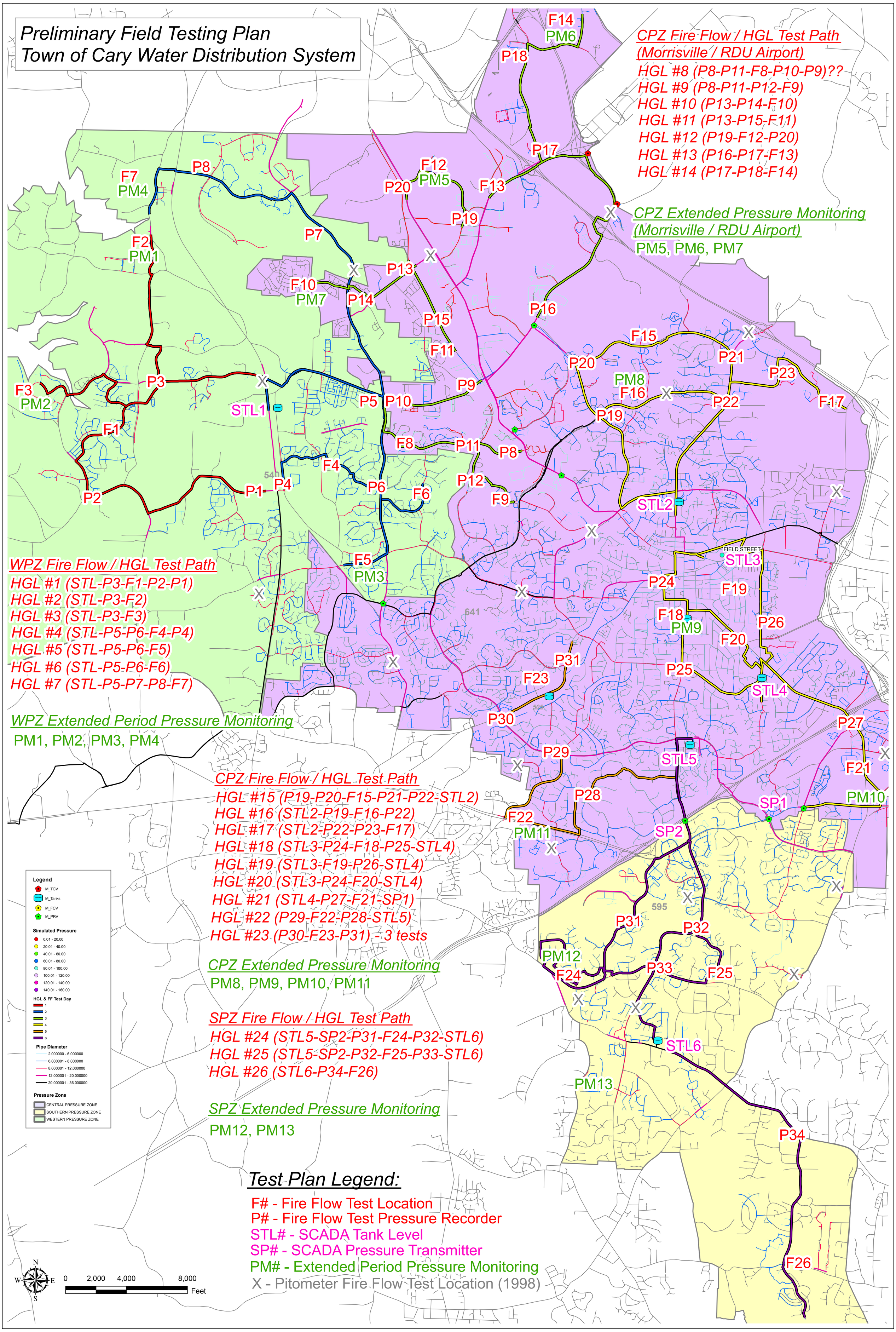
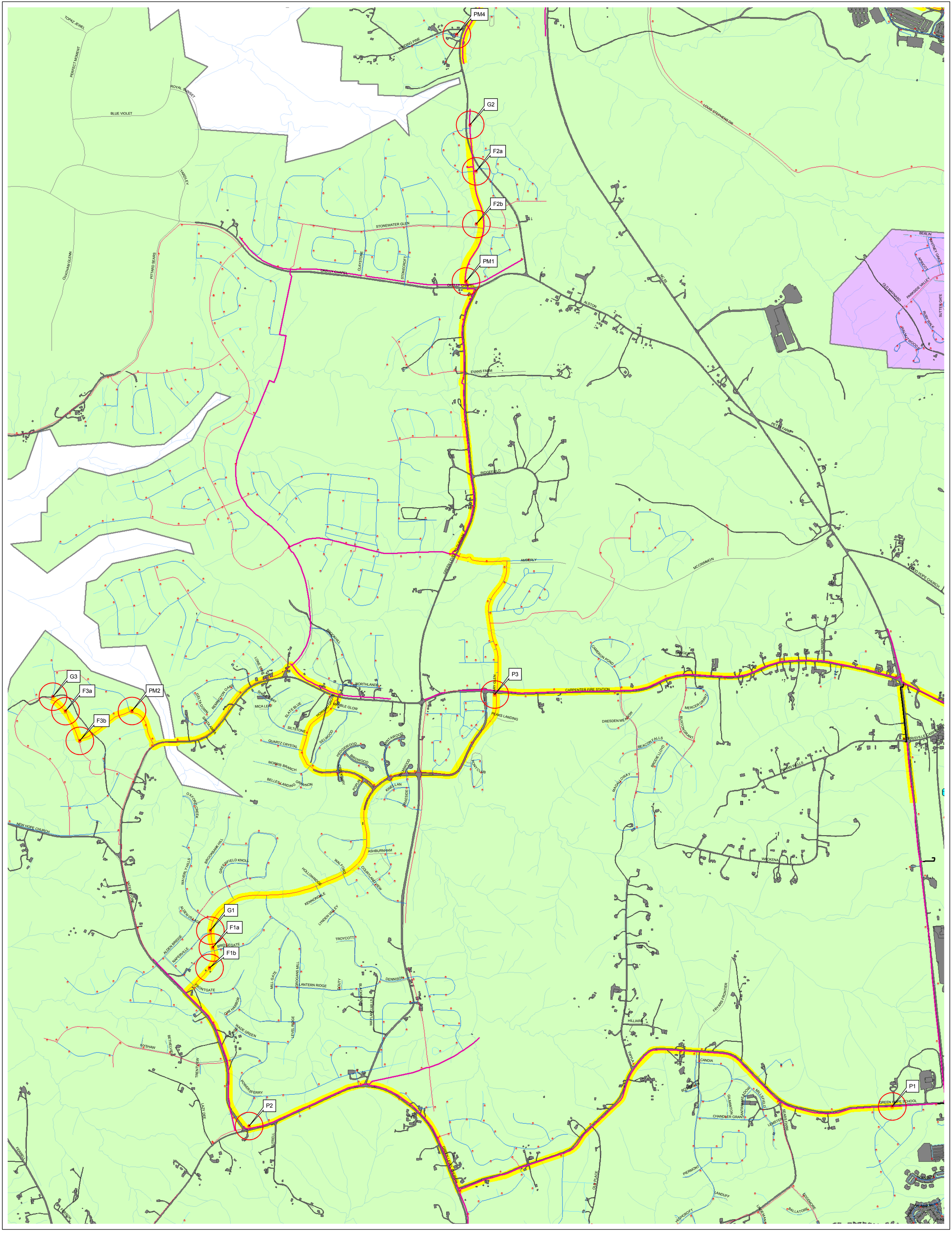
Appendix B

