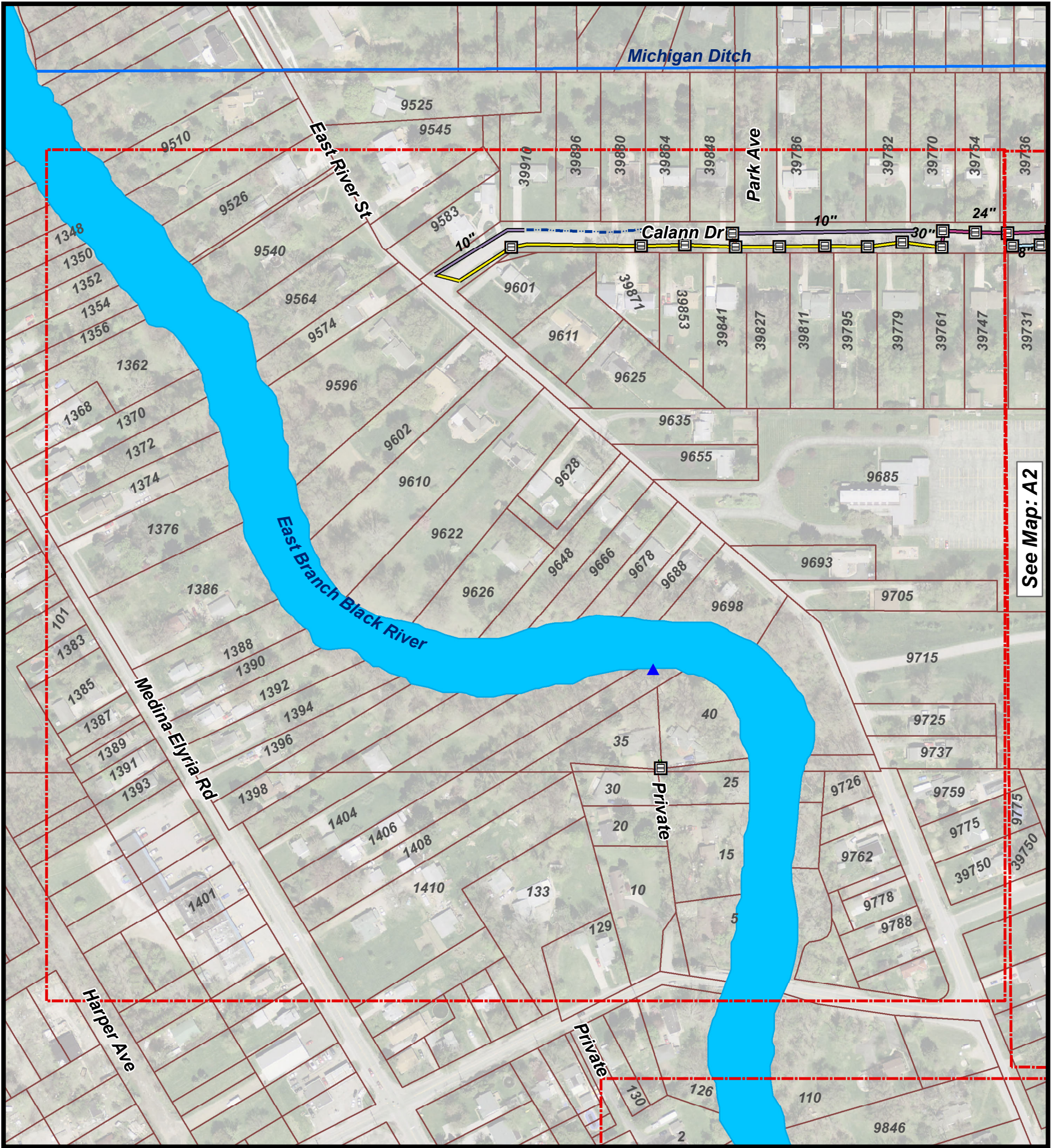


# **LORAIN COUNTY MS4 FACILITIES**

## **CARLISLE TOWNSHIP** 2015







**Lorain County MS4 Facilities**  
**Carlisle Township**  
**Grid ID: A1**

**Legend**

Grid\_Carlisle\_9\_15

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

Unknown

<8"

8"

10"

12"

14"through 16"

18"

20" through 24"

27 " through 33" "

36

42

>42"

This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes.  
Data Collected Y2013.

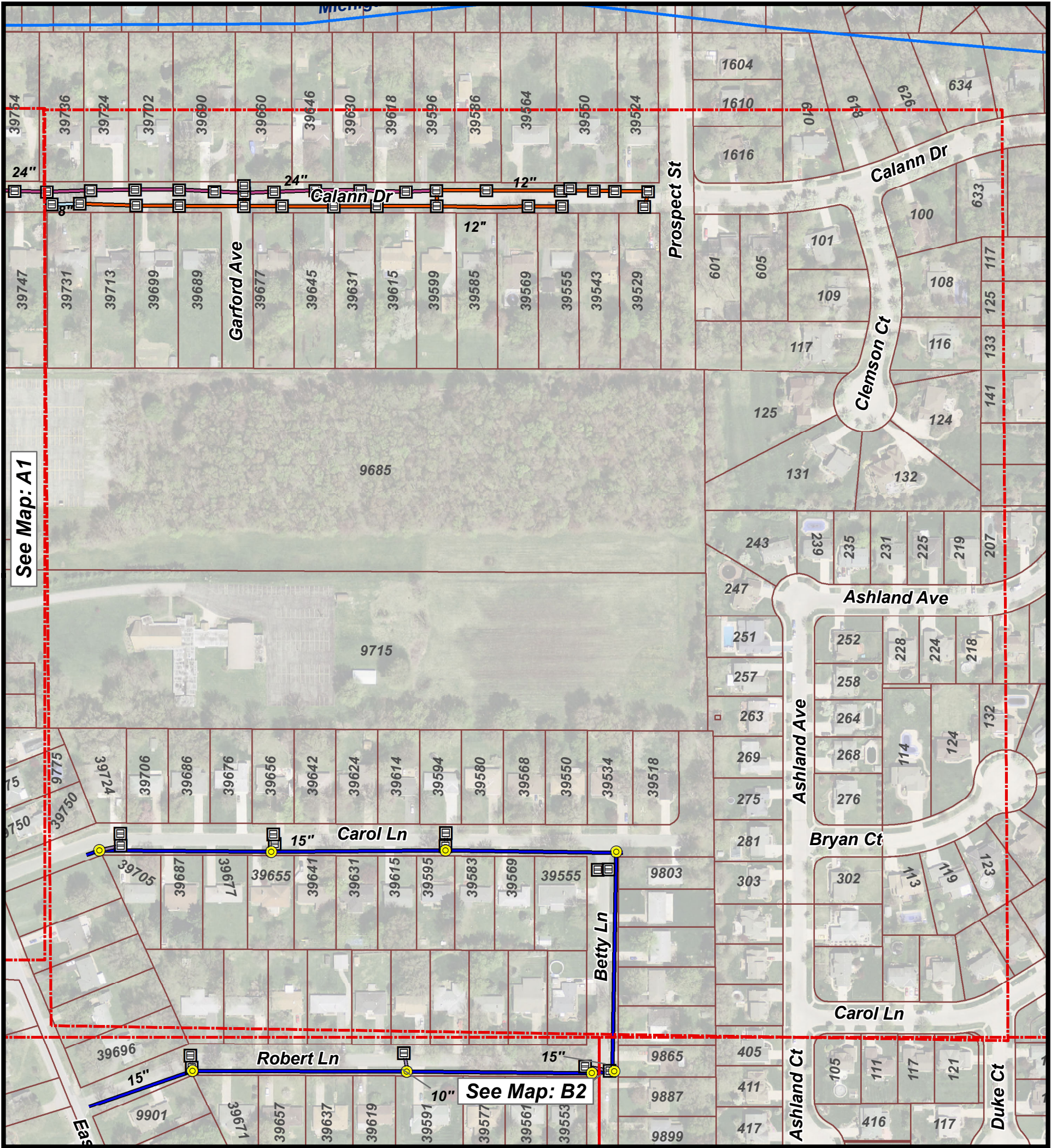
Date: 10/8/2015

Prepared By:

Grid Location Map

Page 1 of 30



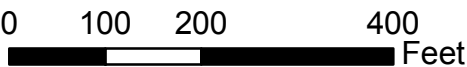


# Lorain County MS4 Facilities Carlisle Township

Grid ID: A2

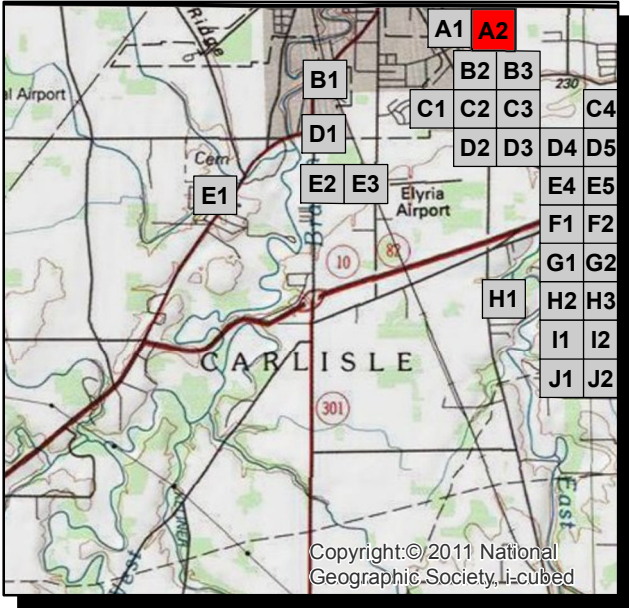


This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes.  
Data Collected Y2013.



Date: 10/8/2015

Prepared By:



Grid Location Map

Legend

Grid\_Carlisle\_9\_15

Size

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

Unknown

<8"

8"

10"

12"

14"through 16"

18"

20" through 24"

27 " through 33" "

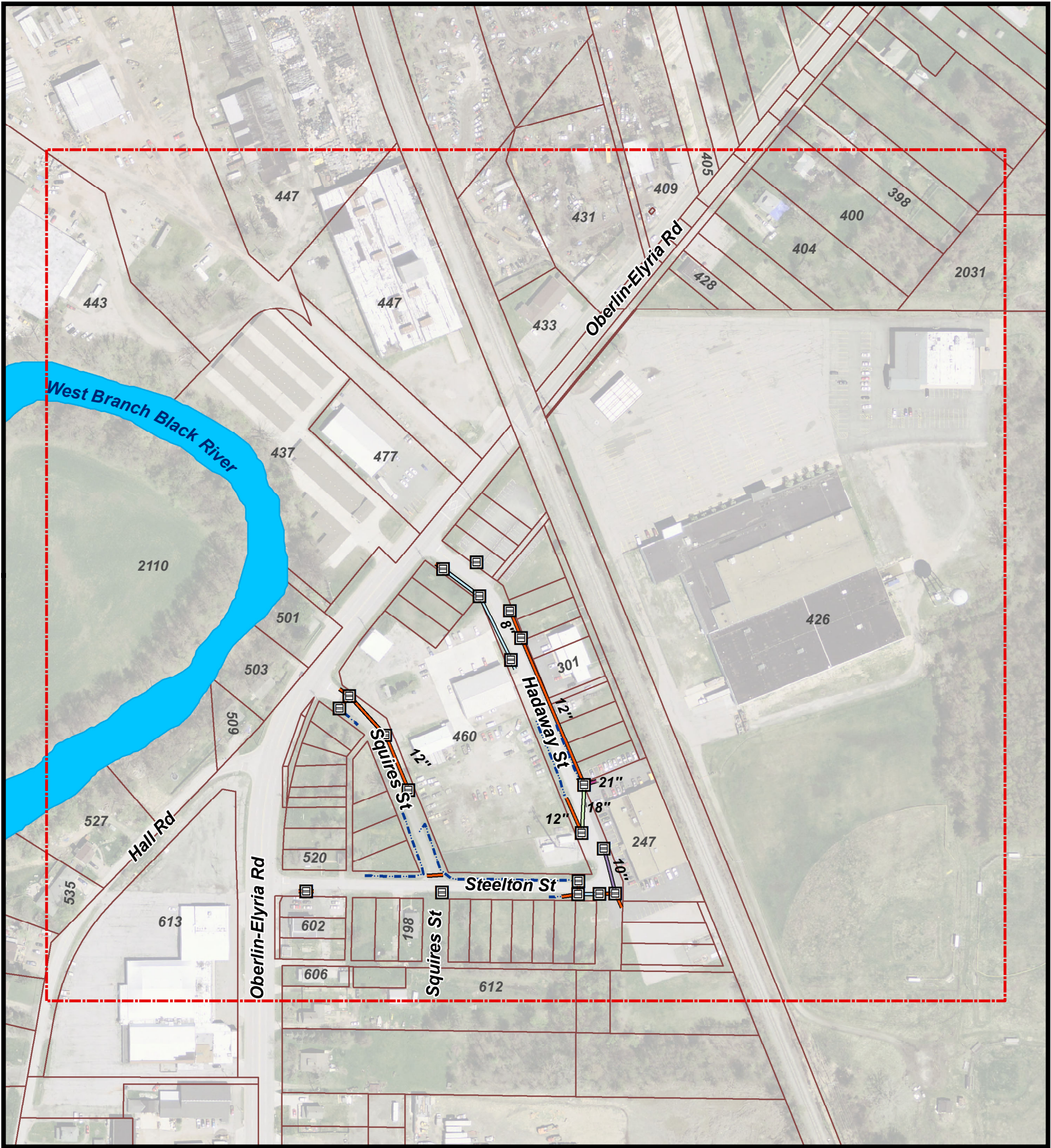
36

42

>42"







# Lorain County MS4 Facilities Carlisle Township

## Grid ID: B1

**Legend**

Grid\_Carlisle\_9\_15

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

Size

Unknown

<8"

8"

10"

12"

14"through 16"

18"

20" through 24"

27 " through 33" "

36

42

>42"

This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes.  
Data Collected Y2013.

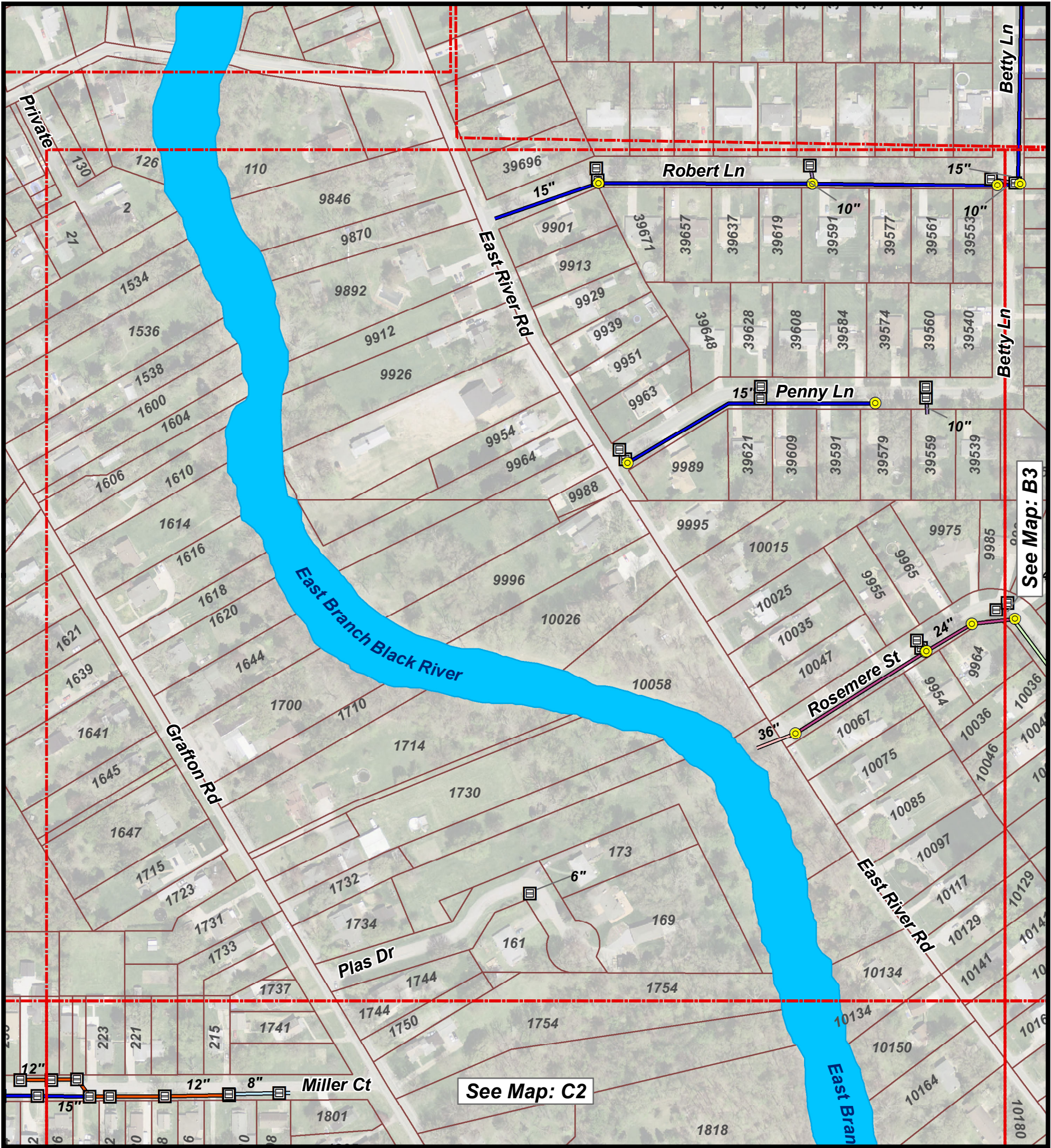
Date: 10/8/2015

Prepared By:

Grid Location Map

Page 3 of 30





**Lorain County MS4 Facilities**  
**Carlisle Township**  
**Grid ID: B2**

**Legend**

Grid\_Carlisle\_9\_15

Size

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

Unknown

<8"

8"

10"

12"

14"through 16"

18"

20" through 24"

27 " through 33" "

36

42

>42"

N

This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes.  
Data Collected Y2013.

