Components and BBUs
Dry Weather Flow

Date: 10/7/2020

N

0   2,300   4,600
Feet

Document Path: P:\Cl\5008\01e\Docs\GIS_Data\Projects\Capacity_Evaluation\ModelMaps_20200821.mxd

MGDWF
● Controlled [45]
⬠ Activated < .01 MG [0]
⬟ Activated > .01 MG [0]

Divider Wall
■ Inactive [70]
■ Active < .01 MG [0]
■ Active > .01 MG [0]

Maintenance Access
● Inactive [0]
● Active < .01 MG [0]
● Active > .01 MG [0]

Surcharged Status
— Non-Surcharged [2,981]
— Backwater [3]
— Capacity [0]

BBU¹
■ [0]
— Non-Modeled Local Sewers
— District Sewers

1 - BBU Status Assumes 9 ft basement with 3 steps at entry at maximum ground elevation

WADE TRIM

Brown AND Caldwell

HILLTOP INTERCEPTOR

HEIGHTS INTERCEPTOR

HAYDEN - SHAW AVE BRANCH

LEE SUPERIOR ICRS

FAIRMOUNT ICRS

Cleveland Heights

University Heights

Date: 10/7/2020

N

0   2,300   4,600
Feet

SSO Status
- Controlled [20]
- Activated < .01 MG [7]
- Activated > .01 MG [18]

Divider Wall
- Inactive [58]
- Active < .01 MG [9]
- Active > .01 MG [3]

Maintenance Access
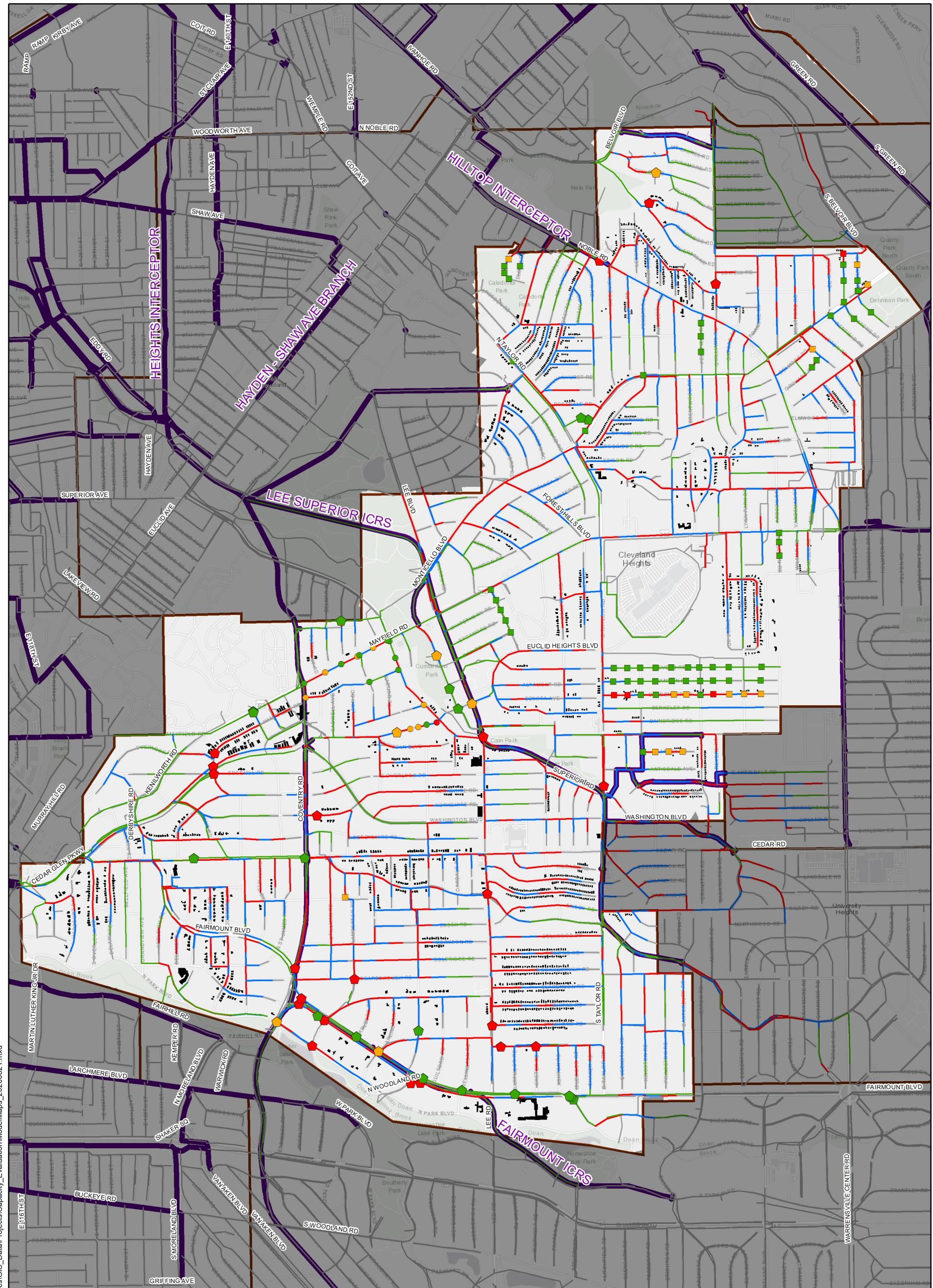- Inactive [10]
- Active < .01 MG [6]
- Active > .01 MG [1]