Field Test Plan

Preliminary Field Testing Plan
Town of Cary Water Distribution System





Legend

- Test Hydrants
- Hydrants
- Impervious Surfaces
- Roads
- HGL Tests

Pipes

- 2.000000 - 6.000000
- 6.000001 - 8.000000
- 8.000001 - 12.000000
- 12.000001 - 20.000000
- 20.000001 - 36.000000

Pressure Zones

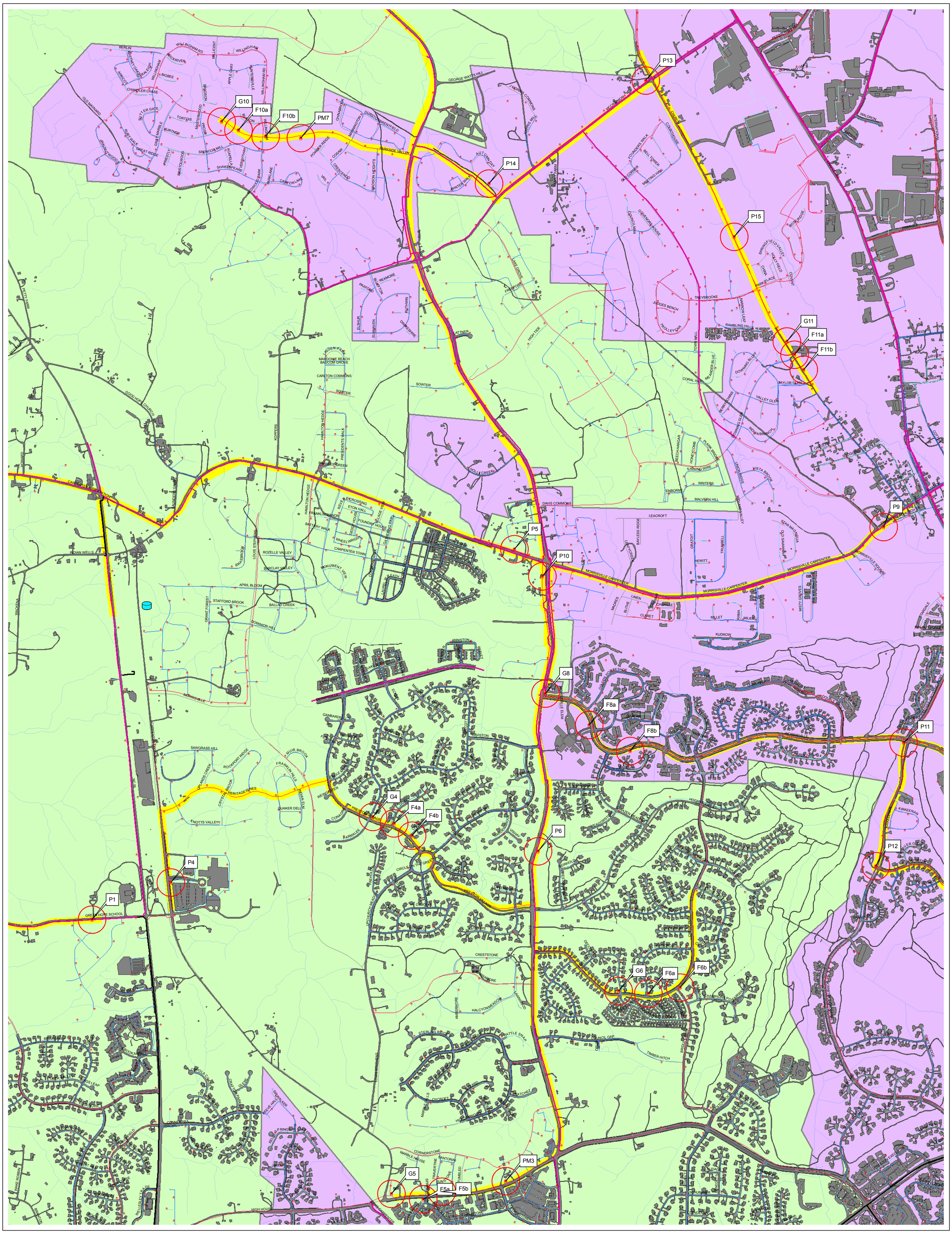
- CENTRAL PRESSURE ZONE
- SOUTHERN PRESSURE ZONE
- WESTERN PRESSURE ZONE

CH2MHILL

Day 1
Detailed Field Testing

N

0 0.25 0.5 1 Miles



Legend

- Test Hydrants
- Hydrants
- Impervious Surfaces
- Roads
- HGL Tests

Pipes

- 2.000000 - 6.000000
- 6.000001 - 8.000000
- 8.000001 - 12.000000
- 12.000001 - 20.000000
- 20.000001 - 36.000000