0

100

200

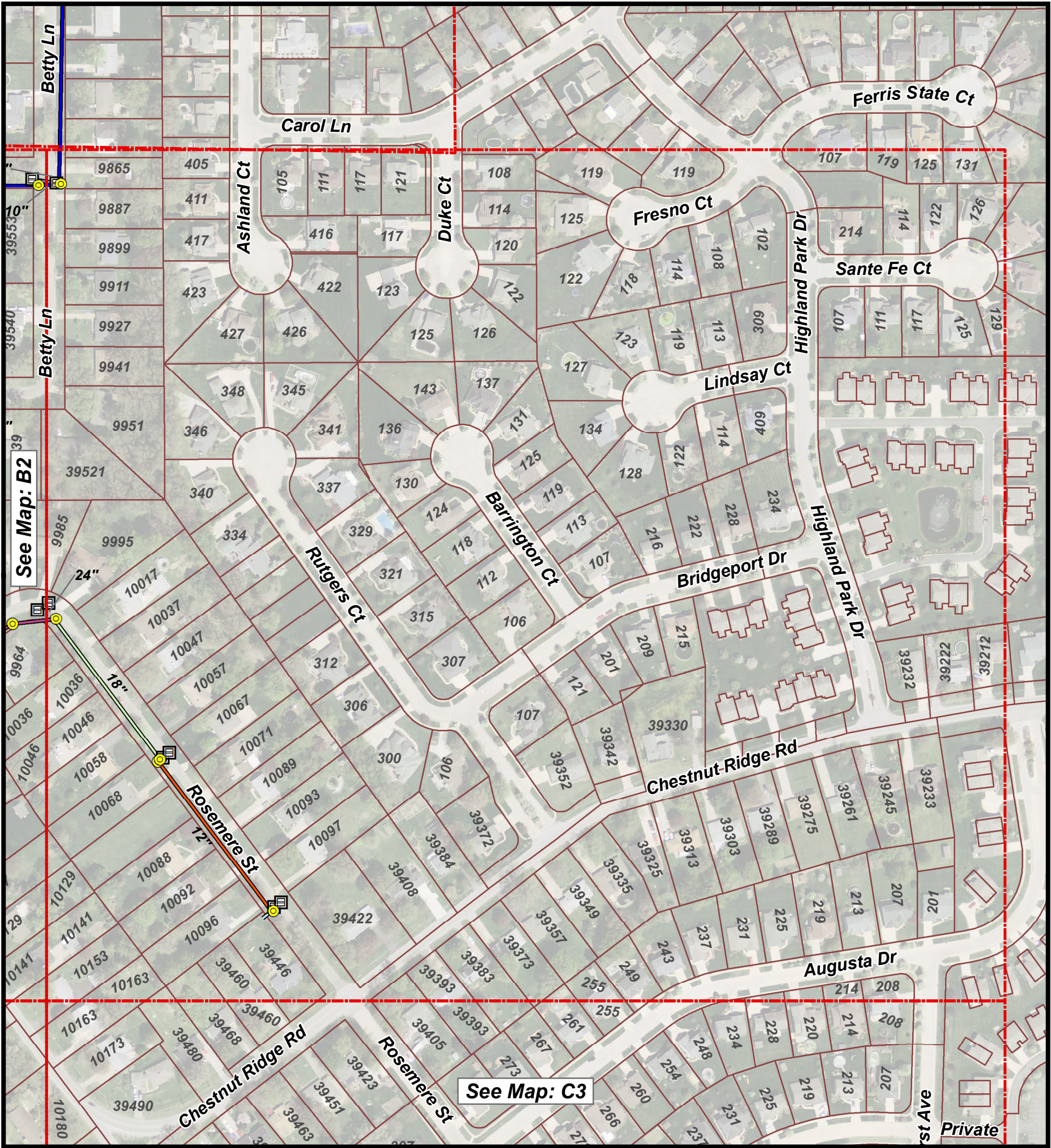
400

Feet

Grid Location Map

Page 4 of 30





# Lorain County MS4 Facilities

## Carlisle Township

### Grid ID: B3

**Legend**

Grid\_Carlisle\_9\_15

Size

Unknown

<8"

8"

10"

12"

14"through 16"

18"

20" through 24"

27 " through 33" "

36

42

>42"

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

N

This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes.  
Data Collected Y2013.

0

100

200

400

Feet

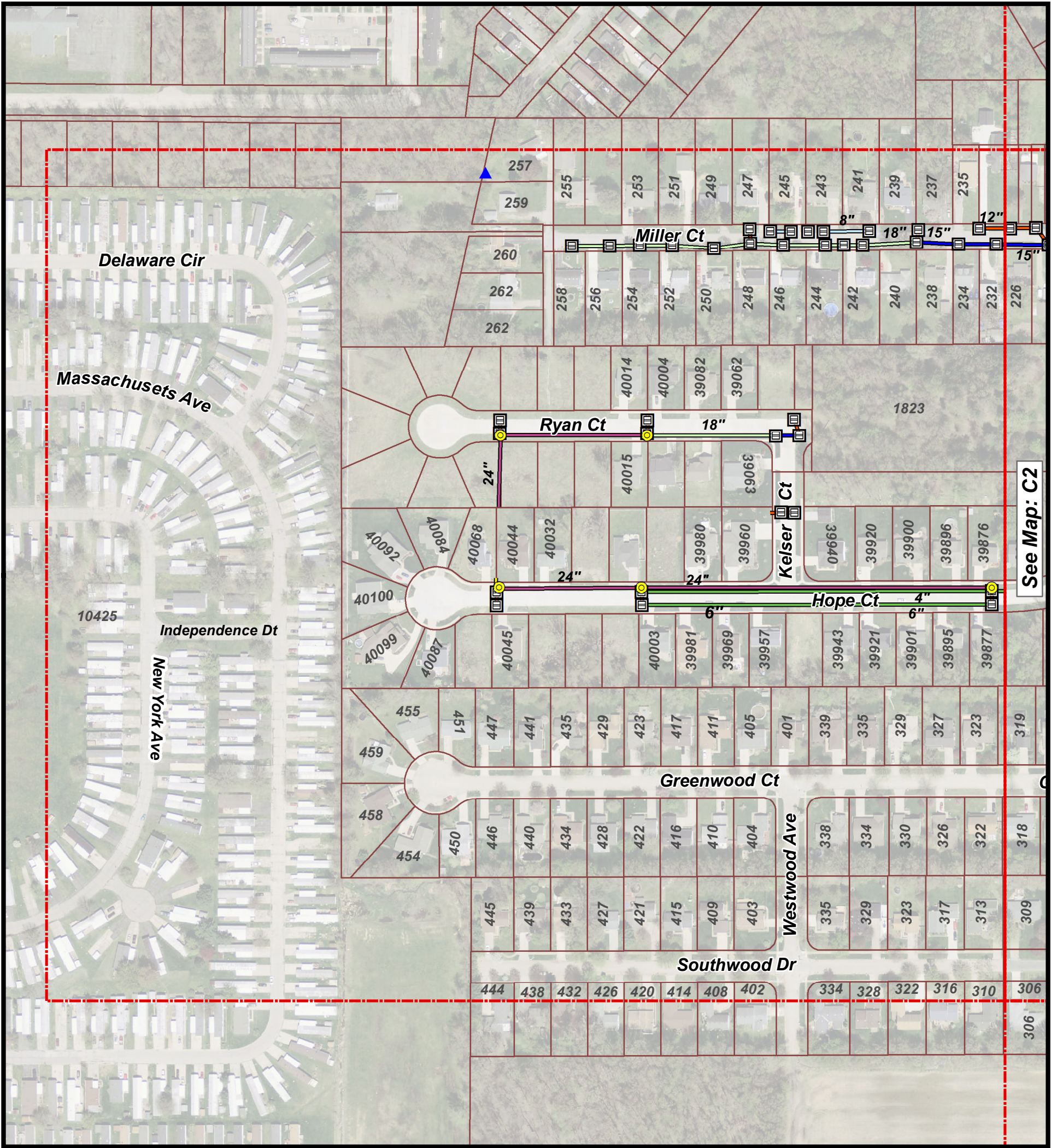
Date: 10/8/2015

Prepared By:

Grid Location Map

Page 5 of 30





**Lorain County MS4 Facilities**  
**Carlisle Township**  
**Grid ID: C1**

**Legend**

Grid\_Carlisle\_9\_15

Size

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

Unknown

<8"

8"

10"

12"

14"through 16"

18"

20" through 24"

27 " through 33" "

36

42

>42"

N

This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes.  
Data Collected Y2013.

0

100

200

400

Feet

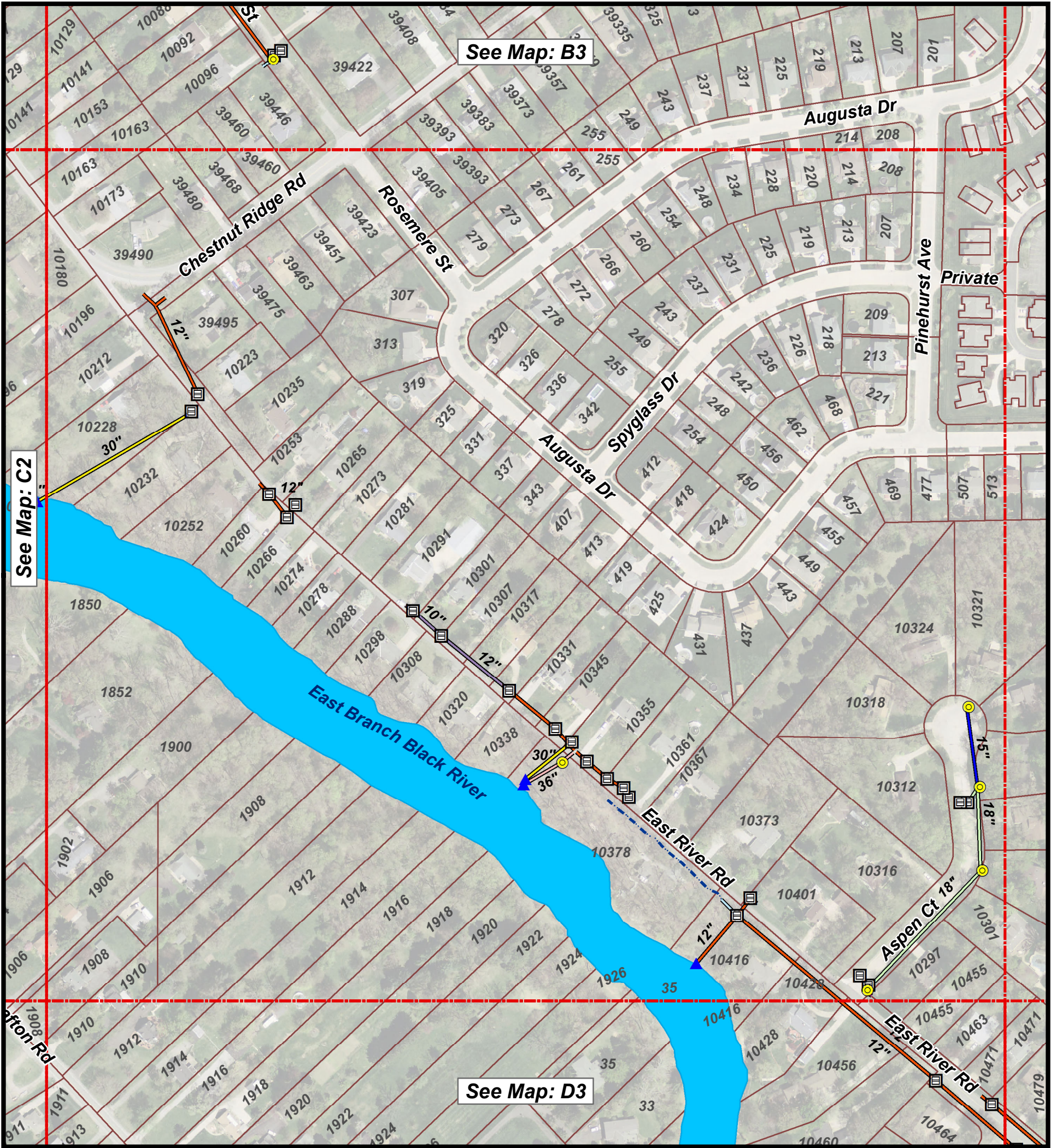
Grid Location Map

Page 6 of 30









# Lorain County MS4 Facilities Carlisle Township Grid ID: C3

**Legend**

Grid\_Carlisle\_9\_15

Size

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

Unknown

<8"

8"

10"

12"

14"through 16"

18"

20" through 24"

27 " through 33" "

36

42

>42"

This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes.  
Data Collected Y2013.

Date: 10/8/2015

Prepared By:

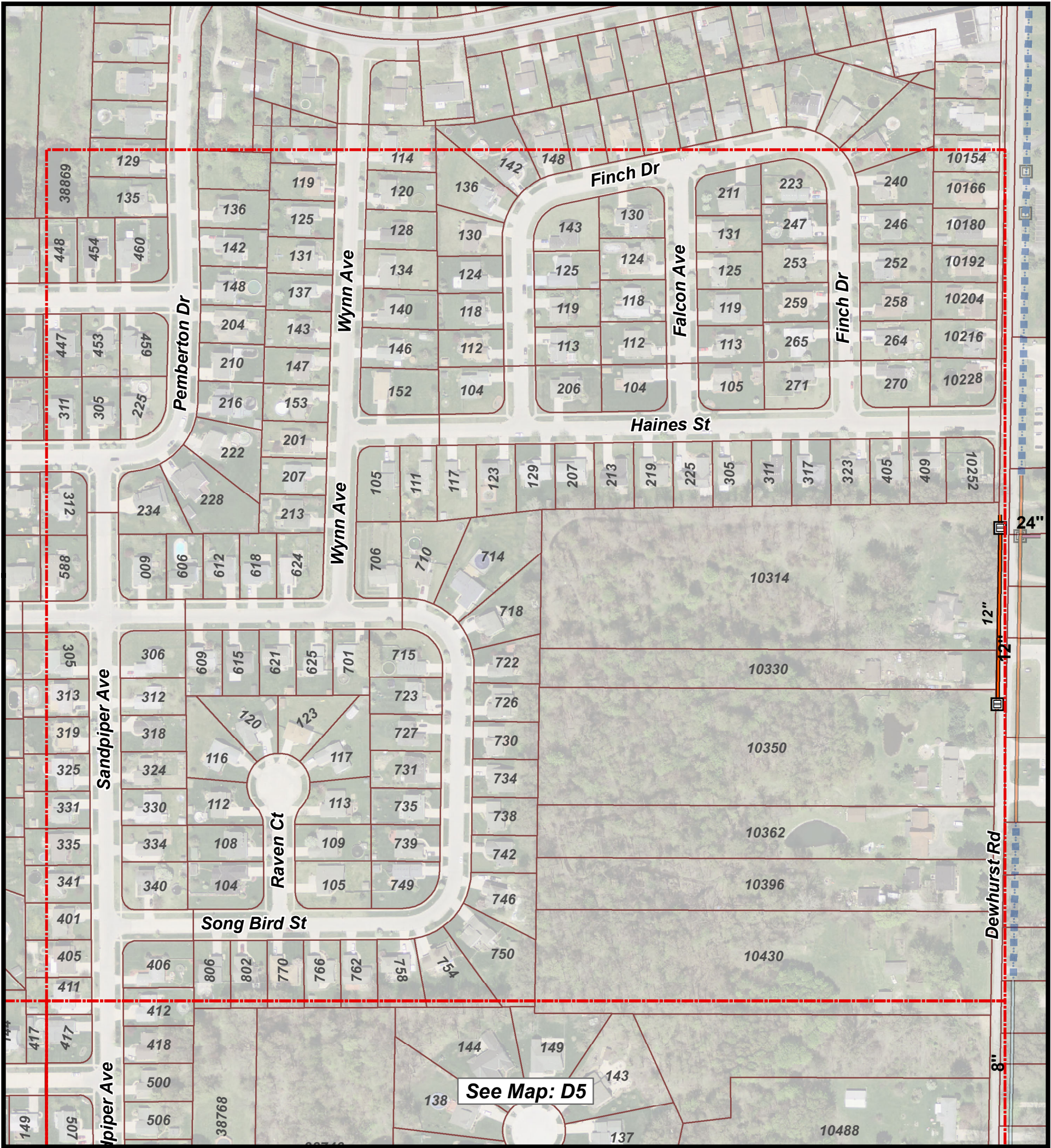
Grid cells: A1-A2, B1-B3, C1-C4, D1-D5, E1-E5, F1-F2, G1-G2, H1-H3, I1-I2, J1-J2.

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Grid Location Map

Page 8 of 30





Lorain County MS4 Facilities  
Carlisle Township  
Grid ID: C4

**Legend**

Grid\_Carlisle\_9\_15

Size

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

Unknown

<8"

8"

10"

12"

14"through 16"

18"

20" through 24"

27 " through 33" "

36

42

>42"

N

This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes.  
Data Collected Y2013.