Surcharged Status
- Non-Surcharged [1,141]
- Backwater [945]
- Capacity [898]

BBU¹
- [1,341]
- Non-Modeled Local Sewers
- District Sewers

1 - BBU Status Assumes 9 ft basement with 3 steps at entry at maximum ground elevation

WADE TRIM

Brown AND Caldwell

Components and BBUs
2-Yr 1-Hr 15-Min Interval

HILLTOP INTERCEPTOR

HEIGHTS INTERCEPTOR

HAYDEN - SHAW AVE BRANCH

LEE SUPERIOR ICRS

FAIRMOUNT ICRS

Cleveland Heights

Date: 10/7/2020

N

0   2,300   4,600
Feet

Document Path: P:\Clh5008\01e\Docs\GIS_DataProjects\Capacity_Evaluation\ModelMaps_20200821.mxd

SSO Status
- Controlled [18]
- Activated < .01 MG [6]
- Activated > .01 MG [21]

Divider Wall
- Inactive [53]
- Active < .01 MG [13]
- Active > .01 MG [4]

Maintenance Access
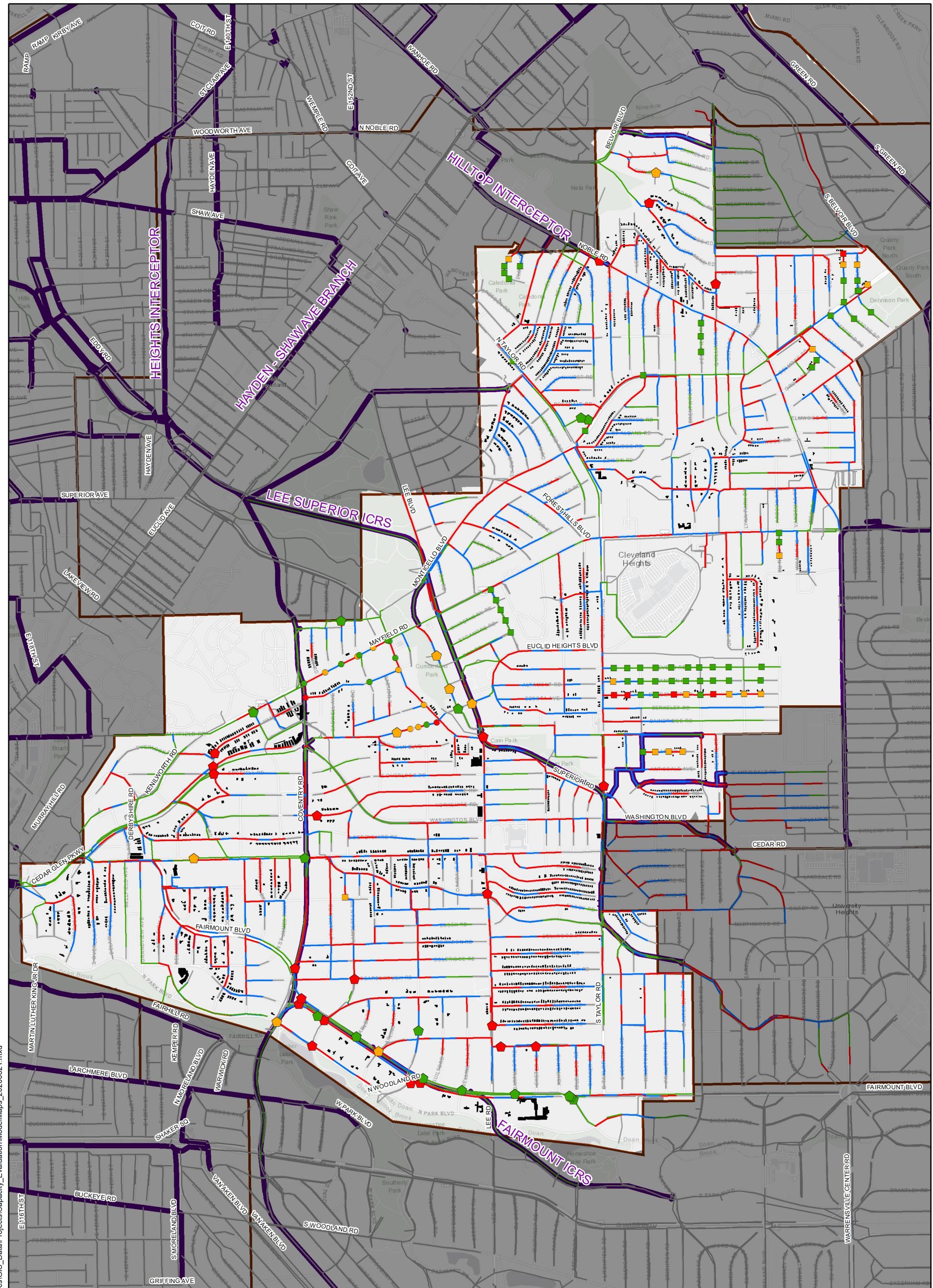- Inactive [9]
- Active < .01 MG [7]
- Active > .01 MG [1]

Surcharged Status
- Non-Surcharged [963]
- Backwater [980]
- Capacity [1,041]

BBU¹
- [2,027]
- Non-Modeled Local Sewers
- District Sewers