Pressure Zones

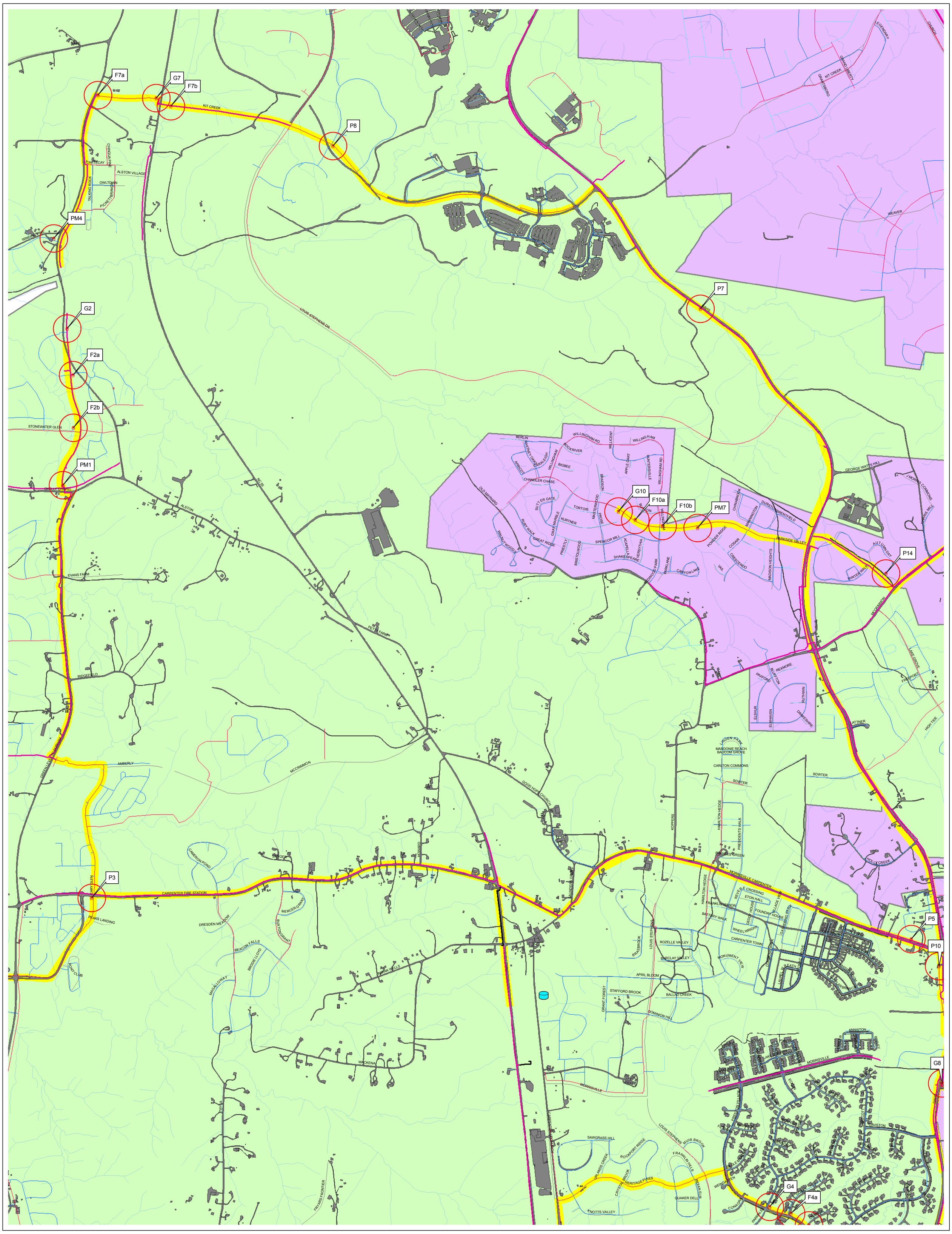
- CENTRAL PRESSURE ZONE
- SOUTHERN PRESSURE ZONE
- WESTERN PRESSURE ZONE

CH2MHILL

Day 2
Detailed Field Testing

N

0 0.25 0.5 1 Miles



Legend

- Test Hydrants
- Hydrants
- Impervious Surfaces
- Roads
- HGL Tests

Pipes

- 2.000000 - 6.000000
- 6.000001 - 8.000000
- 8.000001 - 12.000000
- 12.000001 - 20.000000
- 20.000001 - 36.000000