0

100

200

400

Feet

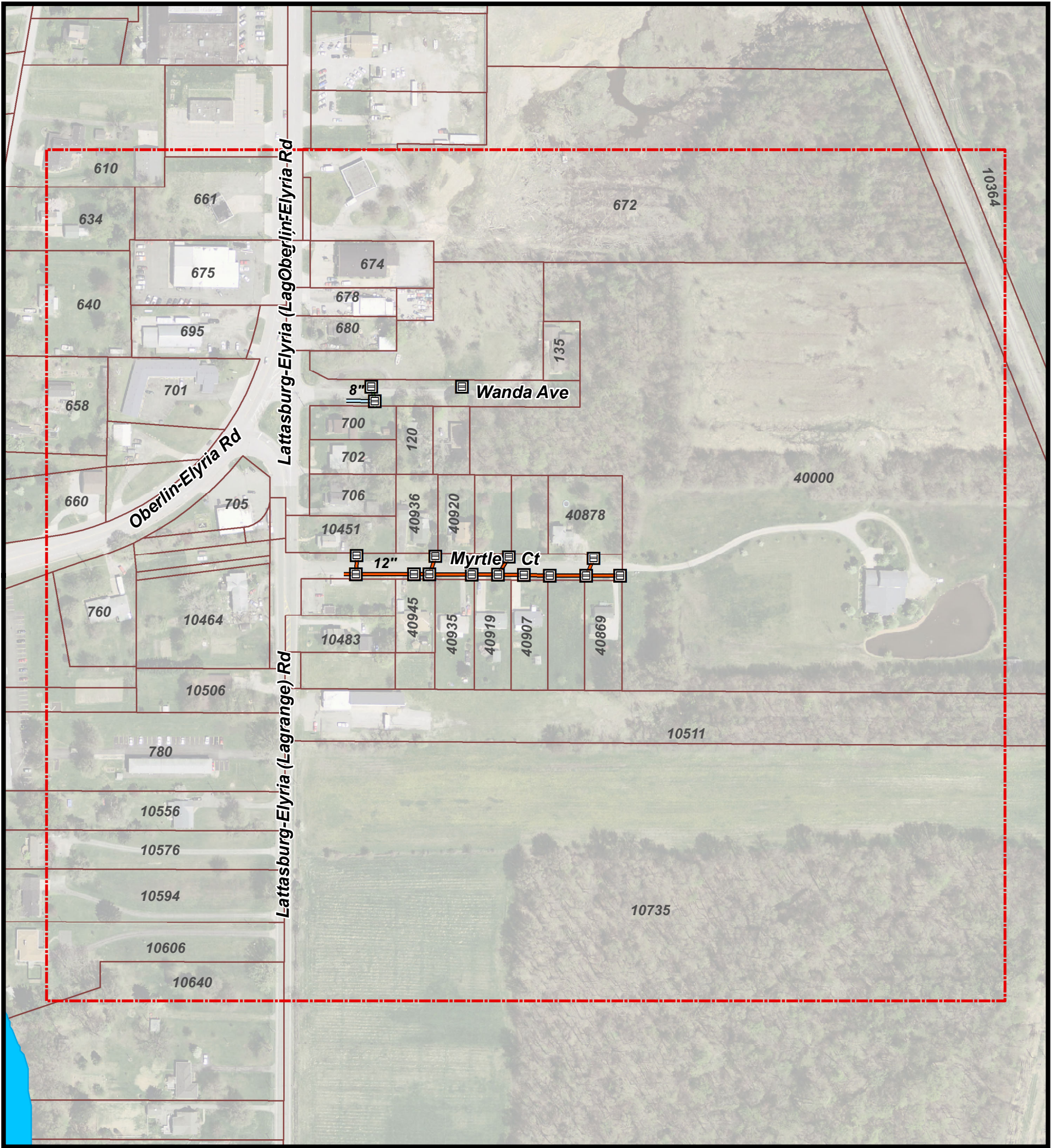
Date: 10/8/2015

Prepared By:

Grid Location Map

Page 9 of 30

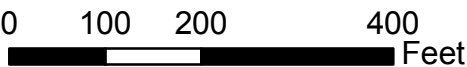




**Lorain County MS4 Facilities**  
**Carlisle Township**  
**Grid ID: D1**

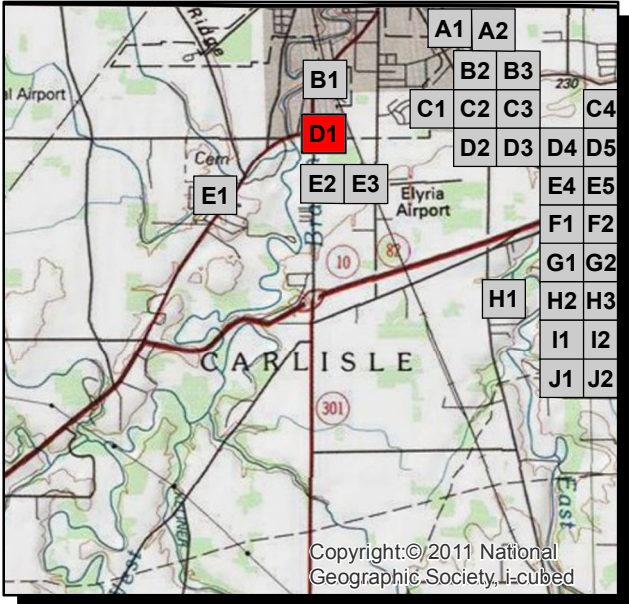


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Data Collected Y2013.



Date: 10/8/2015

Prepared By:



Grid Location Map

**Legend**

Grid\_Carlisle\_9\_15

Size

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

Unknown

<8"

8"

10"

12"

14"through 16"

18"

20" through 24"

27 " through 33" "

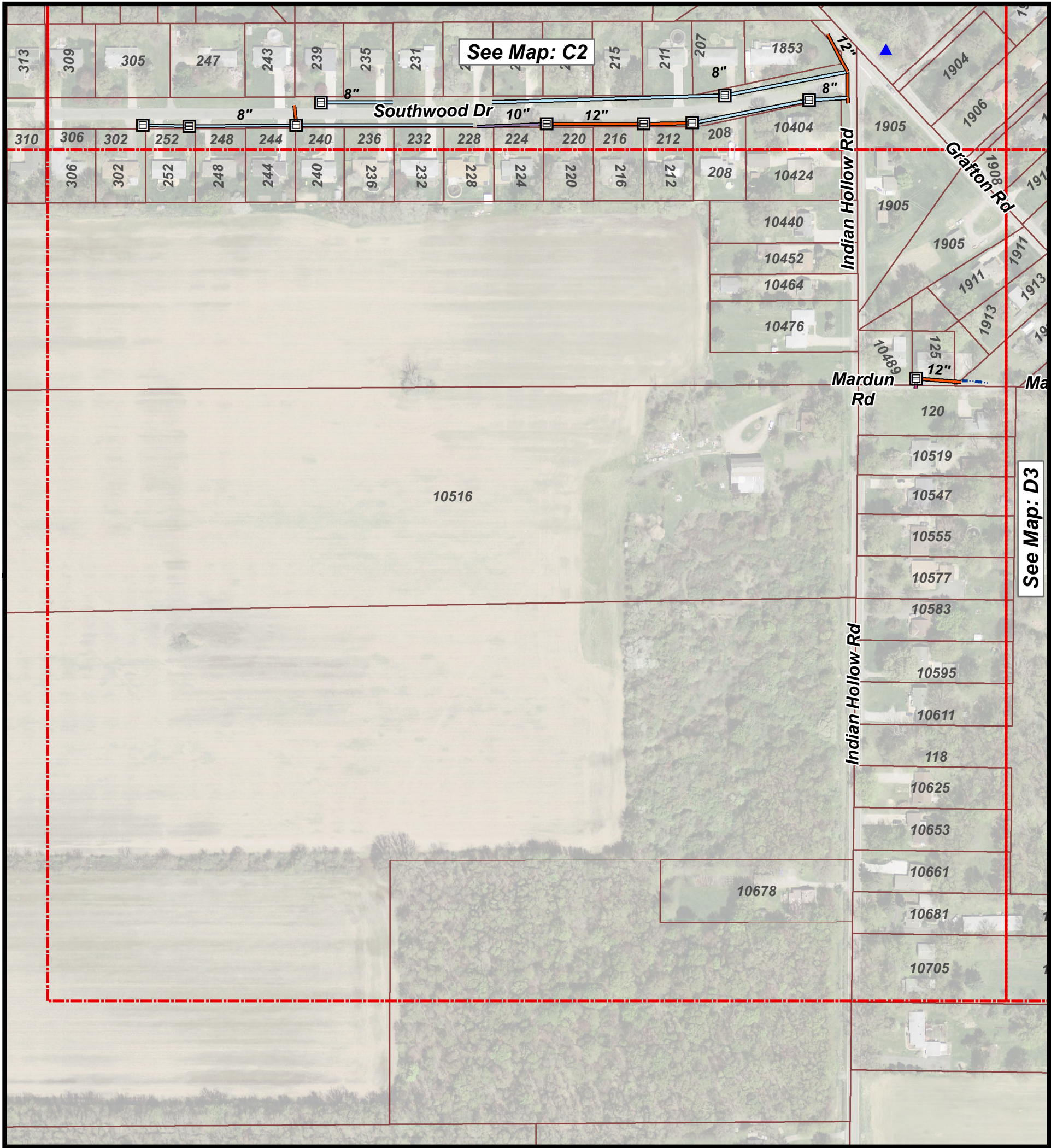
36

42

>42"

Page 10 of 30





# Lorain County MS4 Facilities

## Carlisle Township

### Grid ID: D2

**Legend**  

Grid\_Carlisle\_9\_15

Size

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

Unknown

<8"

8"

10"

12"

14"through 16"

18"

20" through 24"

27 " through 33" "

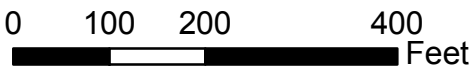
36

42

>42"

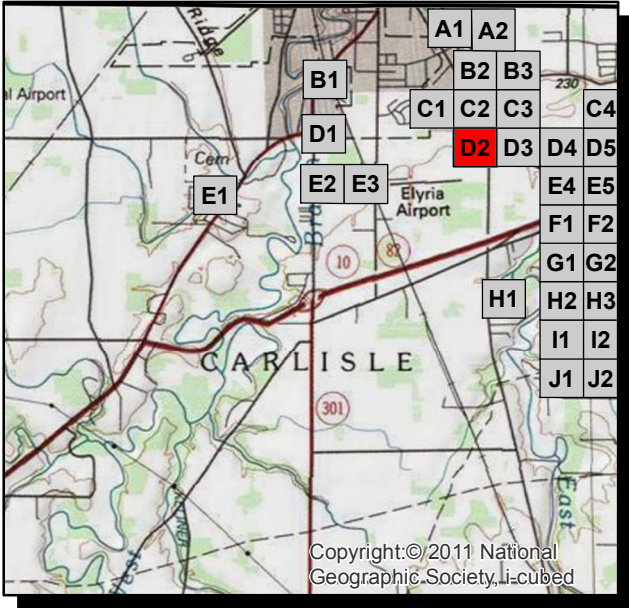


This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes.  
Data Collected Y2013.



Date: 10/8/2015

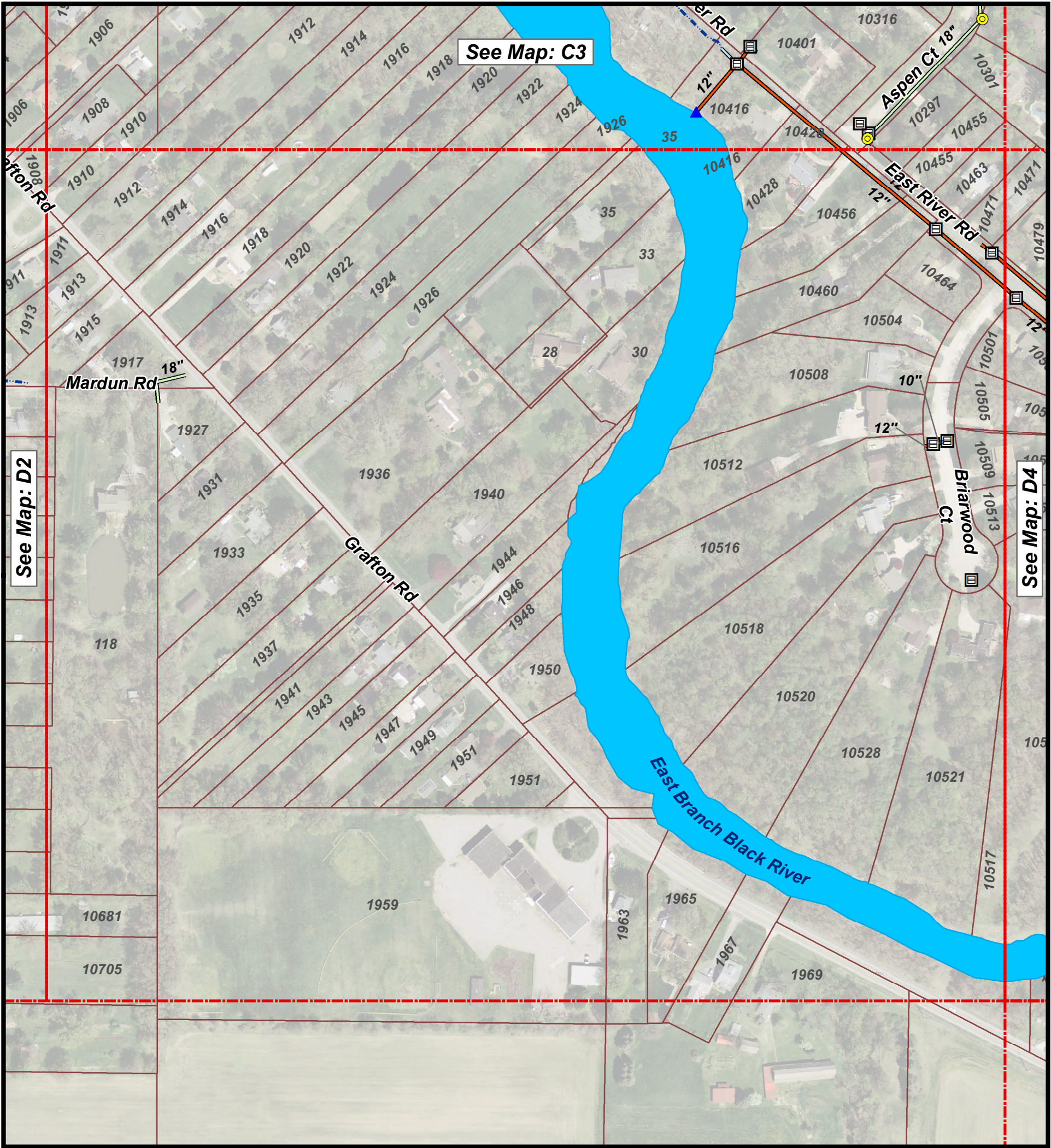
Prepared By:



Grid Location Map







**Lorain County MS4 Facilities**  
**Carlisle Township**  
**Grid ID: D3**

**Legend**

Grid\_Carlisle\_9\_15

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

**Size**

Unknown

<8"

8"

10"

12"

14"through 16"

18"

20" through 24"

27 " through 33" "

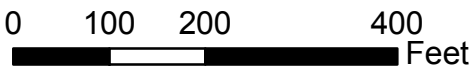
36

42

>42"

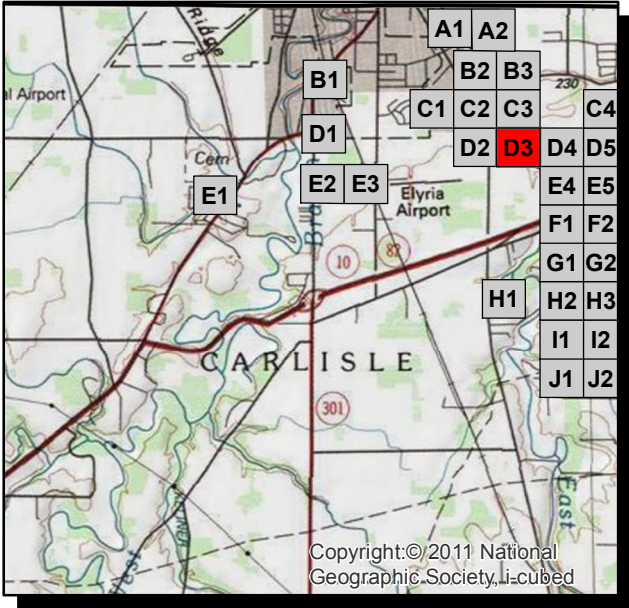


This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes.  
Data Collected Y2013.



