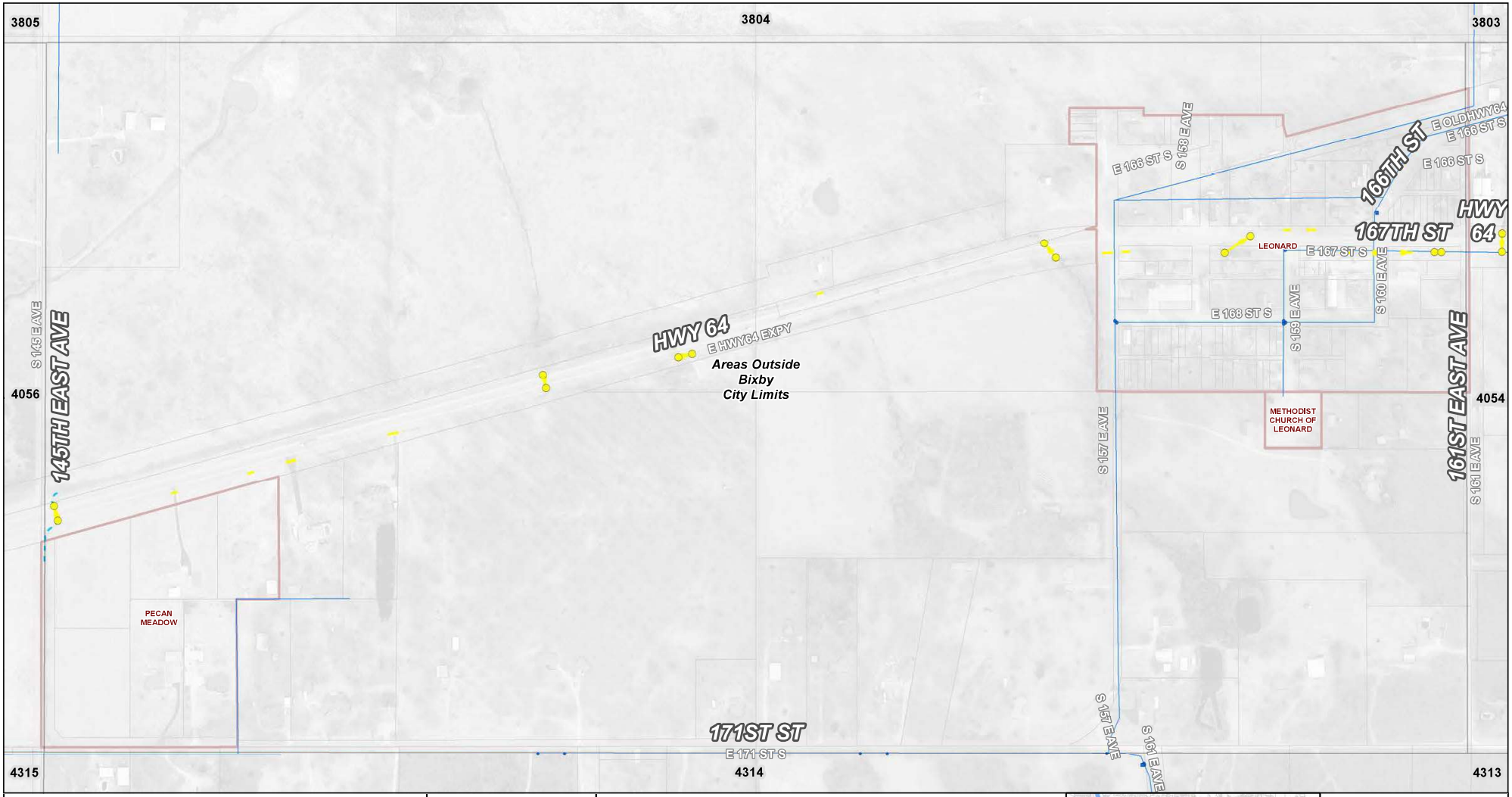
Base Map - 2014 Aerial



26-17N-14E

Panel Number

4054



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
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- Closed System
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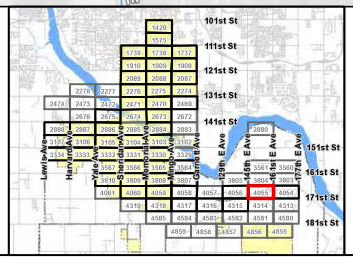
- Unknown - Other