Pressure Zones

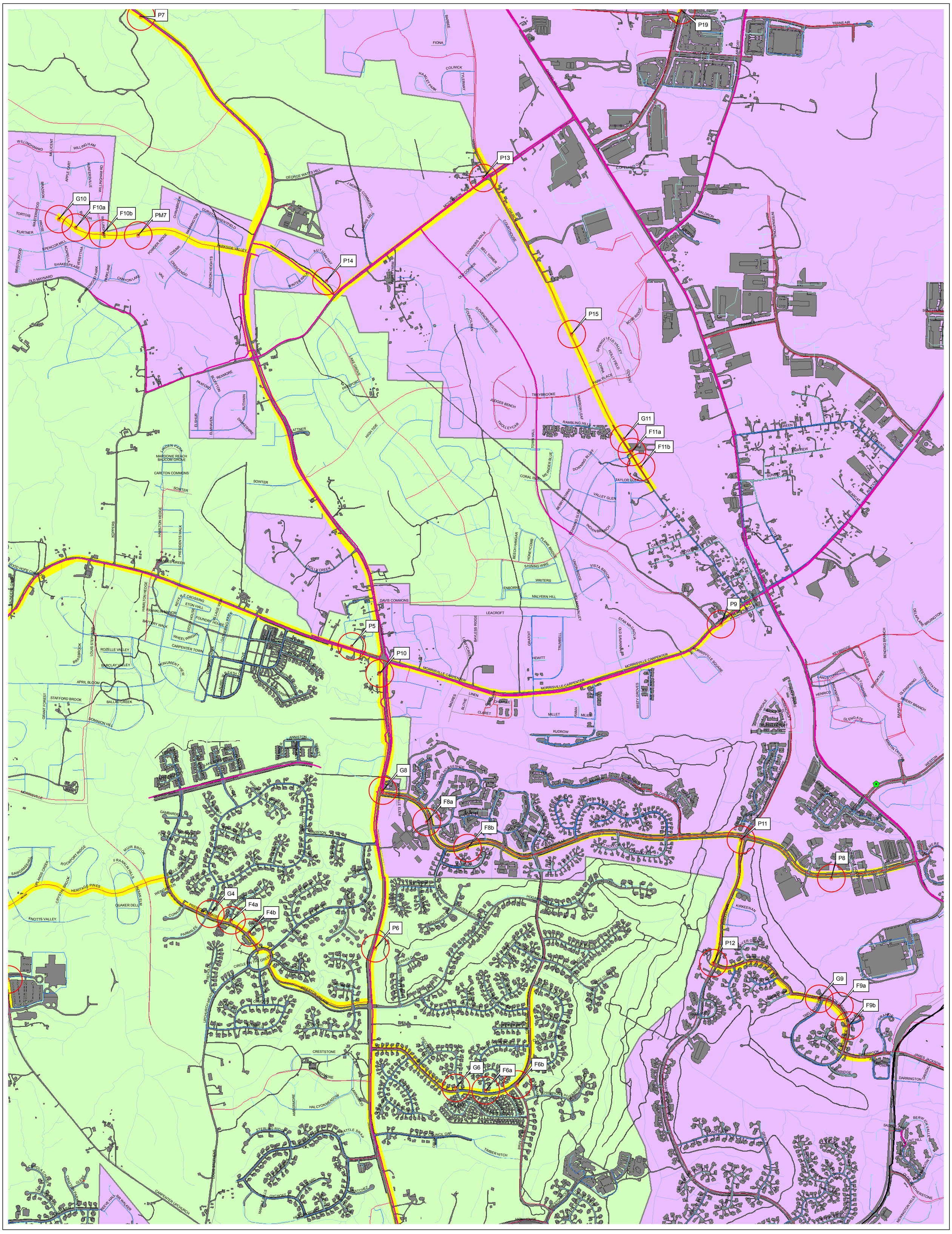
- CENTRAL PRESSURE ZONE
- SOUTHERN PRESSURE ZONE
- WESTERN PRESSURE ZONE

CH2MHILL

Day 2 (continued)
Detailed Field Testing

N

0 0.25 0.5 1 Miles



Legend

- Test Hydrants
- Hydrants
- Impervious Surfaces
- Roads
- HGL Tests

Pipes

- 2.000000 - 6.000000
- 6.000001 - 8.000000
- 8.000001 - 12.000000
- 12.000001 - 20.000000
- 20.000001 - 36.000000

Pressure Zones

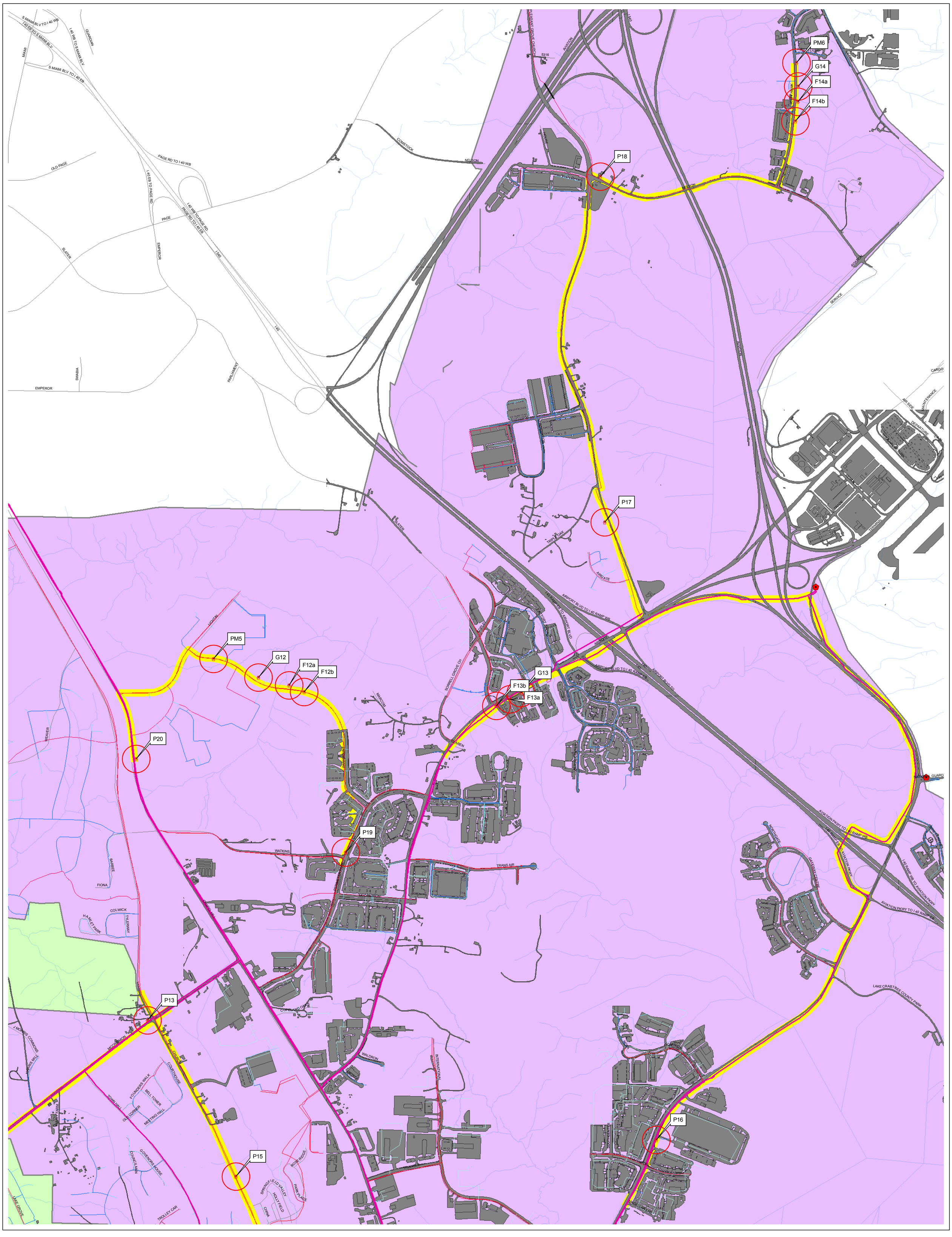
- CENTRAL PRESSURE ZONE
- SOUTHERN PRESSURE ZONE
- WESTERN PRESSURE ZONE

CH2MHILL

Day 3
Detailed Field Testing

N

0 0.25 0.5 1 Miles



Legend

- Test Hydrants
- Hydrants
- Impervious Surfaces
- Roads
- HGL Tests

Pipes

- 2.000000 - 6.000000
- 6.000001 - 8.000000
- 8.000001 - 12.000000
- 12.000001 - 20.000000
- 20.000001 - 36.000000