Date: 10/8/2015

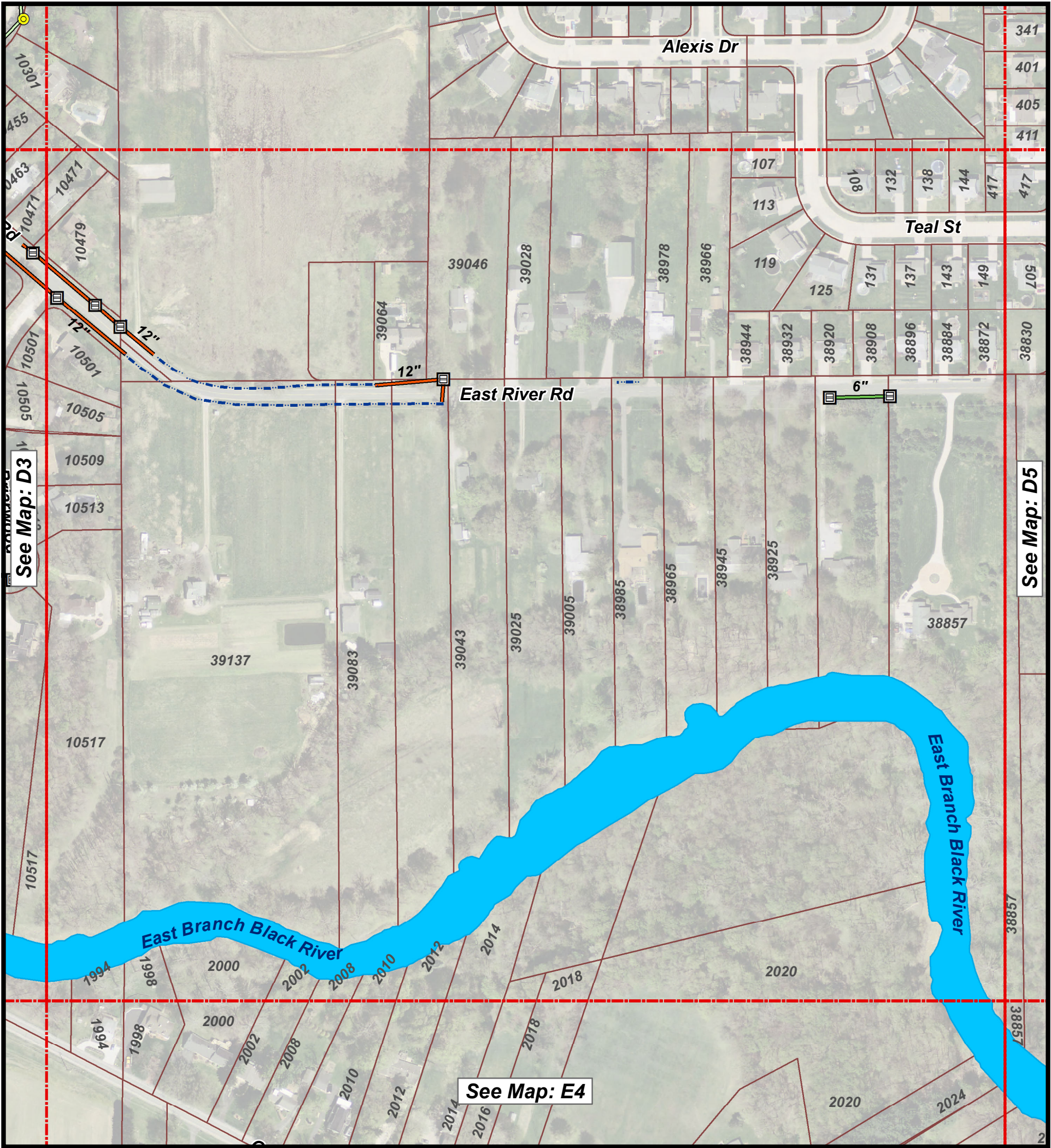
Prepared By:



Grid Location Map







**Lorain County MS4 Facilities**  
**Carlisle Township**  
**Grid ID: D4**

**Legend**

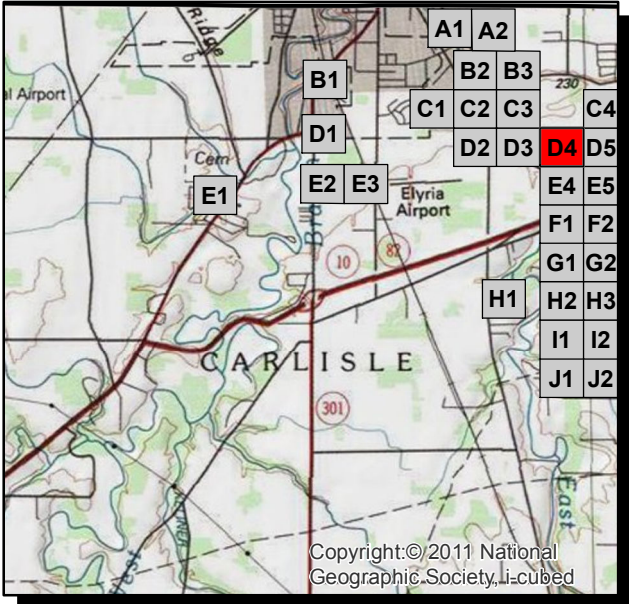
|  |                    |             |                    |
|--|--------------------|-------------|--------------------|
|  | Grid_Carlisle_9_15 | <b>Size</b> |                    |
|  | Outfalls           |             | Unknown            |
|  | Manholes           |             | <8"                |
|  | Catchbasins        |             | 8"                 |
|  | Ditch              |             | 10"                |
|  | Culverts           |             | 12"                |
|  | Waterbody          |             | 14"through 16"     |
|  | Stream Ditch Canal |             | 18"                |
|  | Parcels            |             | 20" through 24"    |
|  |                    |             | 27 " through 33" " |
|  |                    |             | 36                 |
|  |                    |             | 42                 |
|  |                    |             | >42"               |

This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes.  
Data Collected Y2013.

0 100 200 400 Feet

Date: 10/8/2015

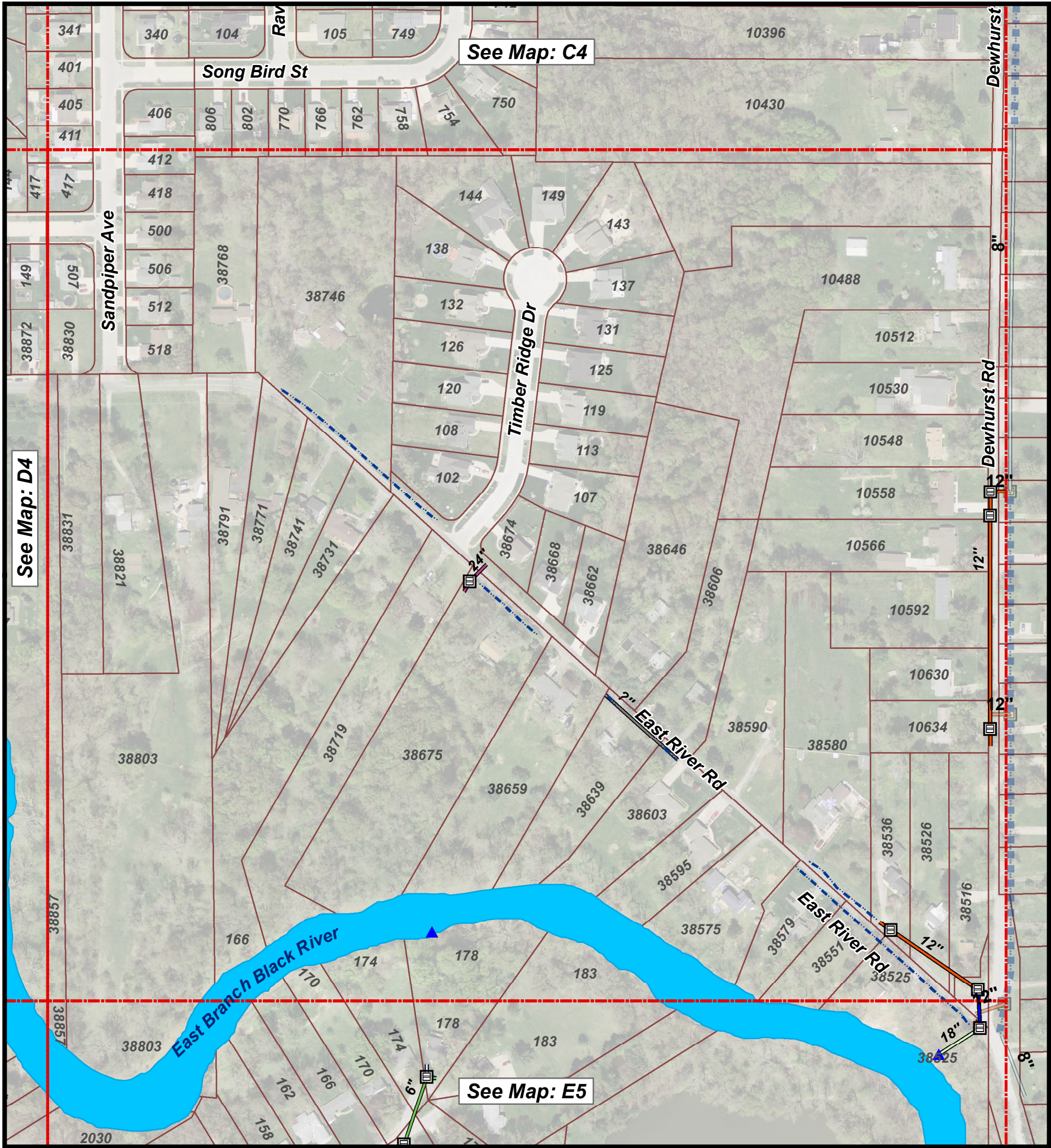
Prepared By:



Grid Location Map







**Lorain County MS4 Facilities**  
**Carlisle Township**  
**Grid ID: D5**

**Legend**

Grid\_Carlisle\_9\_15

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

Size

Unknown

<8"

8"

10"

12"

14"through 16"

18"

20" through 24"

27 " through 33" "

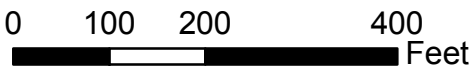
36

42

>42"

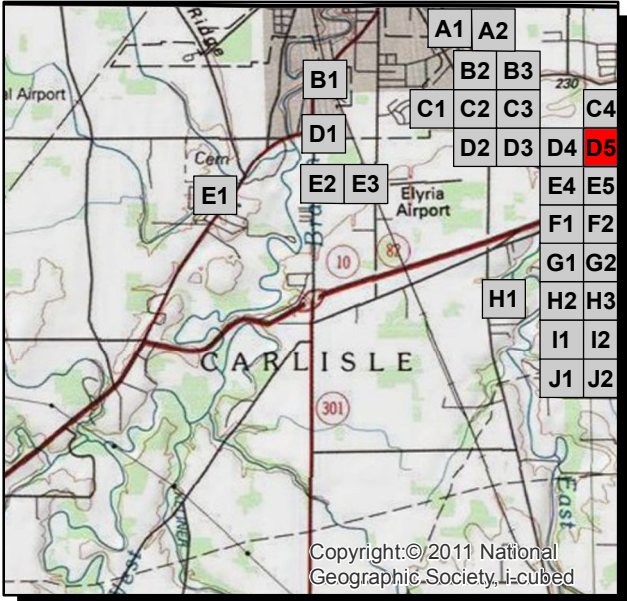


This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes.  
Data Collected Y2013.



Date: 10/8/2015

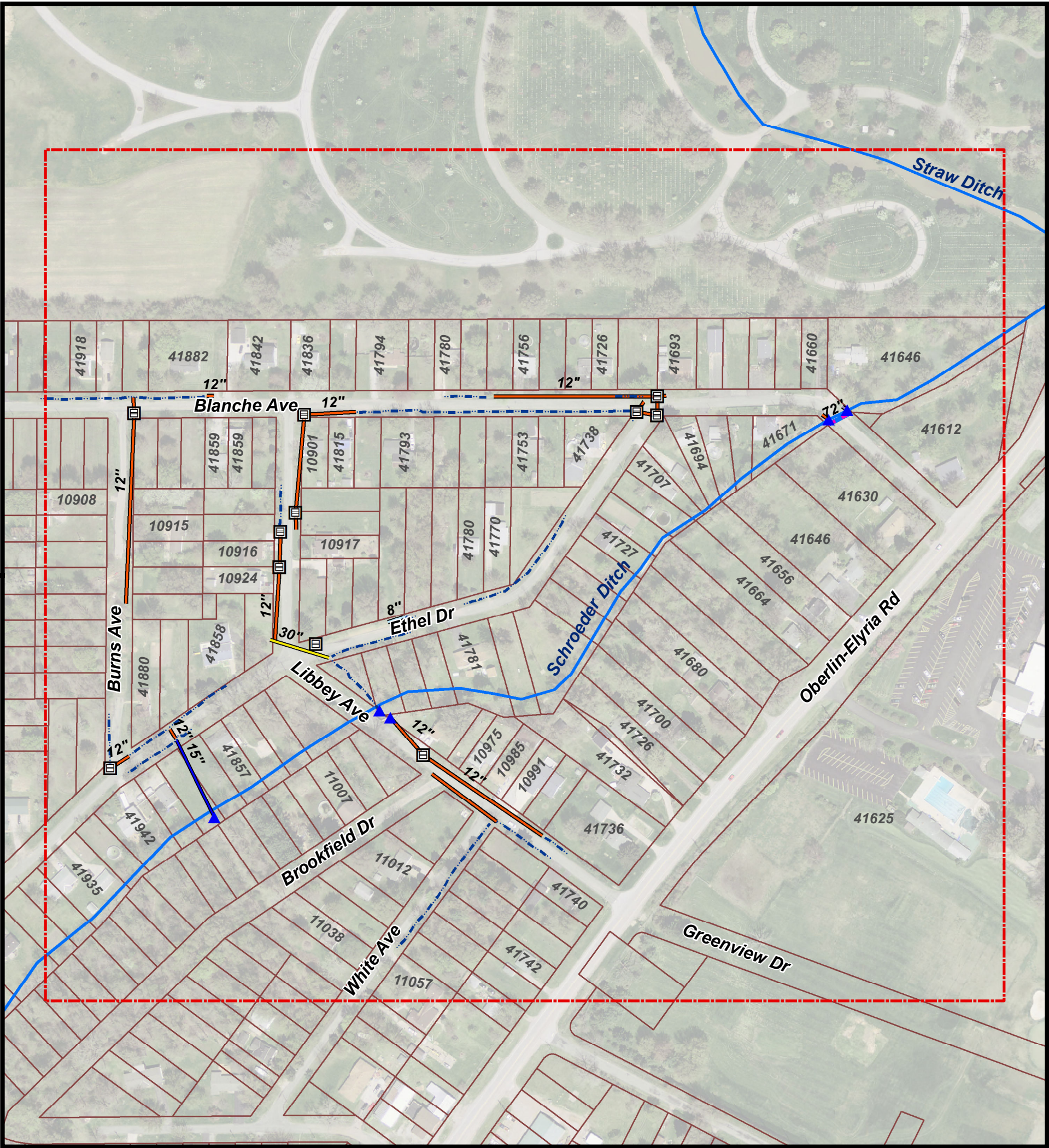
Prepared By:



Grid Location Map







**Lorain County MS4 Facilities**  
**Carlisle Township**  
**Grid ID: E1**

**Legend**

Grid\_Carlisle\_9\_15

Size

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

Unknown

<8"

8"

10"

12"

14"through 16"

18"

20" through 24"

27 " through 33" "

36

42

>42"

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Data Collected Y2013.

Date: 10/8/2015

Prepared By:

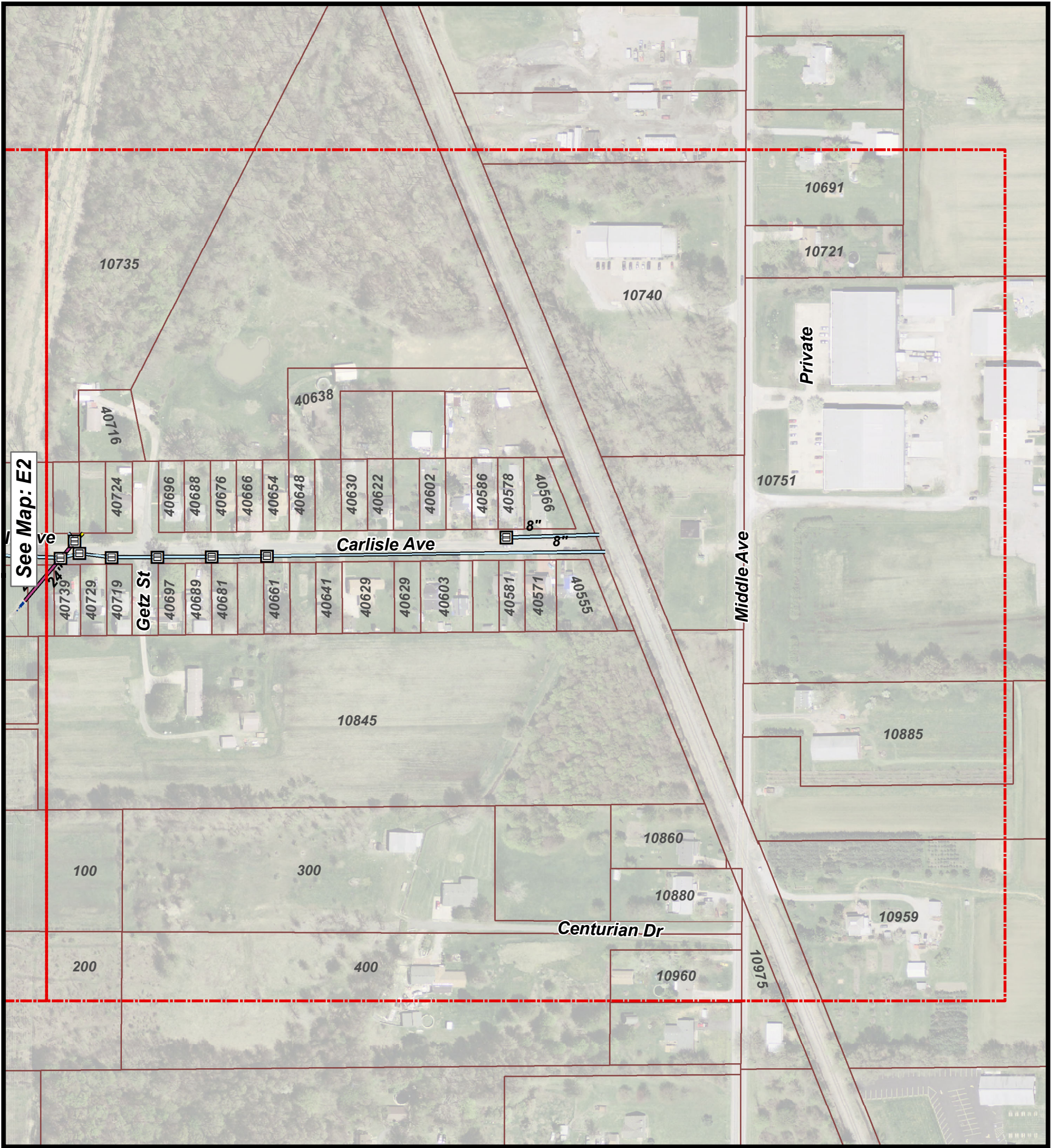
Grid Location Map

Page 15 of 30





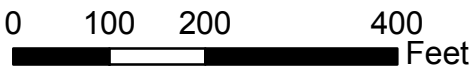




**Lorain County MS4 Facilities**  
**Carlisle Township**  
**Grid ID: E3**

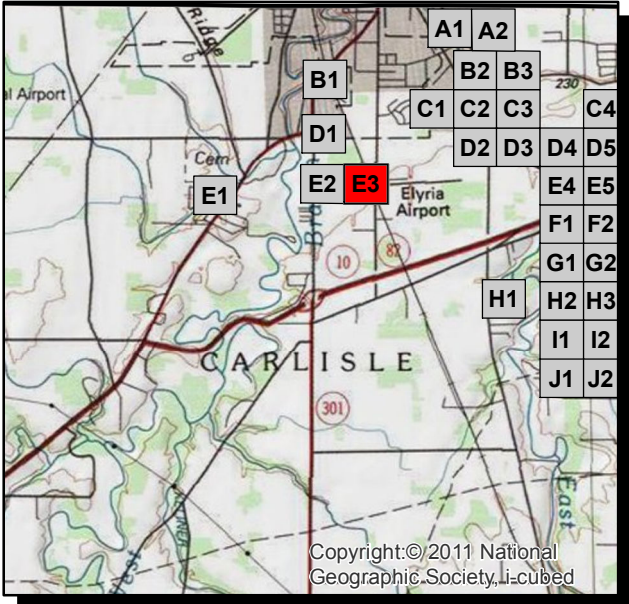


This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes.  
Data Collected Y2013.