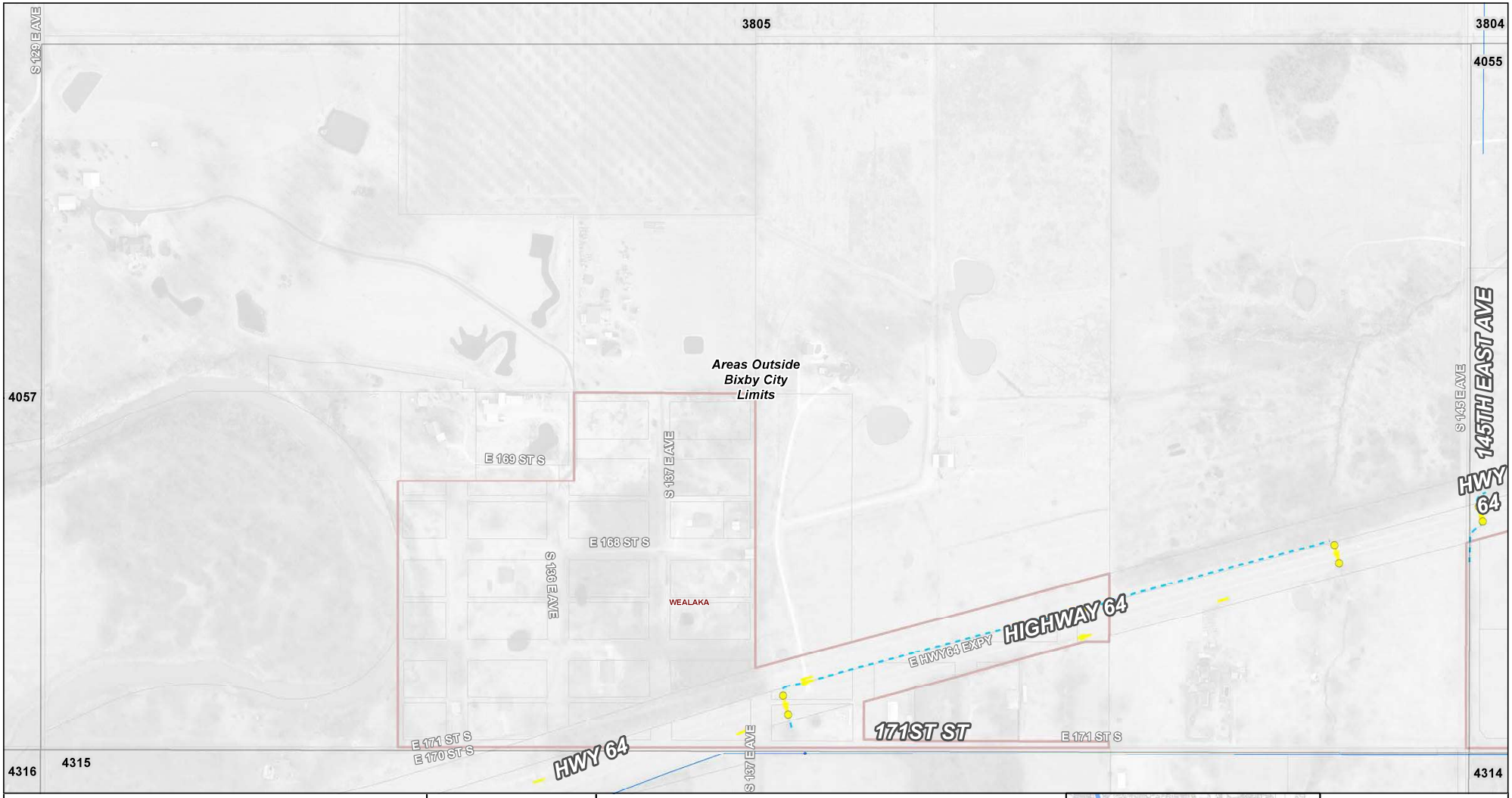
Base Map - 2014 Aerial



27-17N-14E

Panel Number

4055



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
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- Junction