Pressure Zones

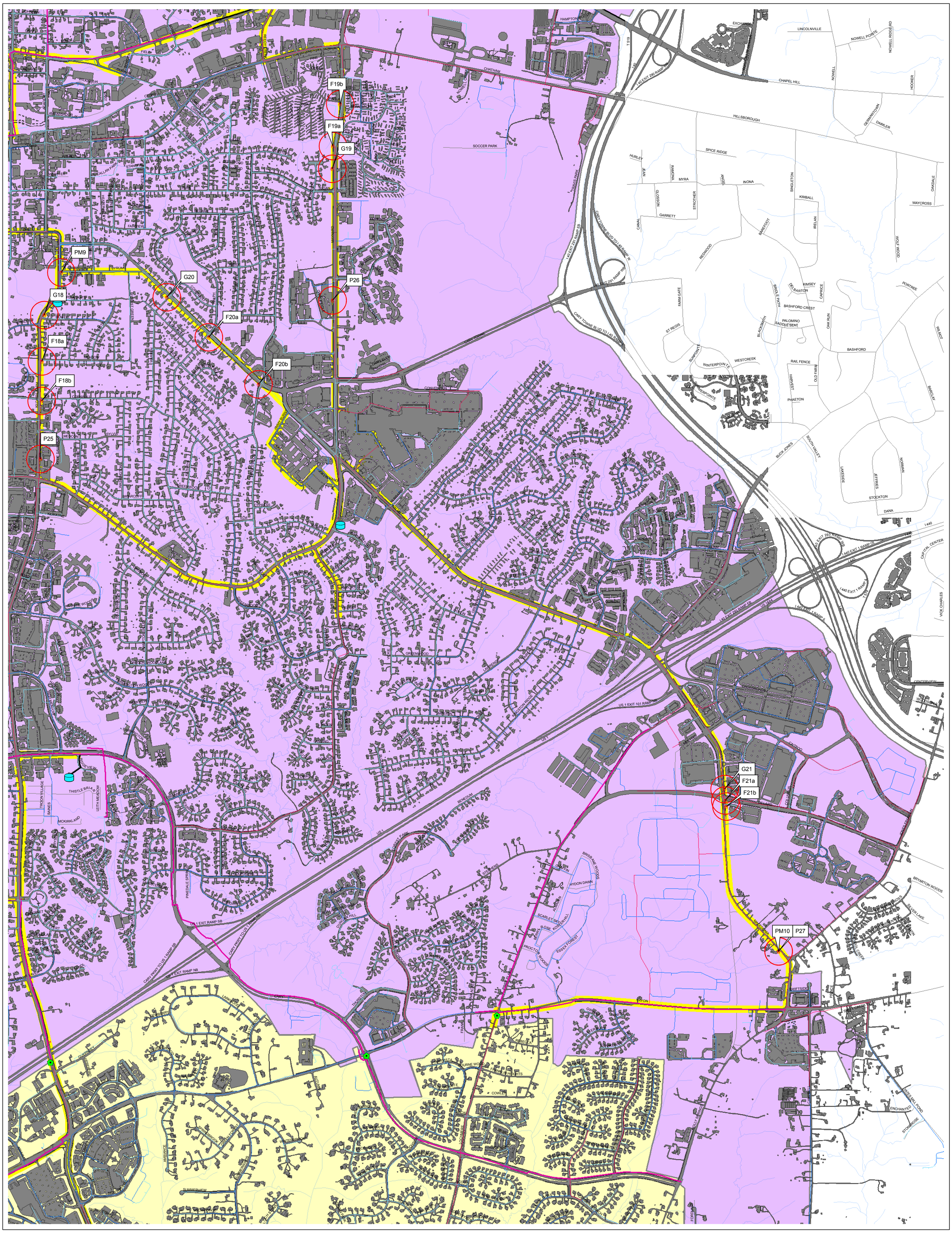
- CENTRAL PRESSURE ZONE
- SOUTHERN PRESSURE ZONE
- WESTERN PRESSURE ZONE

CH2MHILL

Day 3 (continued)
Detailed Field Testing

N

0 0.25 0.5 1 Miles



Legend

- Test Hydrants
- Hydrants
- Impervious Surfaces
- Roads
- HGL Tests

Pipes

- 2.000000 - 6.000000
- 6.000001 - 8.000000
- 8.000001 - 12.000000
- 12.000001 - 20.000000
- 20.000001 - 36.000000