Date: 10/8/2015

Prepared By:



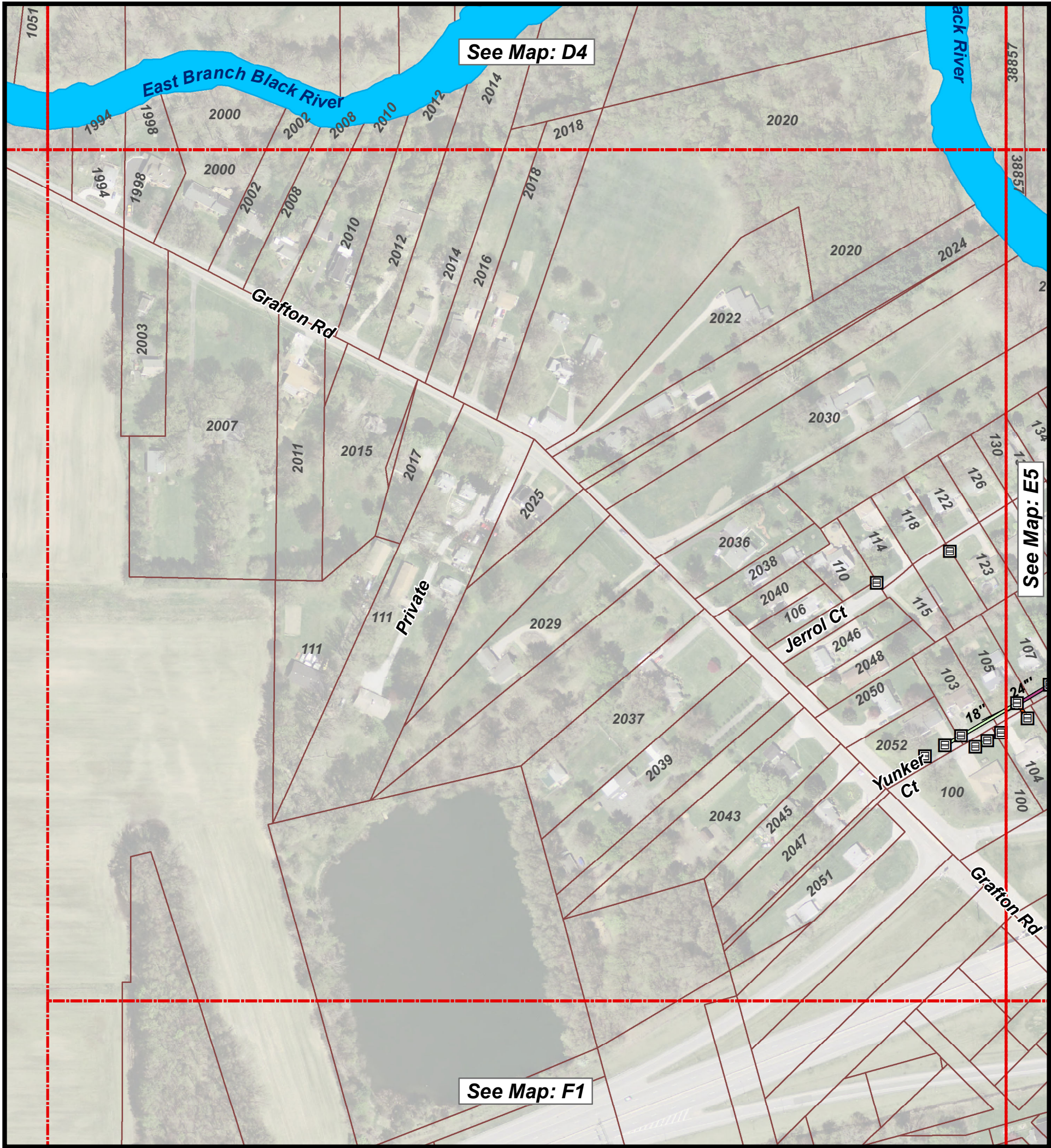
Grid Location Map

**Legend**

|                    |                 |                    |
|--------------------|-----------------|--------------------|
| Grid_Carlisle_9_15 | <b>Size</b>     | Unknown            |
| Outfalls           | <8"             | 8"                 |
| Manholes           | 10"             | 12"                |
| Catchbasins        | 14"through 16"  | 18"                |
| Ditch              | 20" through 24" | 27 " through 33" " |
| Culverts           | 36              | 42                 |
| Waterbody          | >42"            |                    |
| Stream Ditch Canal |                 |                    |
| Parcels            |                 |                    |







**Lorain County MS4 Facilities**  
**Carlisle Township**  
**Grid ID: E4**

**Legend**

Grid\_Carlisle\_9\_15

Size

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

Unknown

<8"

8"

10"

12"

14"through 16"

18"

20" through 24"

27 " through 33" "

36

42

>42"

This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes.  
Data Collected Y2013.

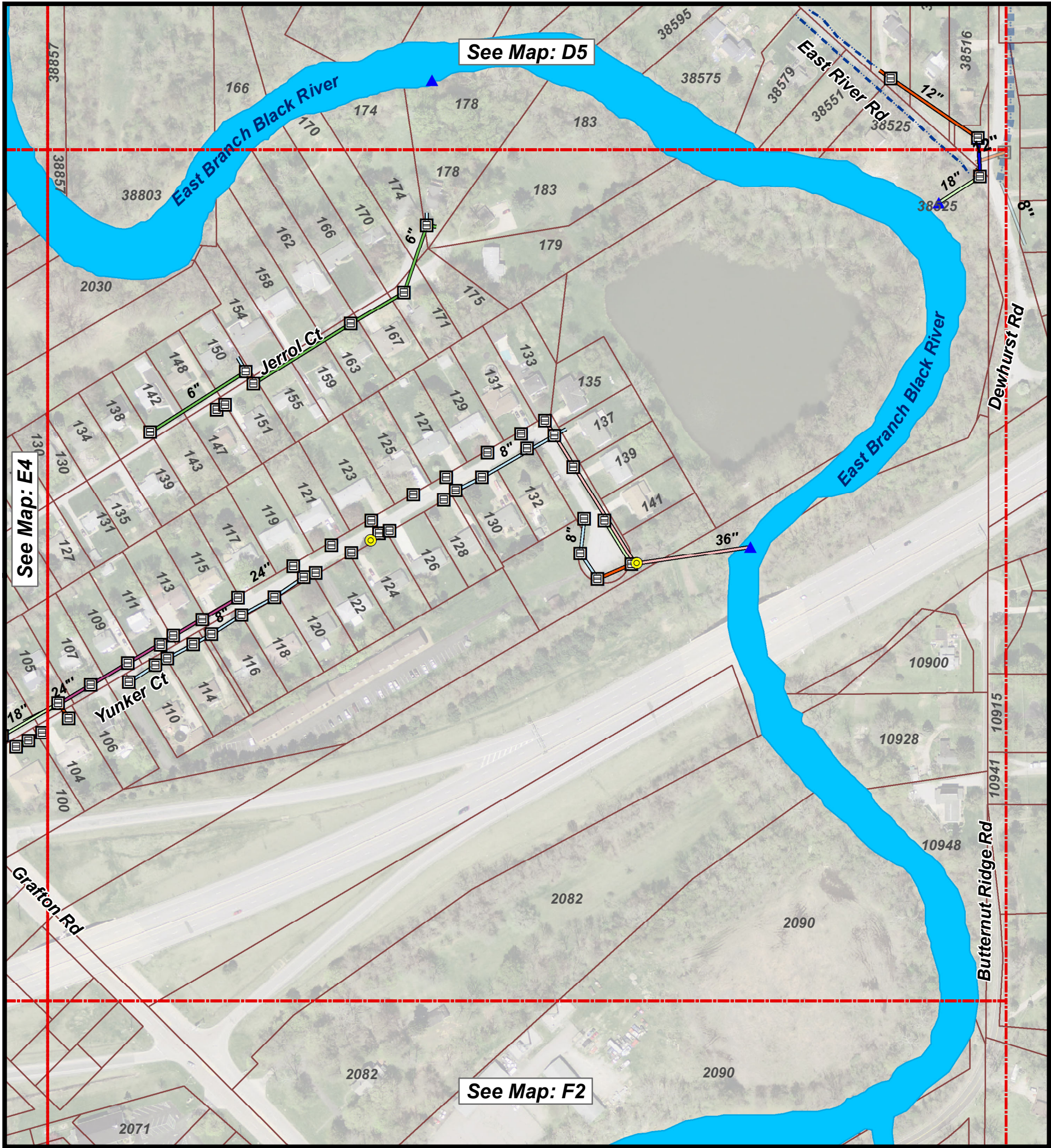
Date: 10/8/2015

Prepared By:

Grid Location Map

Page 18 of 30





# **Lorain County MS4 Facilities** **Carlisle Township** **Grid ID: E5**

**Legend**

- Grid\_Carlisle\_9\_15
- Size
- Unknown
- <8"
- 8"
- 10"
- 12"
- 14"through 16"
- 18"
- 20" through 24"
- 27 " through 33" "
- 36"
- 42"
- >42"

- Outfalls
- Manholes
- Catchbasins
- Ditch
- Culverts
- Waterbody
- Stream Ditch Canal
- Parcels

This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes. Data Collected Y2013.

0

100

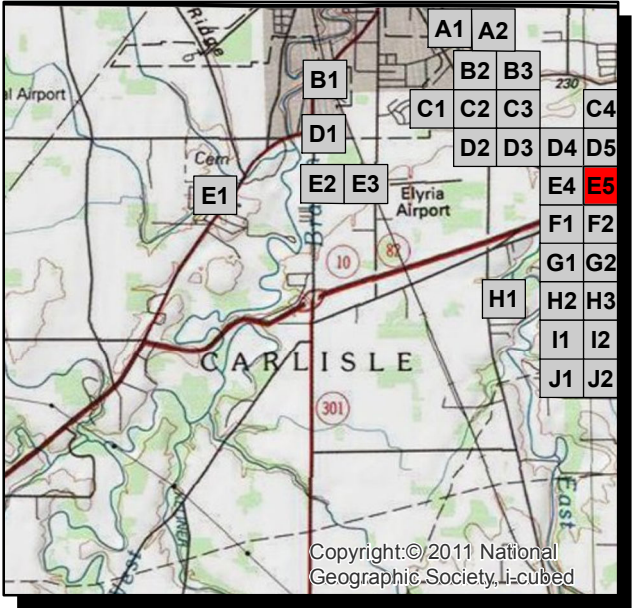
200

400

Feet

Date: 10/8/2015

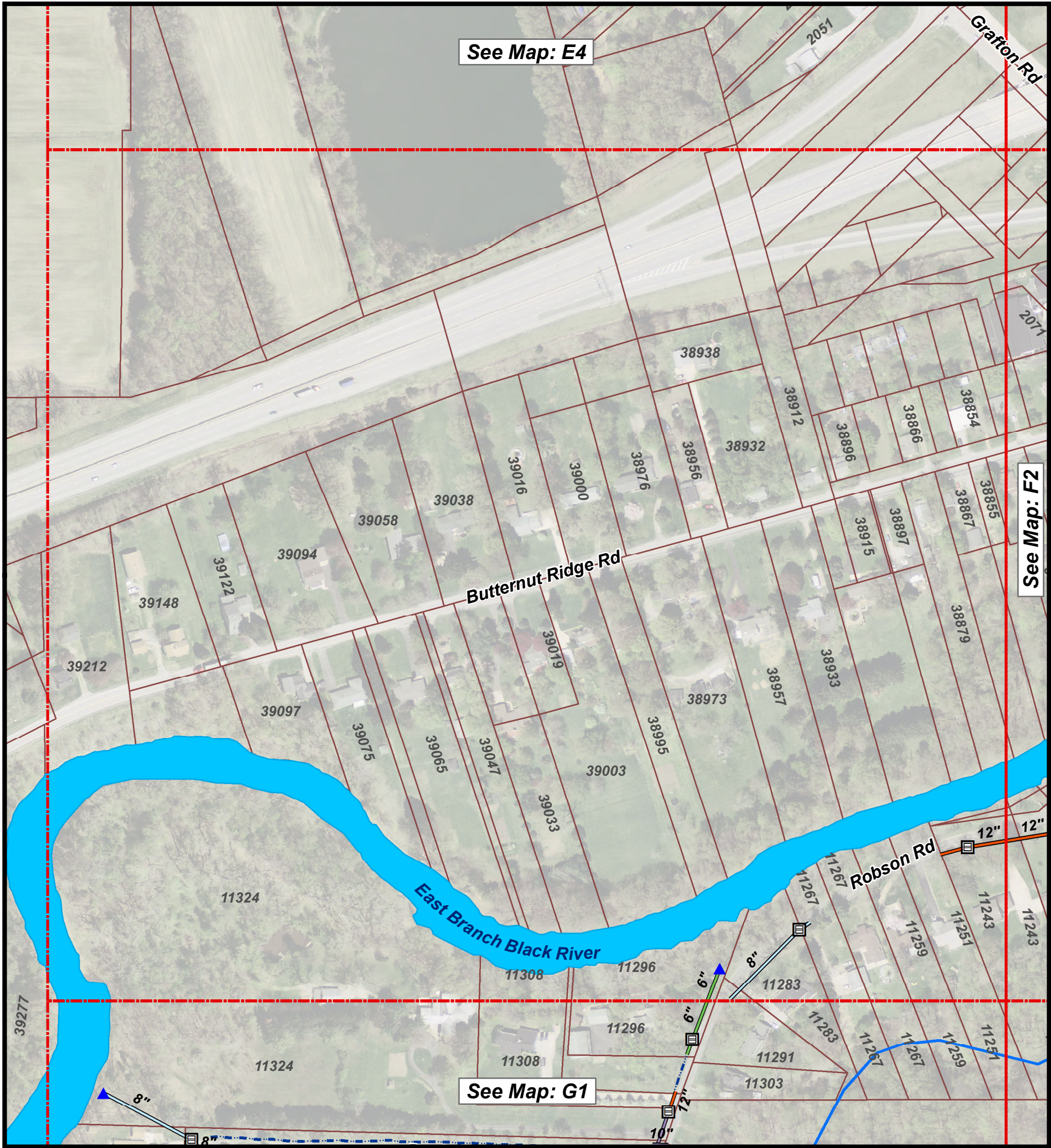
Prepared By:



Grid Location Map







# Lorain County MS4 Facilities Carlisle Township Grid ID: F1

**Legend**

Grid\_Carlisle\_9\_15

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

Size

Unknown

<8"

8"

10"

12"

14"through 16"

18"

20" through 24"

27 " through 33" "

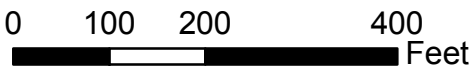
36

42

>42"

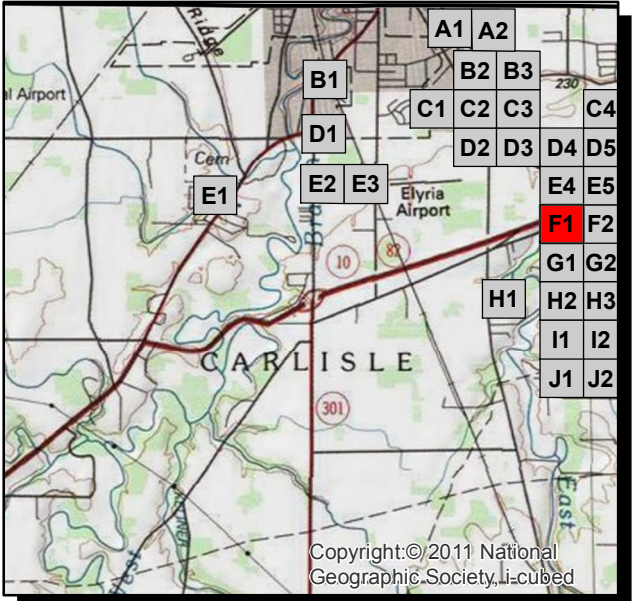


This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes. Data Collected Y2013.