Box
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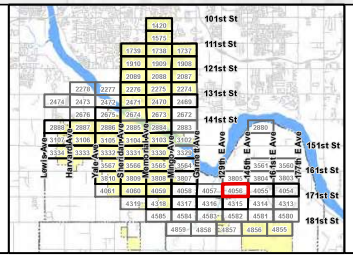
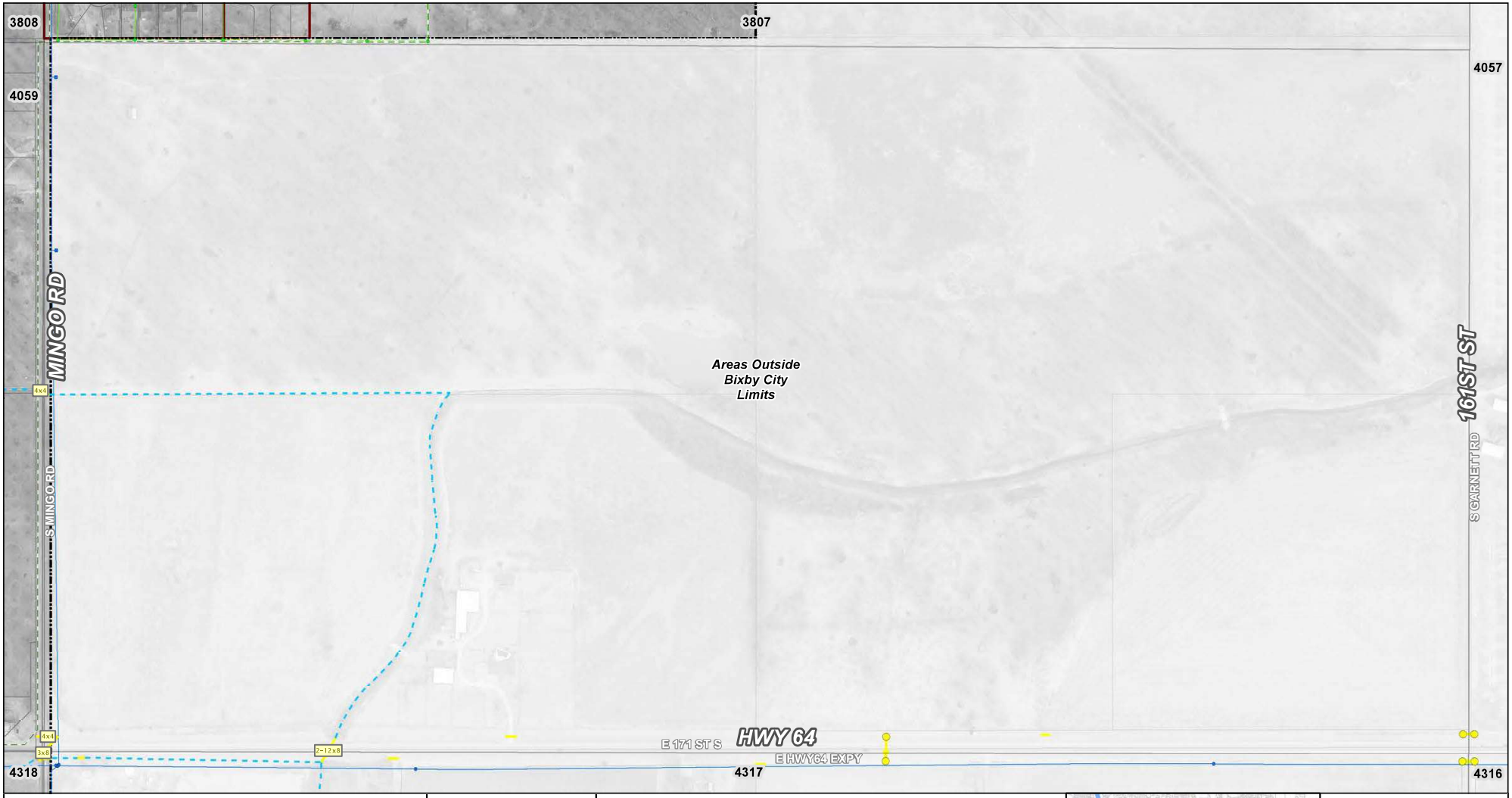
Base Map - 2014 Aerial