Pressure Zones

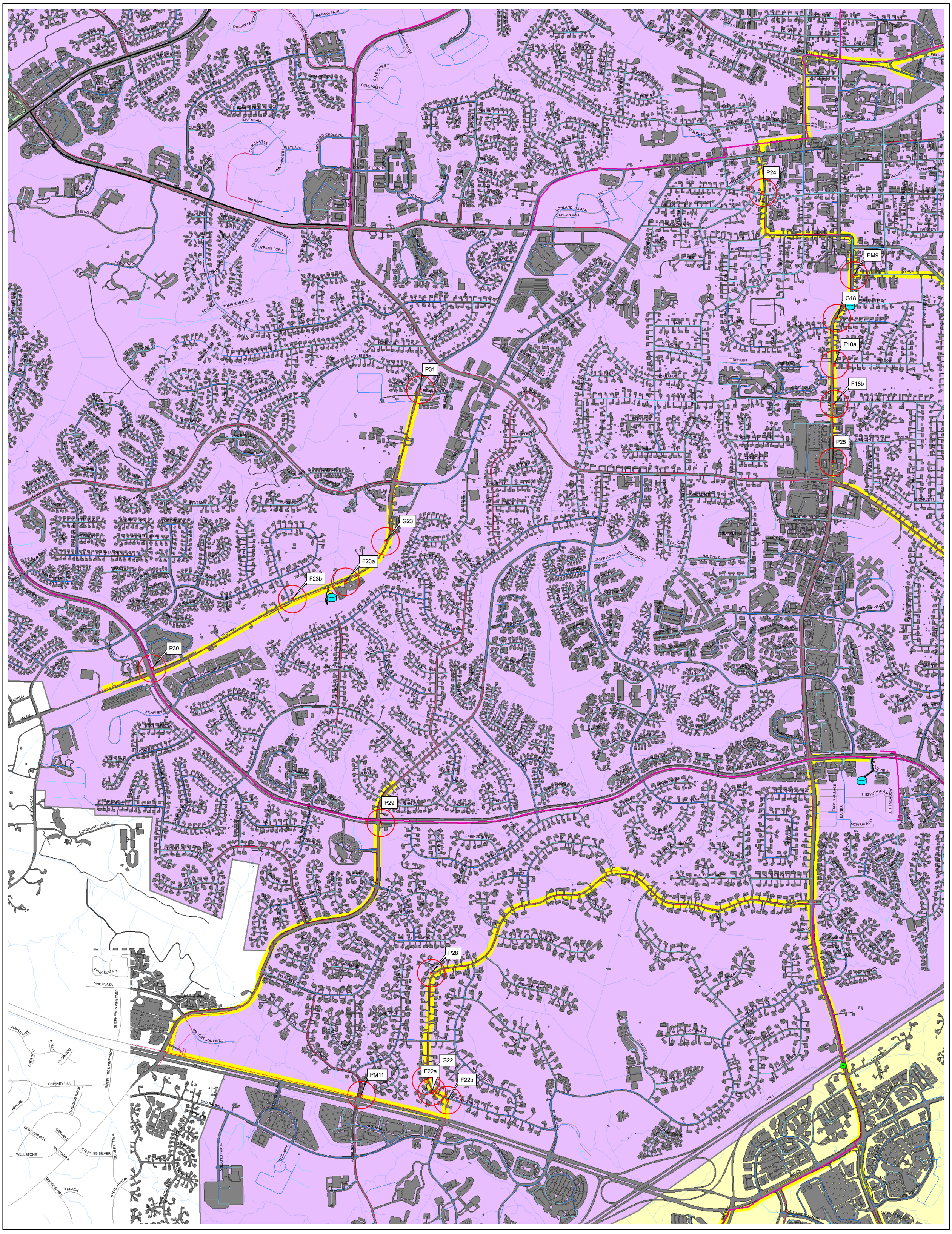
- CENTRAL PRESSURE ZONE
- SOUTHERN PRESSURE ZONE
- WESTERN PRESSURE ZONE

CH2MHILL

Day 4 & 5 (continued)
Detailed Field Testing

N

0 0.25 0.5 1 Miles



Legend

- Test Hydrants
- Hydrants
- Impervious Surfaces
- Roads
- HGL Tests

Pipes

- 2.000000 - 6.000000
- 6.000001 - 8.000000
- 8.000001 - 12.000000
- 12.000001 - 20.000000
- 20.000001 - 36.000000