1 - BBU Status Assumes 9 ft basement with 3 steps at entry at maximum ground elevation

WADE TRIM

Brown AND Caldwell

Components and BBUs
5-Yr 1-Hr 15-Min Interval

Street labels visible on map include: KIRBY AVE, RAMP, COIT RD, E 140TH ST, E 147TH ST, ST CLAIR AVE, WOODWORTH AVE, HAYDEN AVE, SHAW AVE, VANHOE RD, GREEN RD, S GREEN RD, BELVOIR BLVD, HILLTOP INTERCEPTOR, HEIGHTS INTERCEPTOR, HAYDEN - SHAW AVE BRANCH, EDDY RD, SUPERIOR AVE, EUCLID AVE, LAKEVIEW RD, NOBLE RD, N TAYLOR RD, LEE BLVD, FORESTHILLS BLVD, LEE SUPERIOR ICRS, MONTICELLO BLVD, MAYFIELD RD, Cleveland Heights, EUCLID HEIGHTS BLVD, KENILWORTH RD, COVENTRY RD, DERBYSHIRE RD, CEDAR GLEN PKWY, MURRAY HILL RD, FAIRMOUNT BLVD, Cain Park, SUPERIOR RD, WASHINGTON BLVD, CEDAR RD, S TAYLOR RD, University Heights, N PARK BLVD, FAIRHILL RD, N WOODLAND RD, LEE RD, FAIRMOUNT ICRS, W PARK BLVD, MARTIN LUTHER KING JR DR, LARCHMERE BLVD, KEMPER RD, N MORELAND BLVD, WARWICK RD, SHAKER BLVD, S MORELAND BLVD, BUCKEYE RD, GRIFFING AVE, VAN AKEN BLVD, S WOODLAND RD, WARRENSVILLE CENTER RD, FAIRMOUNT BLVD