28-17N-14E

Panel Number

4056



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
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- Junction Box
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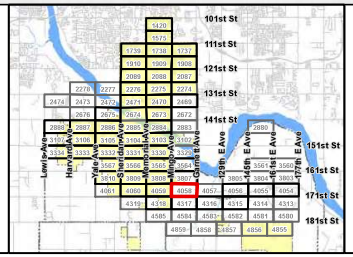
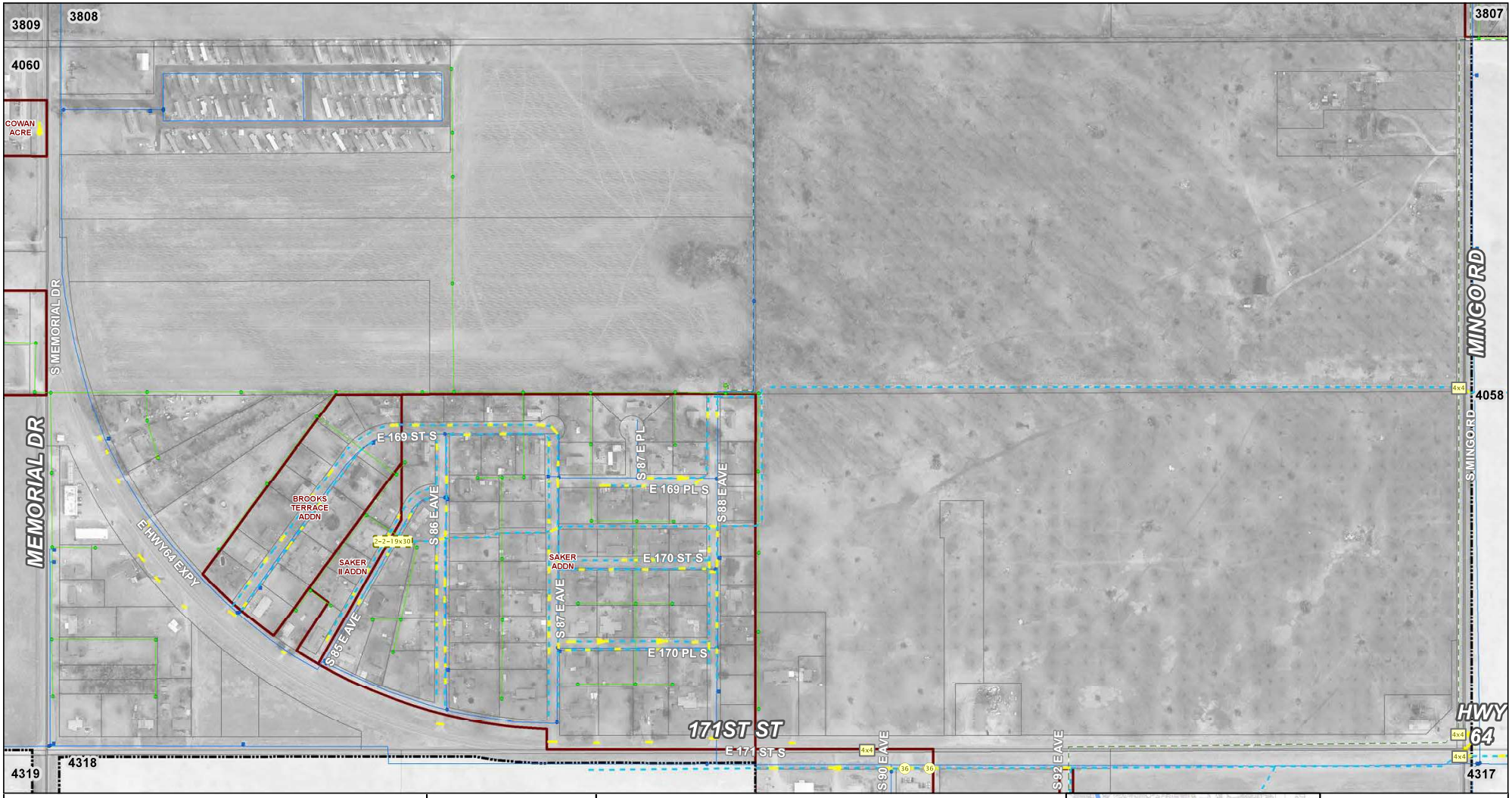
Base Map - 2014 Aerial