Pressure Zones

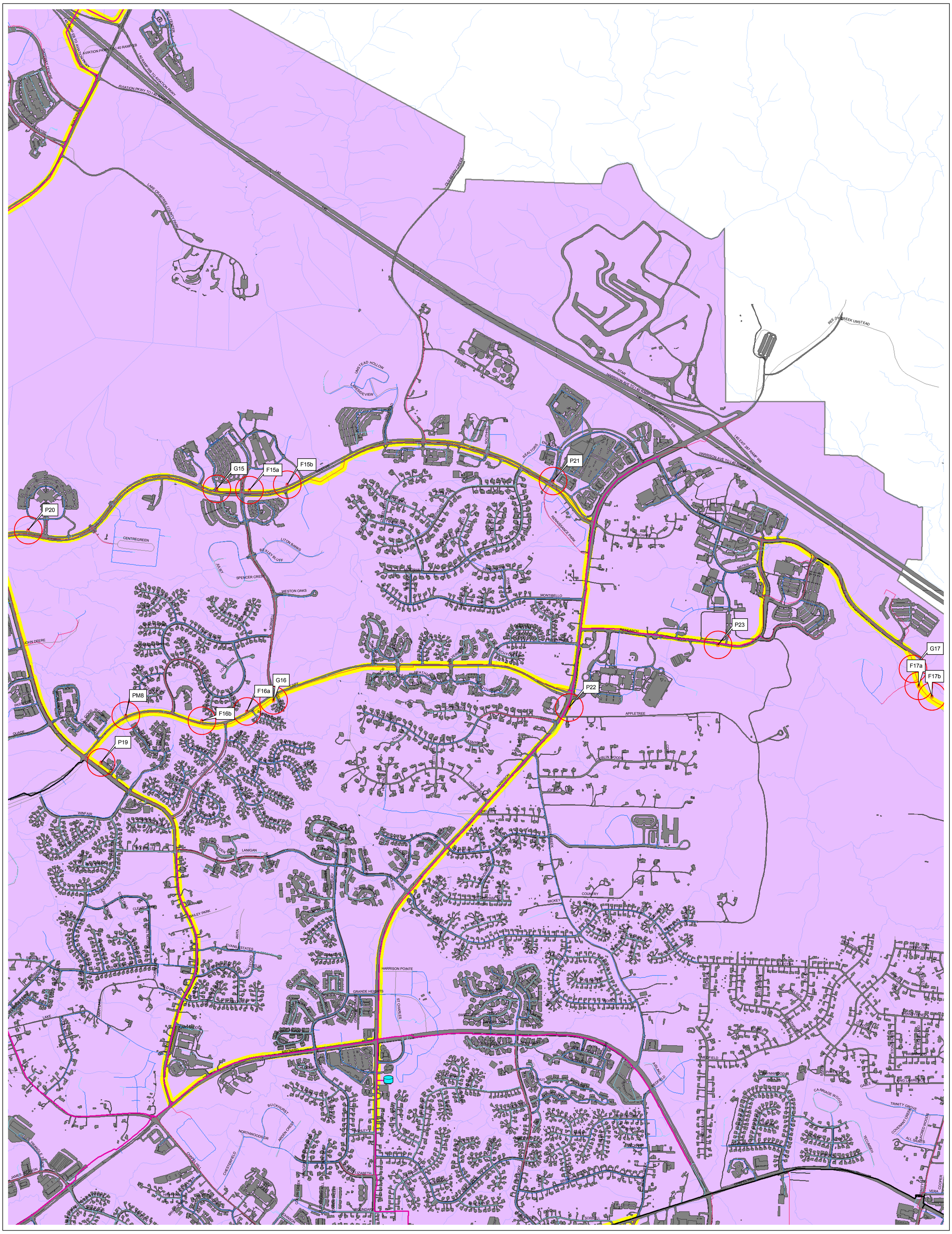
- CENTRAL PRESSURE ZONE
- SOUTHERN PRESSURE ZONE
- WESTERN PRESSURE ZONE

CH2MHILL

Day 4 & 5
Detailed Field Testing

N

0 0.25 0.5 1 Miles



CH2MHILL

Legend

- Test Hydrants
- Hydrants
- Impervious Surfaces
- Roads
- HGL Tests

Pipes

- 2.000000 - 6.000000
- 6.000001 - 8.000000
- 8.000001 - 12.000000
- 12.000001 - 20.000000
- 20.000001 - 36.000000