Date: 10/7/2020

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N

0   2,300   4,600
Feet

SSO Status
- Controlled [15]
- Activated < .01 MG [9]
- Activated > .01 MG [21]

Divider Wall
- Inactive [50]
- Active < .01 MG [15]
- Active > .01 MG [5]

Maintenance Access
- Inactive [8]
- Active < .01 MG [7]
- Active > .01 MG [2]

Surcharged Status
- Non-Surcharged [845]
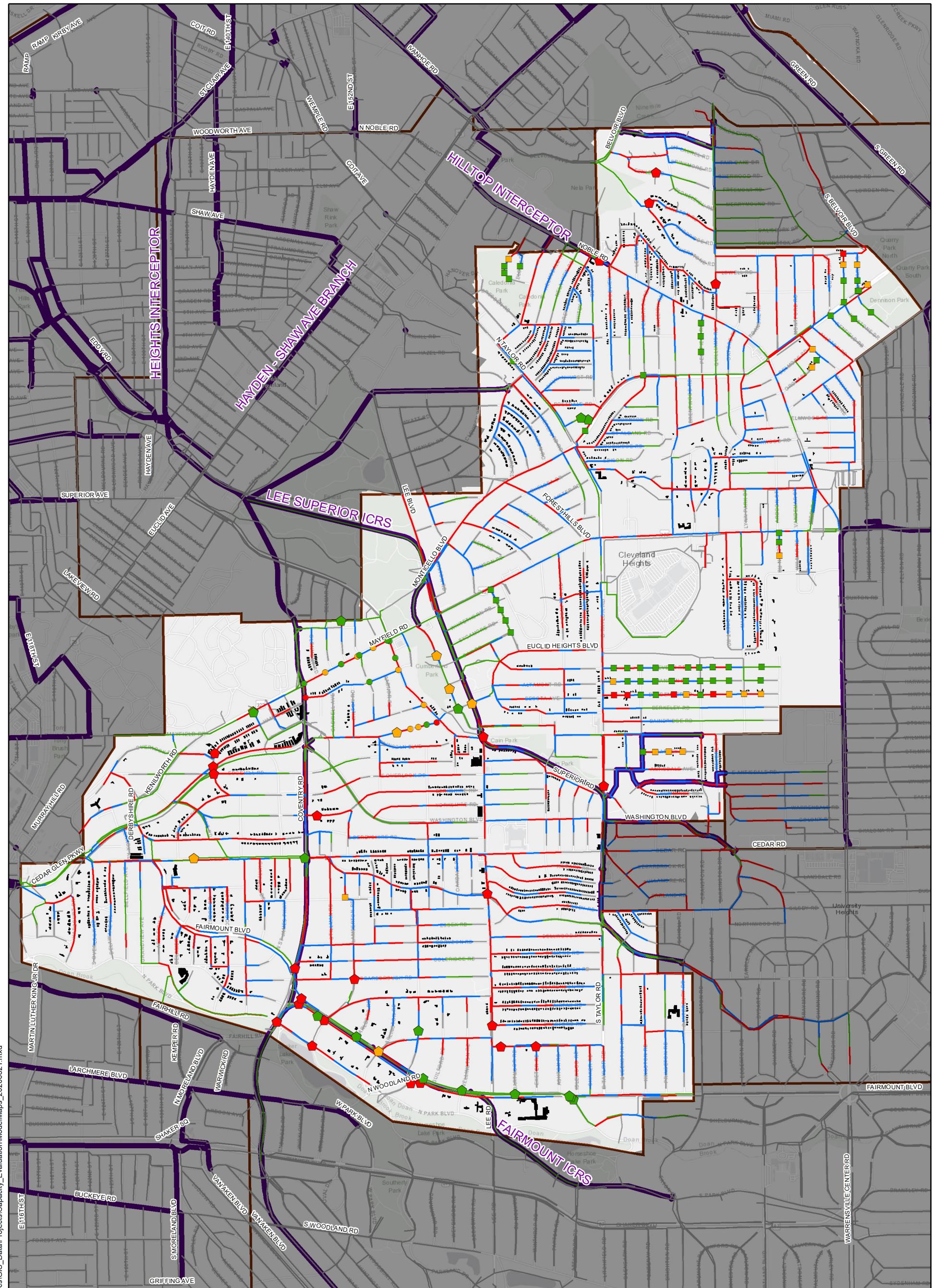- Backwater [1,002]
- Capacity [1,137]