30-17N-14E

Panel Number

4058



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
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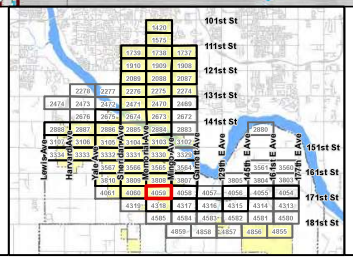
- Unknown - Other

Base Map - 2014 Aerial



25-17N-13E

Panel Number

4059

City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

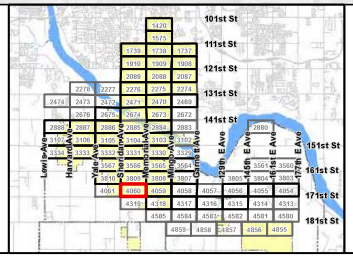
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

Base Map - 2014 Aerial



26-17N-13E

Panel Number

4060

City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

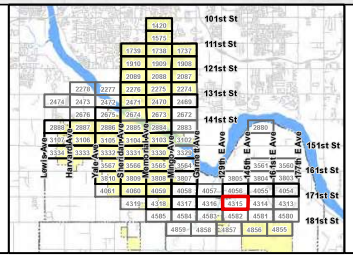
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

Base Map - 2014 Aerial



33-17N-14E

Panel Number

4315

City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

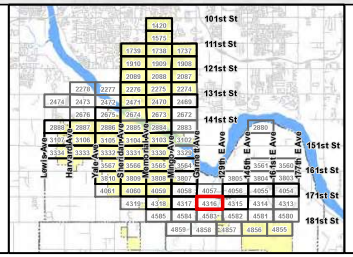
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

Base Map - 2014 Aerial



32-17N-14E

Panel Number

4316

City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

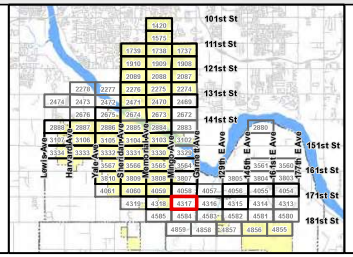
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