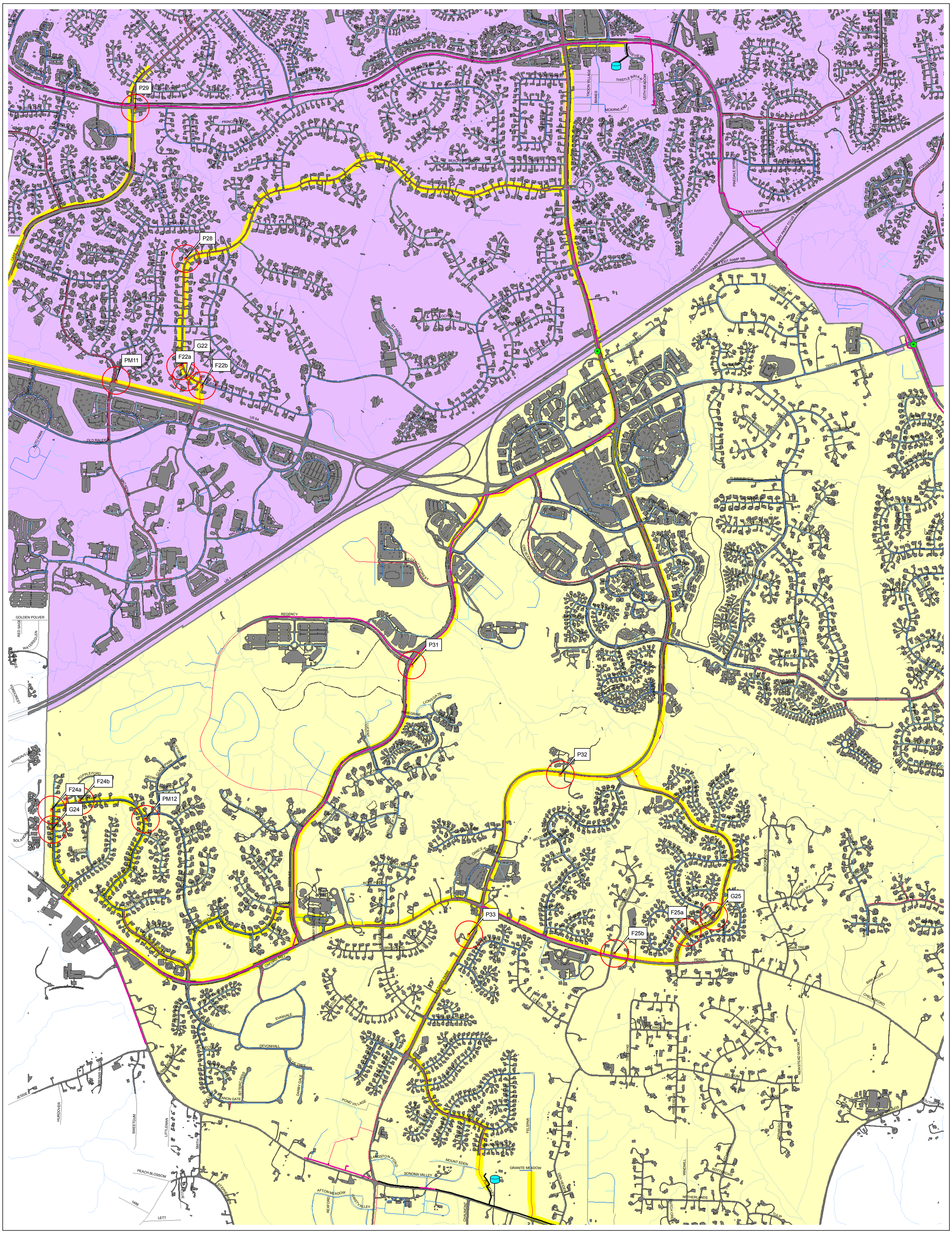
Pressure Zones

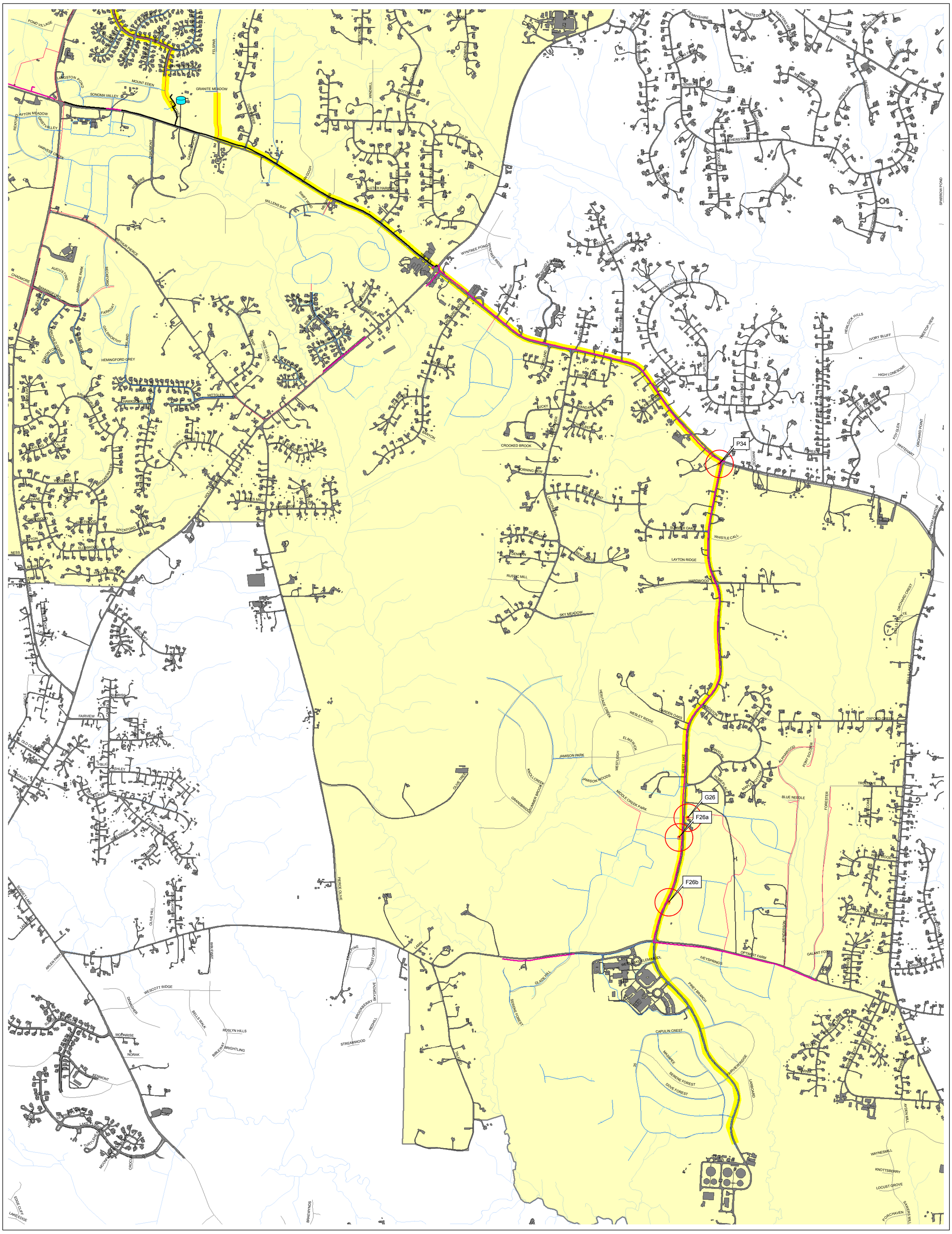
- CENTRAL PRESSURE ZONE
- SOUTHERN PRESSURE ZONE
- WESTERN PRESSURE ZONE

Day 5
Detailed Field Testing

N

0 0.25 0.5 1 Miles


P29
P28
G22
F22a
F22b
PM11
P31
P32
F24a
F24b
G24
PM12
P33
F25a
G25
F25b
US 1
US 64
US 1 EXIT RAMP SB
US 1 EXIT RAMP NB
CARY PKWY TO US 1 RAMP SB
CARY PKWY TO US 1 RAMP NB
RIDGEVIEW
THISTLE BRIAR
LEITH MEADOW
TROON VILLAGE
BAINES
MCKIRKLAND
PINEDALE SPRINGS
GOLDEN POLVER
RED SAGE
WATERSGLEN
FORDCREST
MANDAVILLE
SOLANDRA
POPPLEFORD
HEDWIG GLADE PARK
TRIDENT
DEVONWOOD
WHITCOMB
OXFORD MILL
EVANVALE
DEVONHALL
PEACH BLOSSOM
JESSIE
HURDOVER
SWEETGUM
LITTLEMAN
SMITH
LETT
POND VILLAGE
LANGSTON POND
SONOMA VALLEY
MOUNT EDEN
GRANITE MEADOW
AFTON MEADOW
GRISTVALLEY
REXFORD
CHAUMONT
FELSPAR
DEN HEIDER
THE HAGUE
THE DYKE
AMSTERDAM
BELGIUM
NETHERLANDS
ROTTERDAM
WINDMILL
NEWSTEAD MANOR
HOLLANDER
BROOKRIDGE
BARCLIFF
HAWK TREE
PENNY
BIRKCLIFF
CHELMSFORD
SOUTHBRIAR
ROLLINGSTONE
REGENCY
REGENCY FOREST
LIONSGATE
PEREGRINE
LUCENT
SYMPHONY
KILDARE FARM
BRIDGEFORD
KINGSBERRY
ROSE POINT
CEDAR CREEK
DANCE RIDGE
WOODSTREAM
HIGHLANDS
WINDCREST
SUMMERVIEW
SNOWY FOREST
CRESCENT GREEN
LOCHMERE
SILVERLOVE
WILDWOOD
WINDY RUSH
WINDY POINT
LOCHSTONE
LOCHVALE
LOCHHAVEN
WINTERBROOK
SPRINGBROOK
GREEN FOREST
AMBIANCE
LARKWOOD
BLUEBERRY
FROSTWOOD
TRYON
AUTUMN
HEARTWOOD
LAUREWOOD
WHISPERWOOD
THURSTON
FOREST PARK
DUNCAN HILL
PINNACLE
ROCKWOOD
LOCKRIDGE
BRIAR HILL
BRIAR LANDS
BRIAR RIDGE
BRIAR WOODS
BRIAR CREEK
BRIAR CREST
BRIAR LAKE
BRIAR PATCH
BRIAR WOOD
BRIAR GLEN
BRIAR HAVEN
BRIAR HILLS
BRIAR LEAF
BRIAR MEADOW



Legend

- Test Hydrants
- Hydrants
- Impervious Surfaces
- Roads
- HGL Tests

Pipes

- 2.000000 - 6.000000
- 6.000001 - 8.000000
- 8.000001 - 12.000000
- 12.000001 - 20.000000
- 20.000001 - 36.000000

Pressure Zones

- CENTRAL PRESSURE ZONE
- SOUTHERN PRESSURE ZONE
- WESTERN PRESSURE ZONE

CH2MHILL

Day 6 (continued)
Detailed Field Testing

N

0 0.25 0.5 1 Miles