Date: 10/8/2015

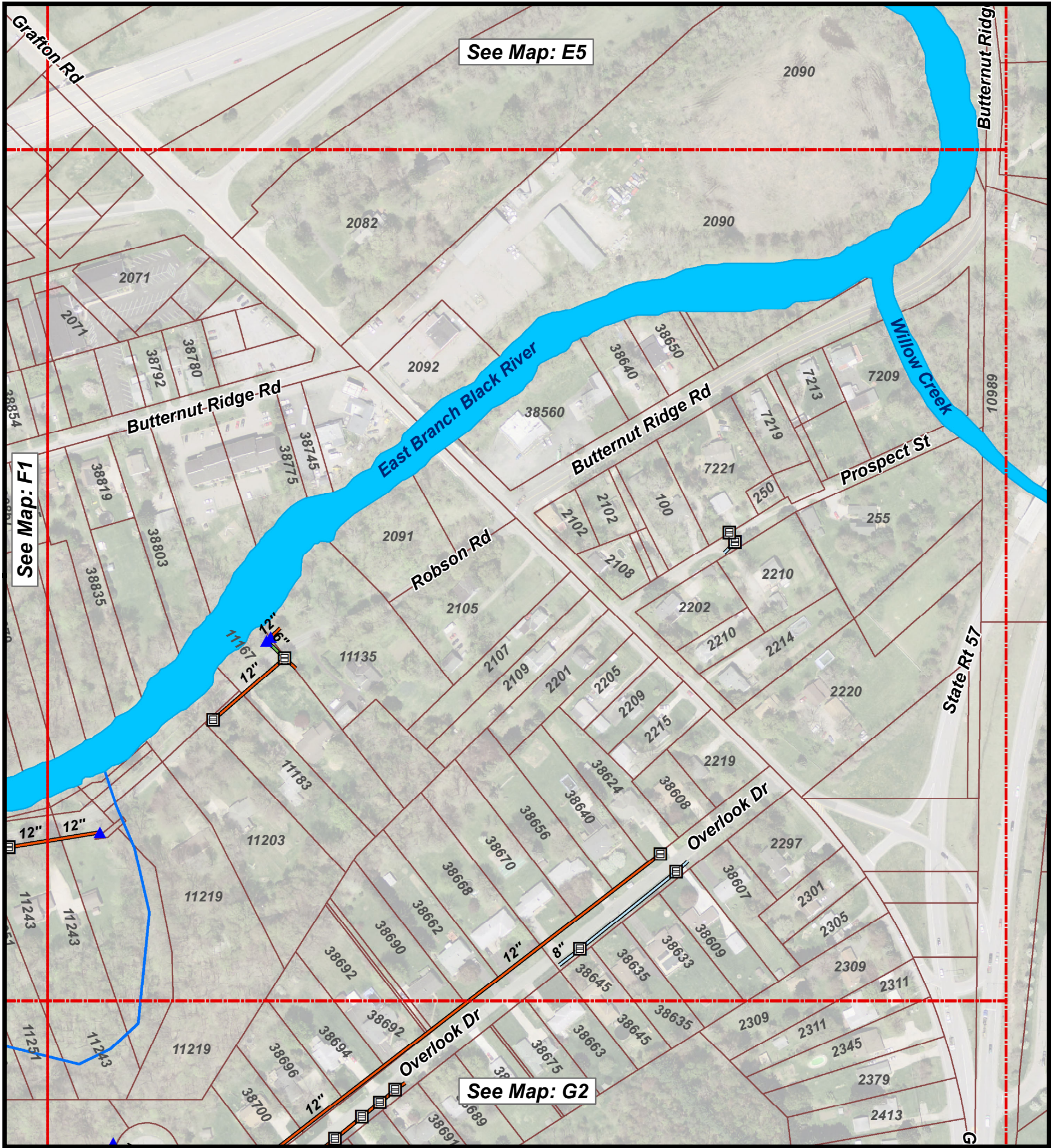
Prepared By:



Grid Location Map







# **Lorain County MS4 Facilities Carlisle Township Grid ID: F2**

**Legend**

- Grid\_Carlisle\_9\_15
- Size
- Unknown
- <8"
- 8"
- 10"
- 12"
- 14"through 16"
- 18"
- 20" through 24"
- 27 " through 33" "
- 36
- 42
- >42"

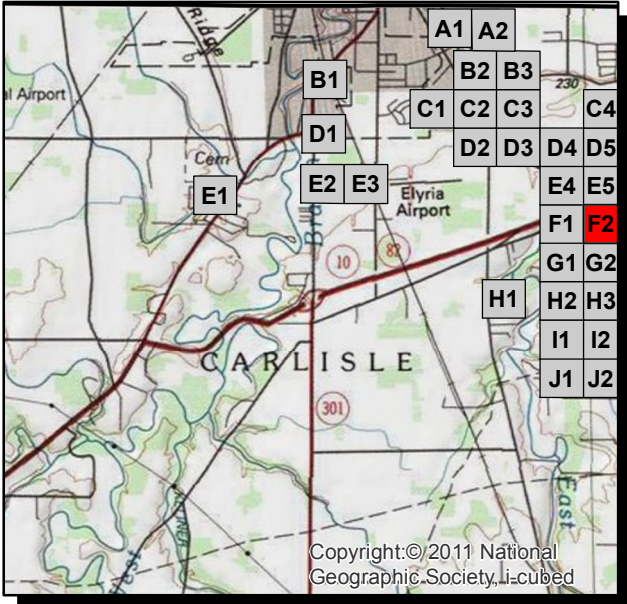
- Outfalls
- Manholes
- Catchbasins
- Ditch
- Culverts
- Waterbody
- Stream Ditch Canal
- Parcels

This map is intended for general reference use only and is based on existing plan information and/or GIS field collection. It should not be used for design or legal purposes. Data Collected Y2013.



Date: 10/8/2015

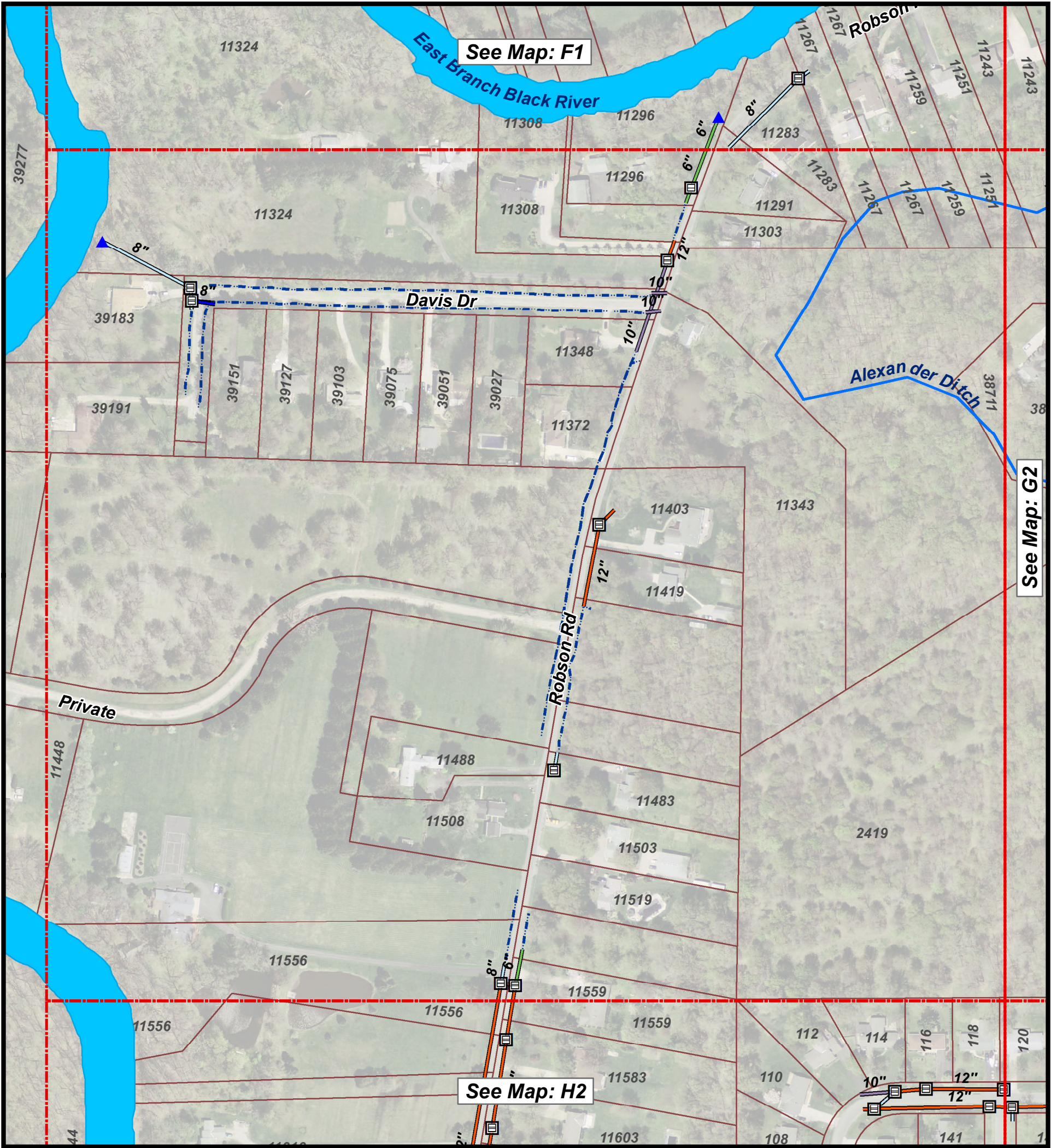
Prepared By:



Grid Location Map





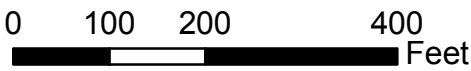


# Lorain County MS4 Facilities Carlisle Township Grid ID: G1

**Legend**

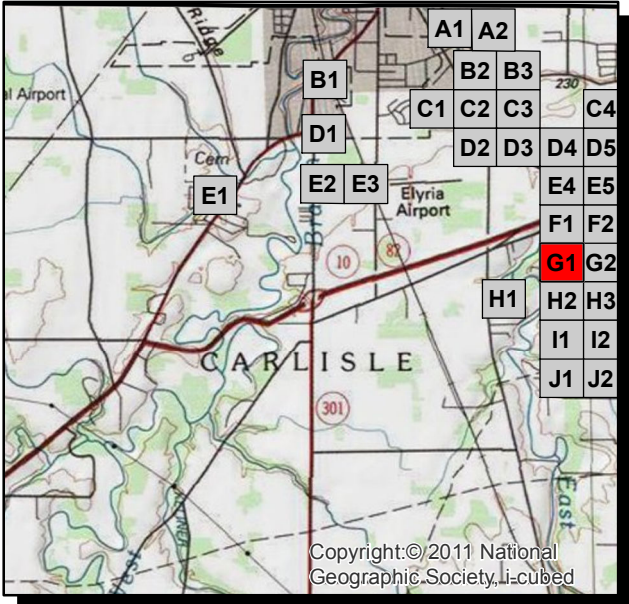
|                                                                                                                                   |                                                                                                              |                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <span style="border: 1px dashed red; padding: 2px;"> </span> Grid_Carlisle_9_15                                                   | <b>Size</b>                                                                                                  | <span style="border-bottom: 1px solid black; width: 20px; display: inline-block;"></span> Unknown           |
| <span style="color: blue;">▲</span> Outfalls                                                                                      | <span style="border-bottom: 1px solid green; width: 20px; display: inline-block;"></span> <8"                | <span style="border-bottom: 1px solid blue; width: 20px; display: inline-block;"></span> 8"                 |
| <span style="border: 1px solid yellow; border-radius: 50%; padding: 2px;"> </span> Manholes                                       | <span style="border-bottom: 1px solid orange; width: 20px; display: inline-block;"></span> 10"               | <span style="border-bottom: 1px solid darkblue; width: 20px; display: inline-block;"></span> 14"through 16" |
| <span style="border: 1px solid black; padding: 2px;"> </span> Catchbasins                                                         | <span style="border-bottom: 1px solid purple; width: 20px; display: inline-block;"></span> 18"               | <span style="border-bottom: 1px solid brown; width: 20px; display: inline-block;"></span> 20" through 24"   |
| <span style="color: blue;">---</span> Ditch                                                                                       | <span style="border-bottom: 1px solid yellow; width: 20px; display: inline-block;"></span> 27 " through 33 " | <span style="border-bottom: 1px solid grey; width: 20px; display: inline-block;"></span> 36                 |
| <span style="background-color: cyan; border: 1px solid black; width: 20px; height: 10px; display: inline-block;"></span> Culverts | <span style="border-bottom: 1px solid purple; width: 20px; display: inline-block;"></span> 42                | <span style="border-bottom: 1px solid darkpurple; width: 20px; display: inline-block;"></span> >42"         |
| <span style="background-color: cyan; width: 20px; height: 10px; display: inline-block;"></span> Waterbody                         |                                                                                                              |                                                                                                             |
| <span style="color: blue;">---</span> Stream Ditch Canal                                                                          |                                                                                                              |                                                                                                             |
| <span style="border: 1px solid red; width: 20px; height: 10px; display: inline-block;"></span> Parcels                            |                                                                                                              |                                                                                                             |

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Date: 10/8/2015

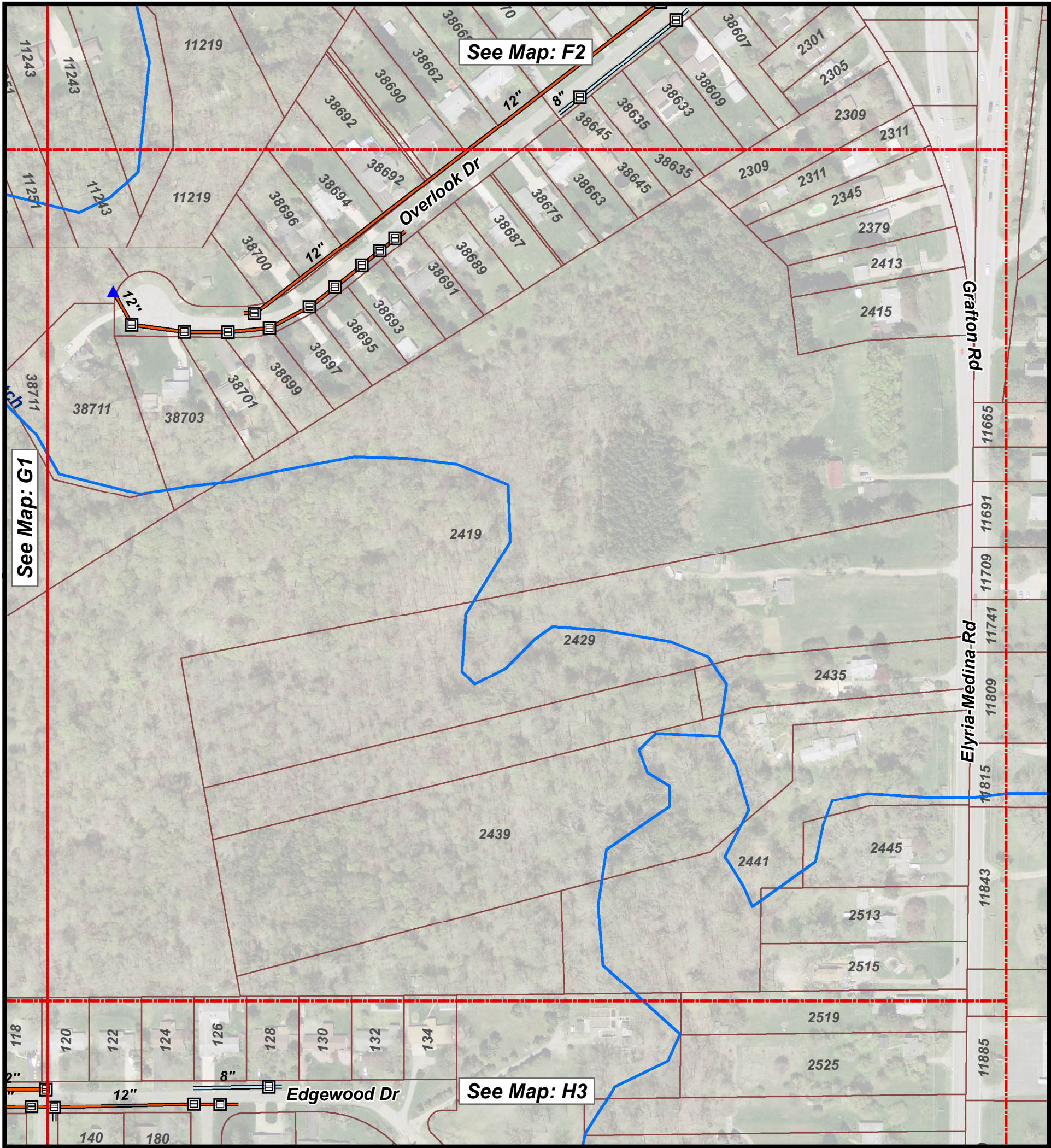
Prepared By:



Grid Location Map







# Lorain County MS4 Facilities Carlisle Township Grid ID: G2

**Legend**

- Grid\_Carlisle\_9\_15
- Size
- Outfalls
- Manholes
- Catchbasins
- Ditch
- Culverts
- Waterbody
- Stream Ditch Canal
- Parcels

- Unknown
- <8"
- 8"
- 10"
- 12"
- 14"through 16"
- 18"
- 20" through 24"
- 27 " through 33" "
- 36
- 42
- >42"

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 Data Collected Y2013.