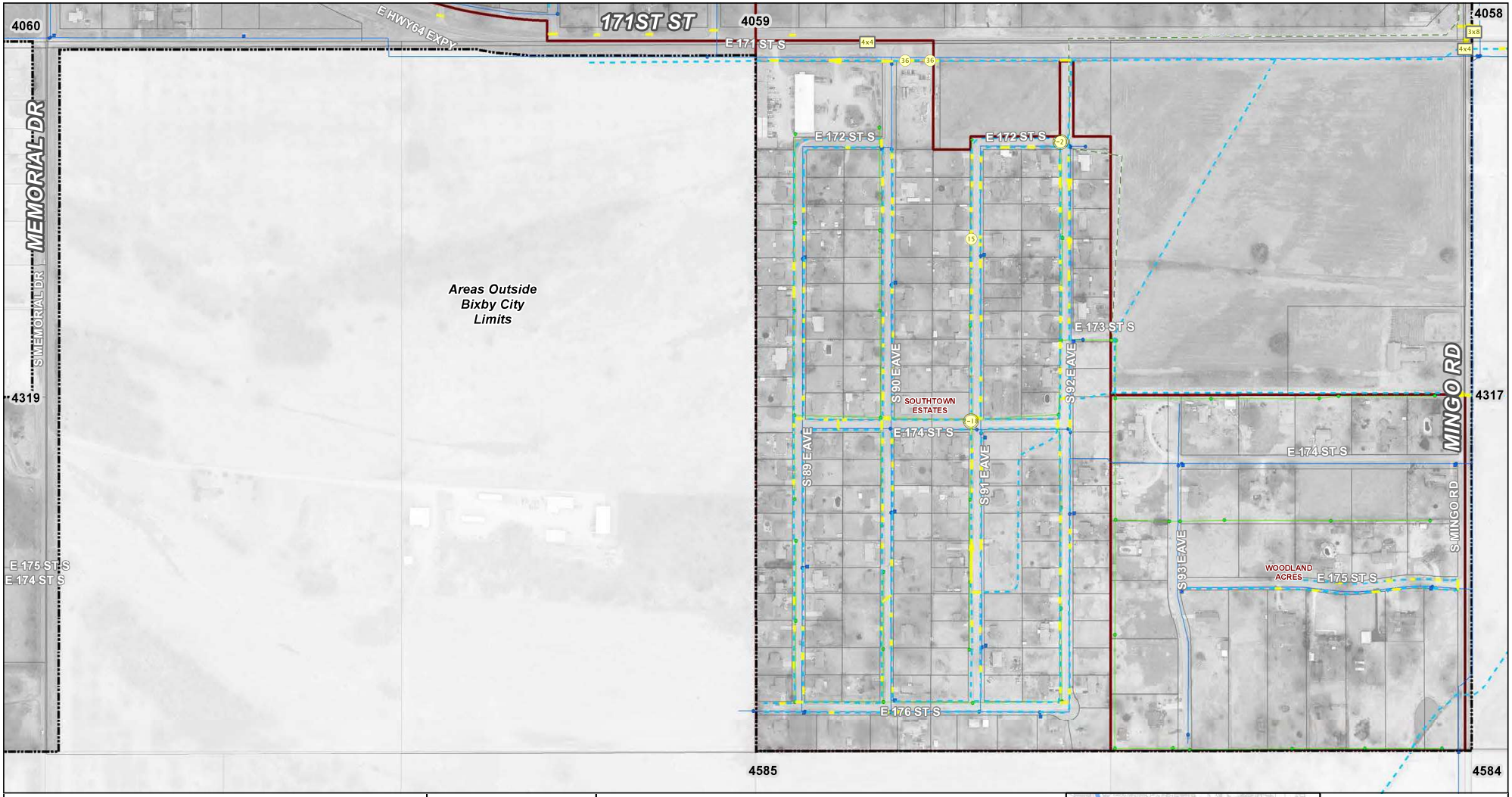
Base Map - 2014 Aerial



31-17N-14E

Panel Number

4317



City of Bixby Stormwater Atlas

Map Date: May 2016

N

1 inch = 350 feet

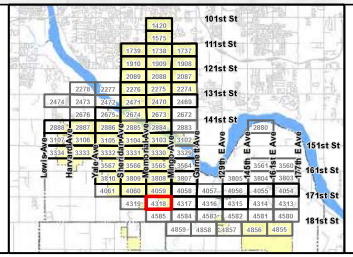
0 175 350 Feet

MESHEK

Storm Sewer Structures

- Inlet
- Manhole
- Outfall
- Junction Box
- Other Structure
- Closed System
- Open System
- Unknown - Other

Base Map - 2014 Aerial



36-17N-13E

Panel Number

4318