BBU[1]
- [2,583]
- Non-Modeled Local Sewers
- District Sewers

1 - BBU Status Assumes 9 ft basement with 3 steps at entry at maximum ground elevation

WADE TRIM

Brown AND Caldwell

Components and BBUs
10-Yr 1-Hr 15-Min Interval

Map labels and annotations:

Interceptor and sewer system labels:
- HILLTOP INTERCEPTOR
- HEIGHTS INTERCEPTOR
- HAYDEN - SHAW AVE BRANCH
- LEE SUPERIOR ICRS
- FAIRMOUNT ICRS

Area labels:
- Cleveland Heights
- University Heights
- Cain Park
- Caledonia Park
- Dennison Park
- Quarry Park North
- Quarry Park South
- Shaw Rink Park
- Cumberland Park

Street names (selection):
RAMP, KIRBY AVE, COIT RD, RUGBY RD, E 140TH ST, WEYMOUTH RD, E 152ND ST, N NOBLE RD, VAN AKEN RD, GREEN RD, S GREEN RD, BELVOIR BLVD, SELWYN BLVD, WOODWORTH AVE, HAYDEN AVE, COTTA AVE, SHAW AVE, ST CLAIR AVE, SUPERIOR AVE, EDDY RD, EUCLID AVE, LAKEVIEW RD, HAYDEN AVE, MURRAY HILL RD, E 118TH ST, MARTIN LUTHER KING JR DR, LARCHMERE BLVD, KEMPER RD, WARWICK RD, N MORELAND BLVD, SHAKER RD, BUCKEYE RD, S MORELAND BLVD, VAN AKEN BLVD, GRIFFING AVE, S WOODLAND RD, W PARK BLVD, N WOODLAND RD, FAIRHILL RD, CEDAR GLEN PKWY, DERBYSHIRE RD, KENILWORTH RD, COVENTRY RD, FAIRMOUNT BLVD, LEE RD, WASHINGTON BLVD, SUPERIOR RD, CEDAR RD, S TAYLOR RD, EUCLID HEIGHTS BLVD, FOREST HILLS BLVD, MONTICELLO BLVD, MAYFIELD RD, LEE BLVD, N TAYLOR RD, NOBLE RD, BERKELEY RD

Date: 10/7/2020

N

0   2,300   4,600
Feet

SSO Status
- ⬟ Controlled [15]
- ⬟ Activated < .01 MG [7]
- ⬟ Activated > .01 MG [23]

Divider Wall
- ■ Inactive [49]
- ■ Active < .01 MG [16]
- ■ Active > .01 MG [5]

Maintenance Access
- ● Inactive [8]
- ● Active < .01 MG [7]
- ● Active > .01 MG [2]