0

100

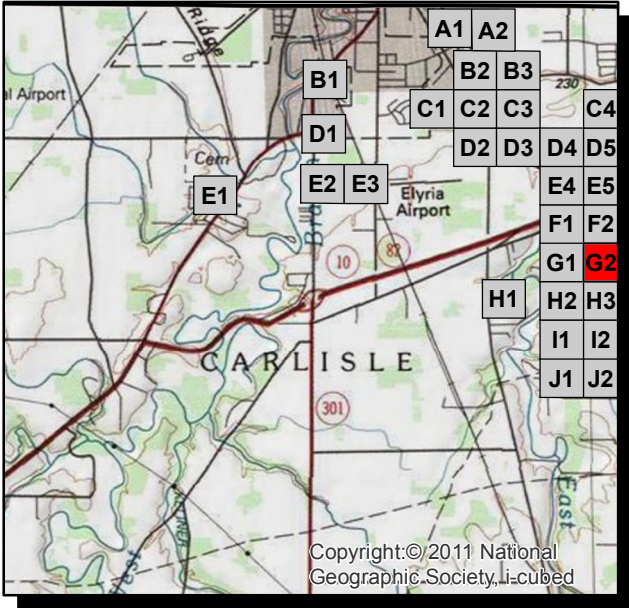
200

400

Feet

Date: 10/8/2015

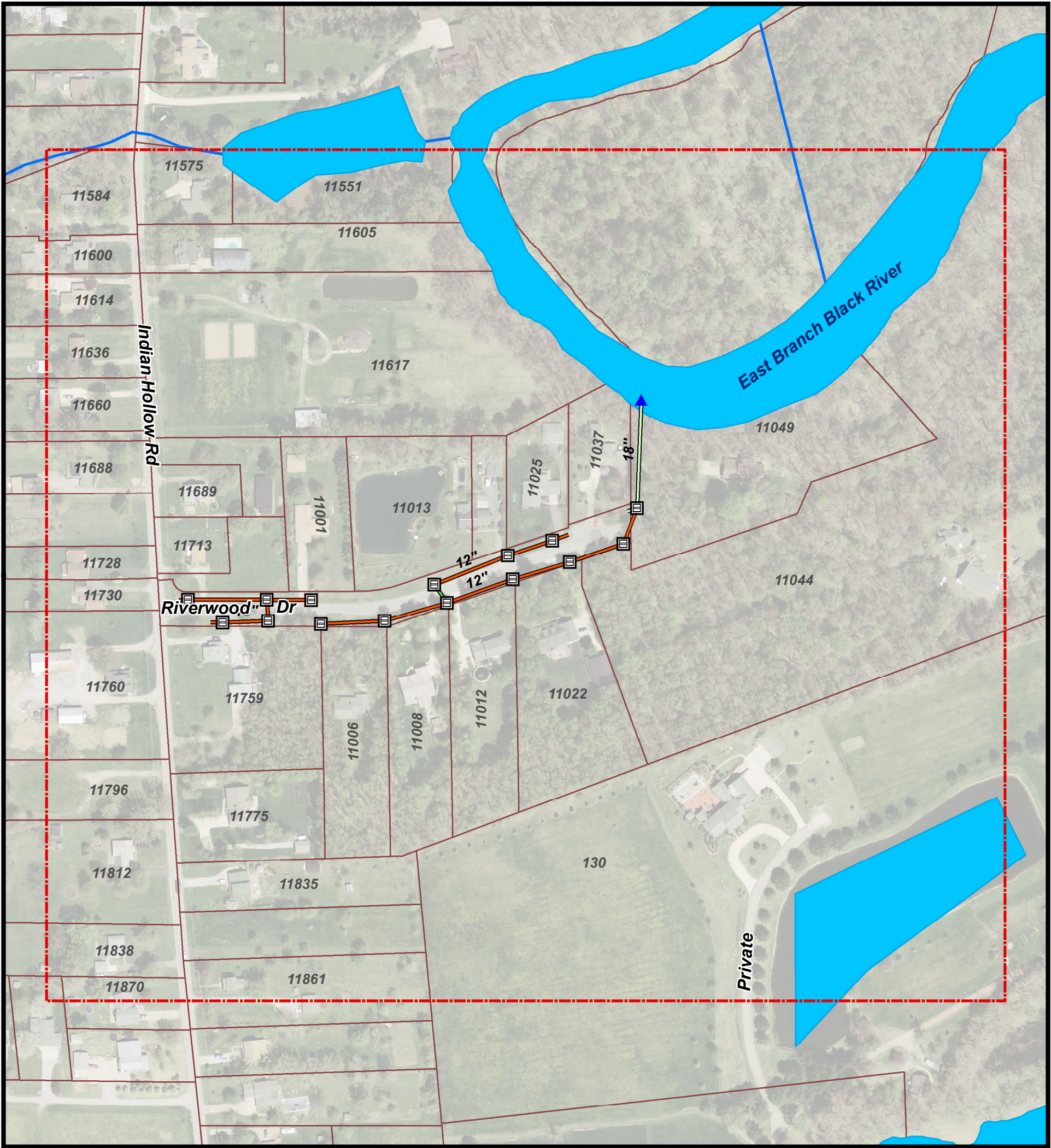
Prepared By:



Grid Location Map







**Lorain County MS4 Facilities**  
**Carlisle Township**  
**Grid ID: H1**

**Legend**

Grid\_Carlisle\_9\_15

Size

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

Unknown

<8"

8"

10"

12"

14"through 16"

18"

20" through 24"

27 " through 33" "

36

42

>42"

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Data Collected Y2013.

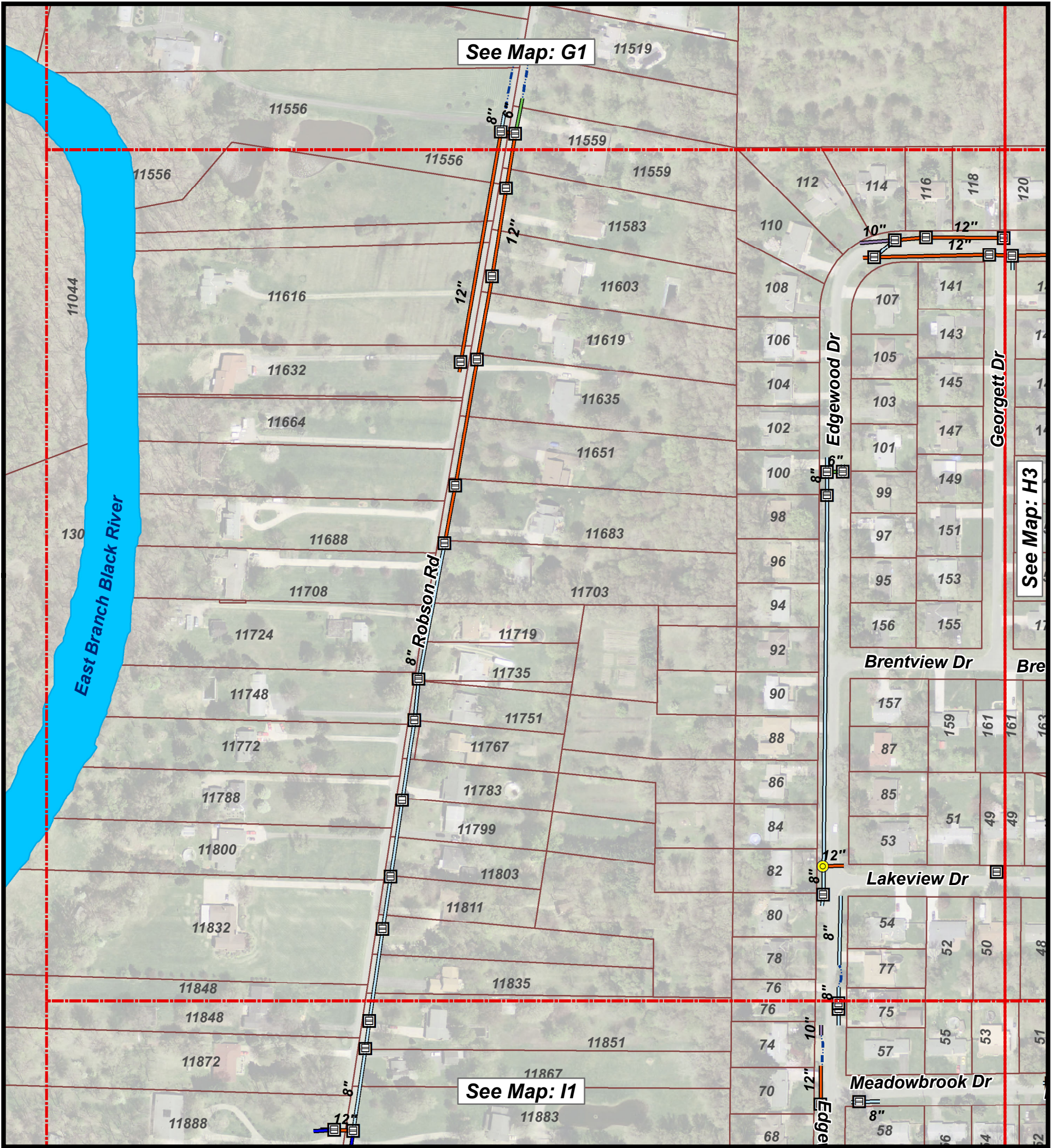
Date: 10/8/2015

Prepared By:

Grid Location Map

Page 24 of 30





# **Lorain County MS4 Facilities** **Carlisle Township** **Grid ID: H2**

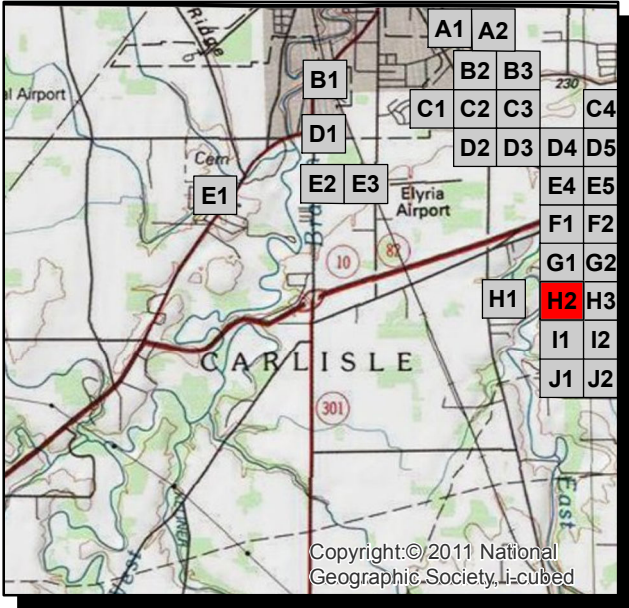


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 Data Collected Y2013.

0 100 200 400 Feet

Date: 10/8/2015

Prepared By:



Grid Location Map

**Legend**

Grid\_Carlisle\_9\_15 **Size**

- ▲ Outfalls
- Manholes
- Catchbasins
- Ditch
- Culverts
- Waterbody
- Stream Ditch Canal
- Parcels

--- Unknown

--- <8"

--- 8"

--- 10"

--- 12"

--- 14"through 16"

--- 18"

--- 20" through 24"

--- 27 " through 33 "

--- 36

--- 42

--- >42"

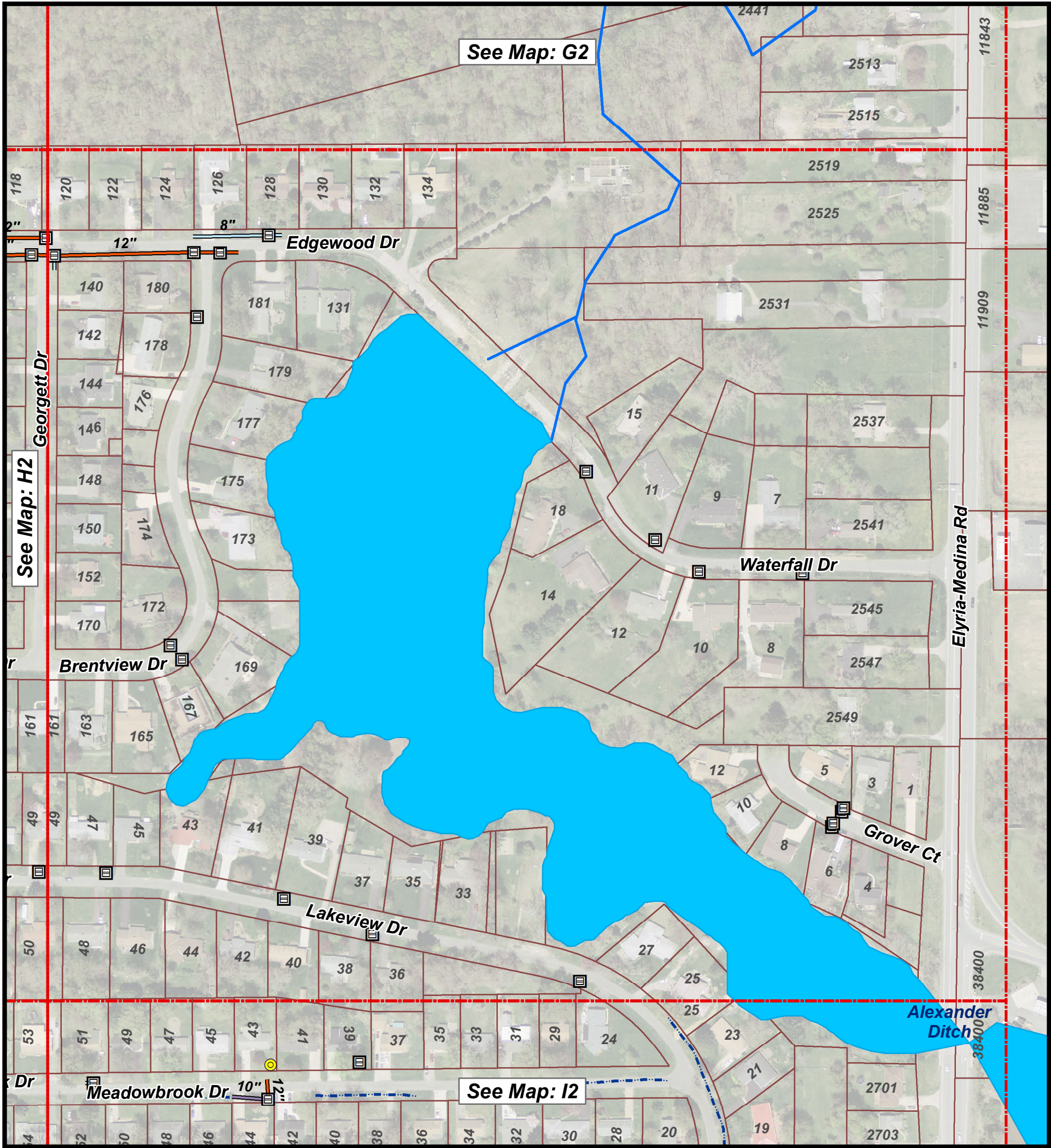


**KEM**

K.E. McCartney & Associates, Inc.

ENGINEERS · PLANNERS · SURVEYORS





# **Lorain County MS4 Facilities** **Carlisle Township** **Grid ID: H3**

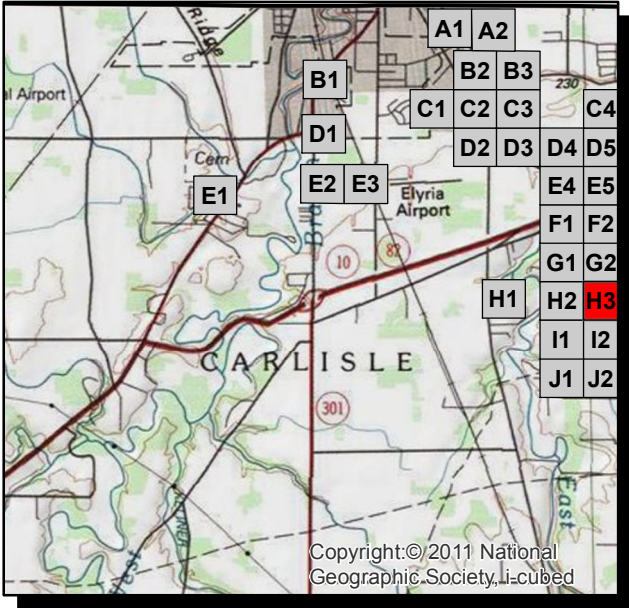


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 Data Collected Y2013.

0 100 200 400 Feet

Date: 10/8/2015

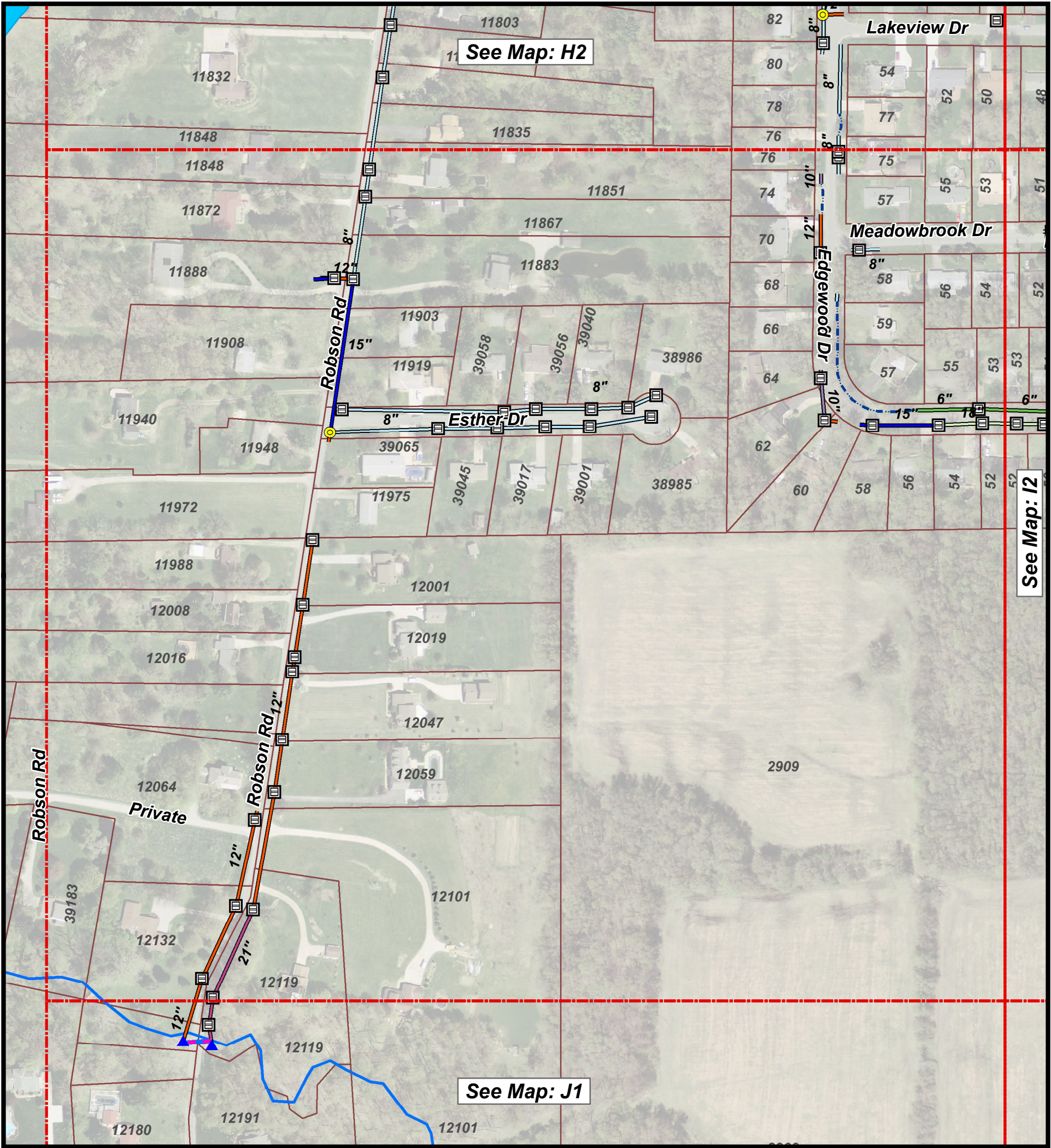
Prepared By:



Grid Location Map







# Lorain County MS4 Facilities

## Carlisle Township

### Grid ID: I1

**Legend**  

Grid\_Carlisle\_9\_15

Size

▲

Outfalls

●

Manholes

⌘

Catchbasins

---

Ditch

▬

Culverts

■

Waterbody

—

Stream Ditch Canal

▭

Parcels

—

Unknown

—

<8"