Surcharged Status
- Non-Surcharged [776]
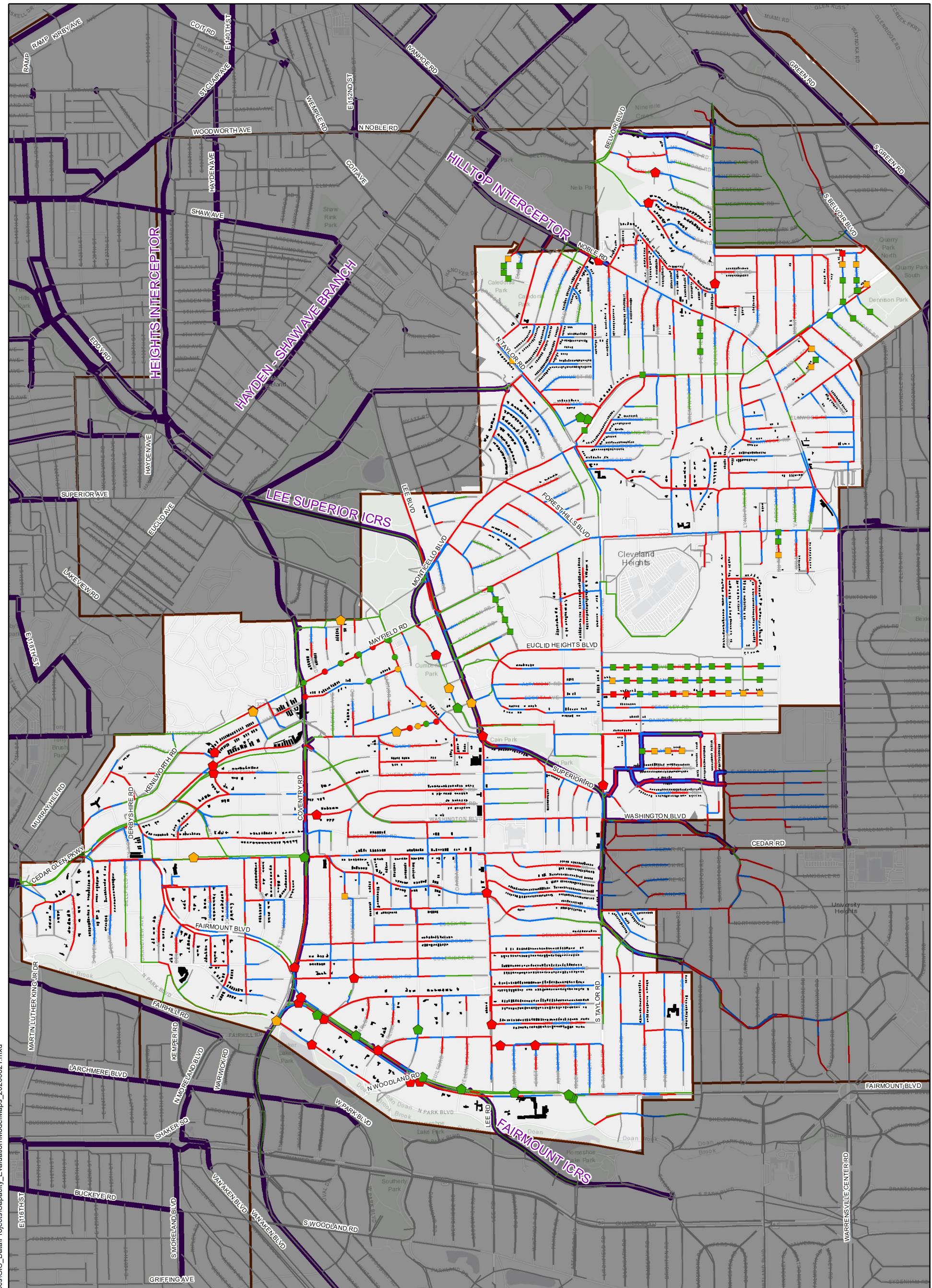- Backwater [1,055]
- Capacity [1,153]

BBU¹
- ■ [2,868]
- Non-Modeled Local Sewers
- District Sewers

1 - BBU Status Assumes 9 ft basement with 3 steps at entry at maximum ground elevation

WADE TRIM

Brown AND Caldwell

Components and BBUs
10-Yr 6-Hr 15-Min Interval

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Date: 10/7/2020

N

0　　　2,300　　　4,600
Feet

SSO Status
- Controlled [13]
- Activated < .01 MG [7]
- Activated > .01 MG [25]

Divider Wall
- Inactive [48]
- Active < .01 MG [17]
- Active > .01 MG [5]

Maintenance Access
- Inactive [8]
- Active < .01 MG [3]
- Active > .01 MG [6]

Surcharged Status
- Non-Surcharged [701]
- Backwater [1,007]
- Capacity [1,276]

BBU¹
- [3,402]
- Non-Modeled Local Sewers
- District Sewers

1 - BBU Status Assumes 9 ft basement with 3 steps at entry at maximum ground elevation

WADE TRIM

Brown AND Caldwell

Components and BBUs
25-Yr 1-Hr 15-Min Interval