—

8"

—

10"

—

12"

—

14"through 16"

—

18"

—

20" through 24"

—

27 " through 33 " "

—

36

—

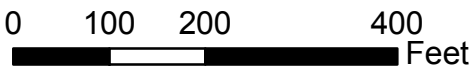
42

—

>42"

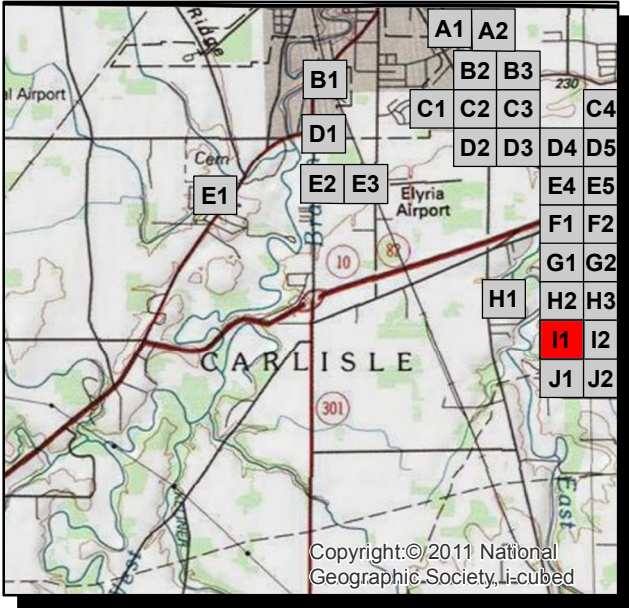


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Date: 10/8/2015

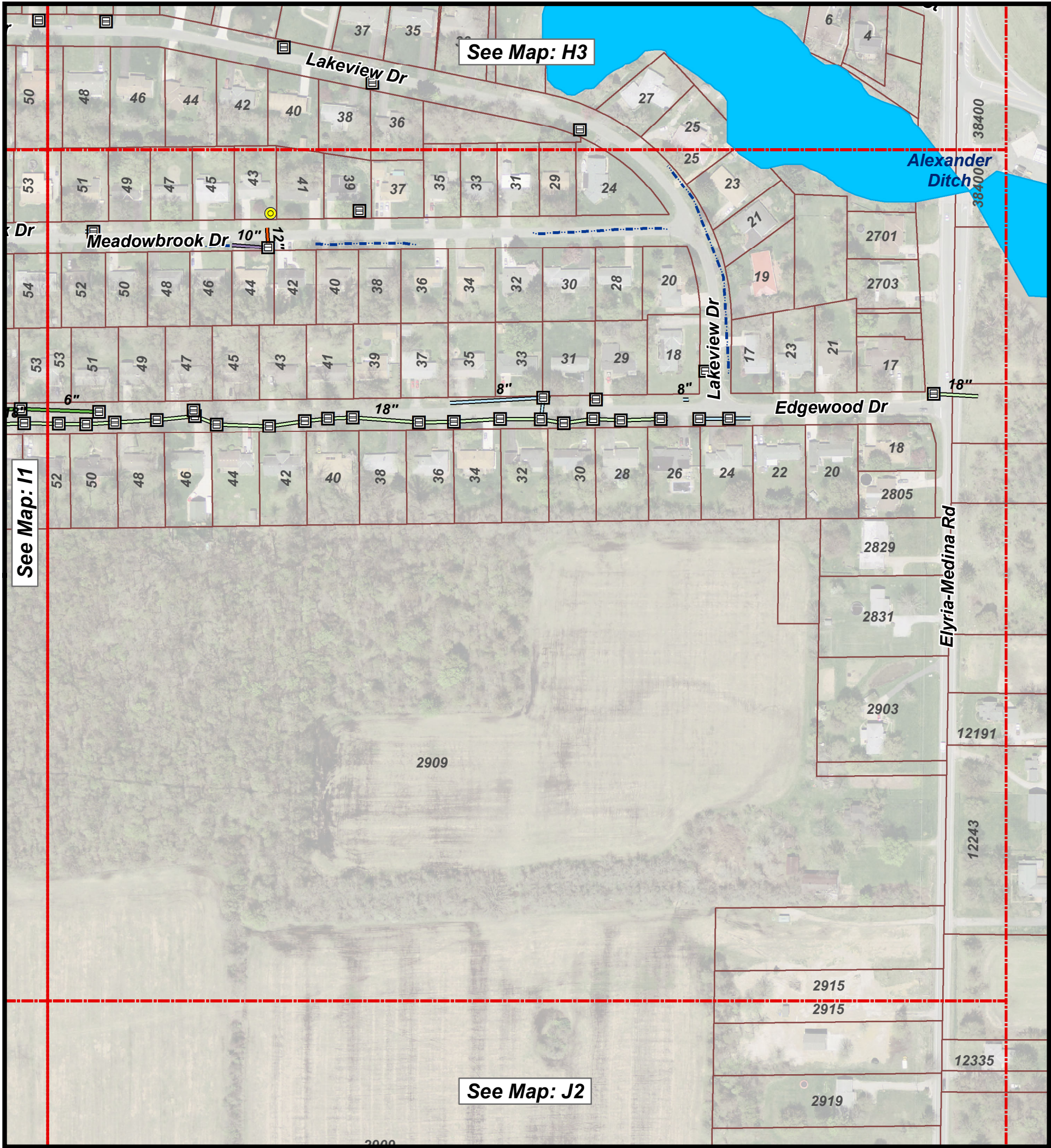
Prepared By:



Grid Location Map







# Lorain County MS4 Facilities Carlisle Township Grid ID: I2

**Legend**

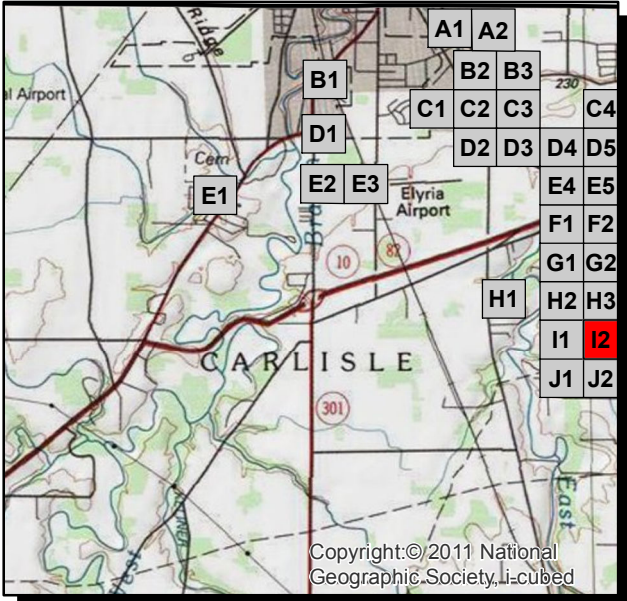
- Grid\_Carlisle\_9\_15
- Size
- Outfalls
- Manholes
- Catchbasins
- Ditch
- Culverts
- Waterbody
- Stream Ditch Canal
- Parcels
- Unknown
- <8"
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0 100 200 400 Feet

Date: 10/8/2015

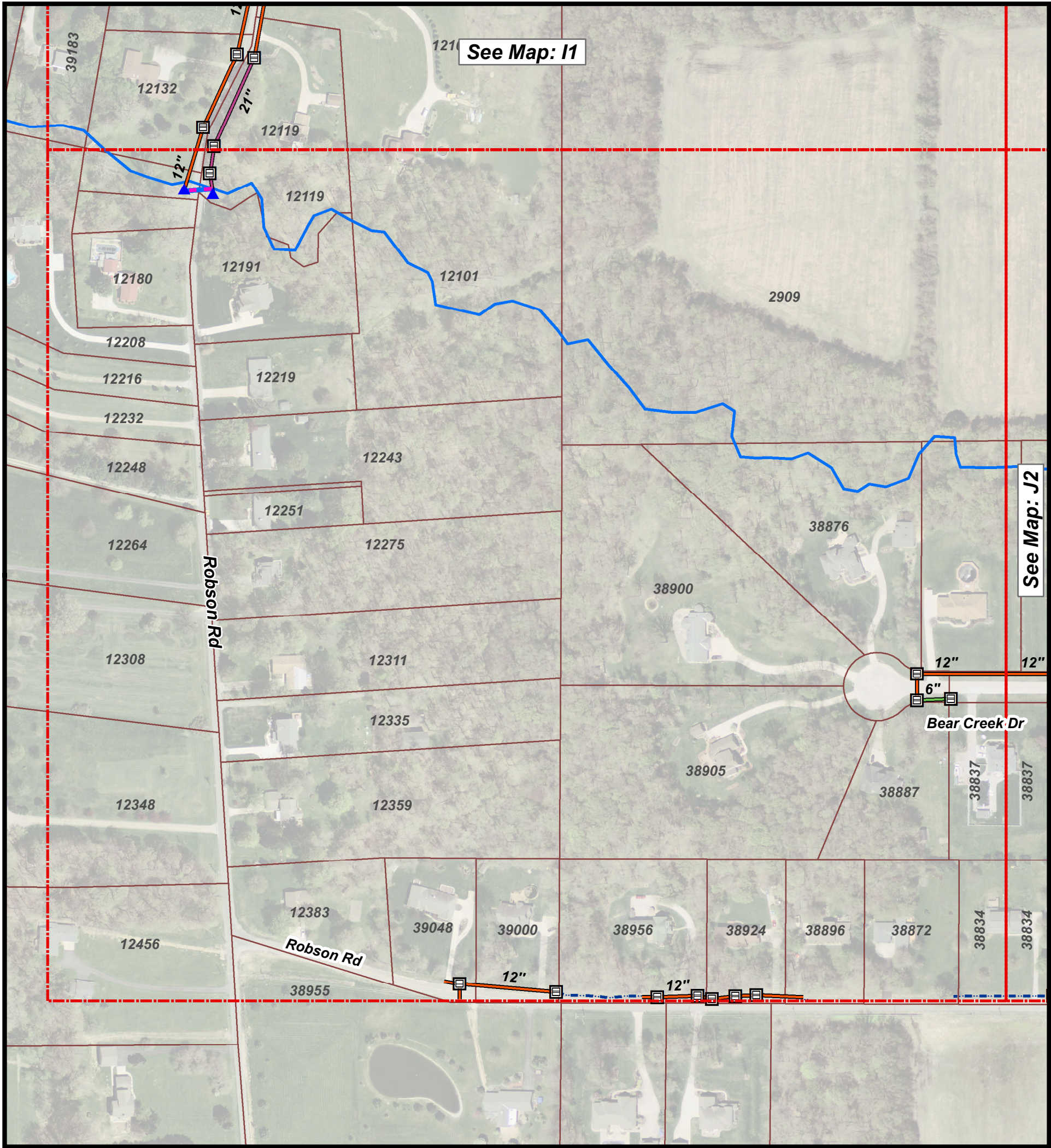
Prepared By:



Grid Location Map







# Lorain County MS4 Facilities Carlisle Township Grid ID: J1

**Legend**

Grid\_Carlisle\_9\_15 **Size**

- ▲ Outfalls
- Manholes
- Catchbasins
- Ditch
- Culverts
- Waterbody
- Stream Ditch Canal
- Parcels

**Size**

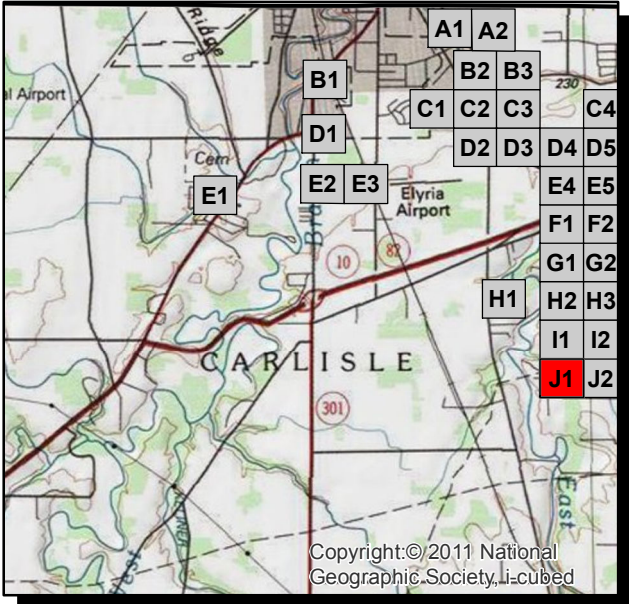
- Unknown
- <8"
- 8"
- 10"
- 12"
- 14"through 16"
- 18"
- 20" through 24"
- 27 " through 33" "
- 36
- 42
- >42"

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 Data Collected Y2013.

0    100    200    400  
 Feet

Date: 10/8/2015

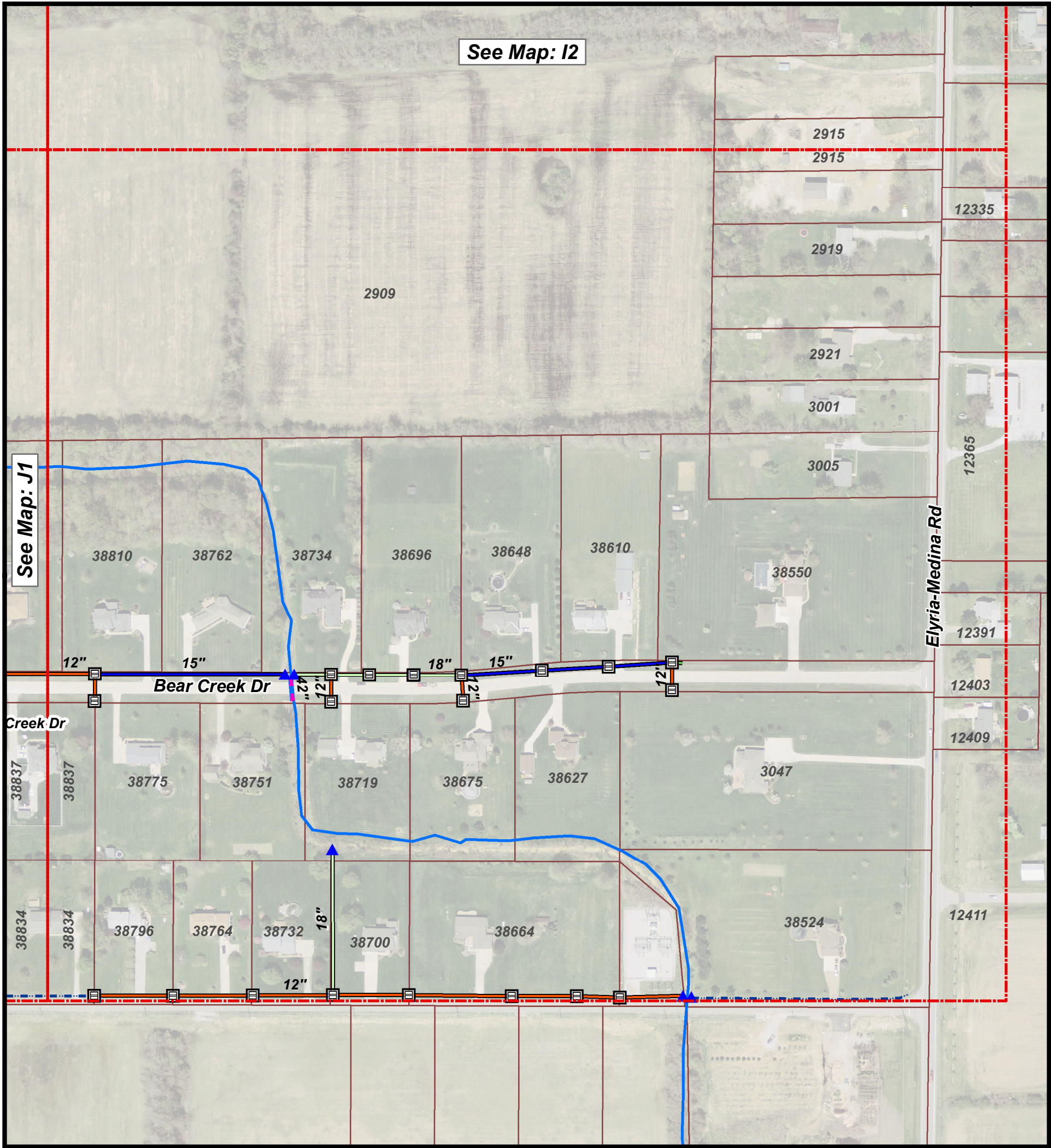
Prepared By:



Grid Location Map







# Lorain County MS4 Facilities Carlisle Township Grid ID: J2

**Legend**

Grid\_Carlisle\_9\_15

Size

Outfalls

Manholes

Catchbasins

Ditch

Culverts

Waterbody

Stream Ditch Canal

Parcels

Unknown

<8"

8"

10"

12"

14"through 16"

18"

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27 "through 33" "

36

42

>42"

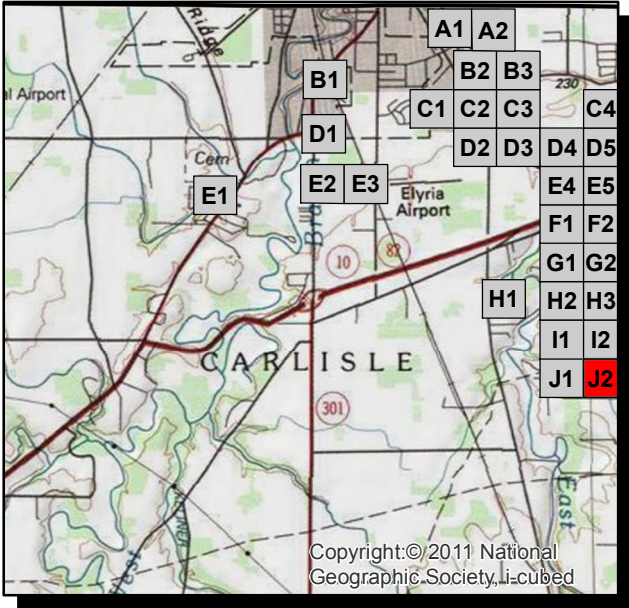


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Grid Location Map

