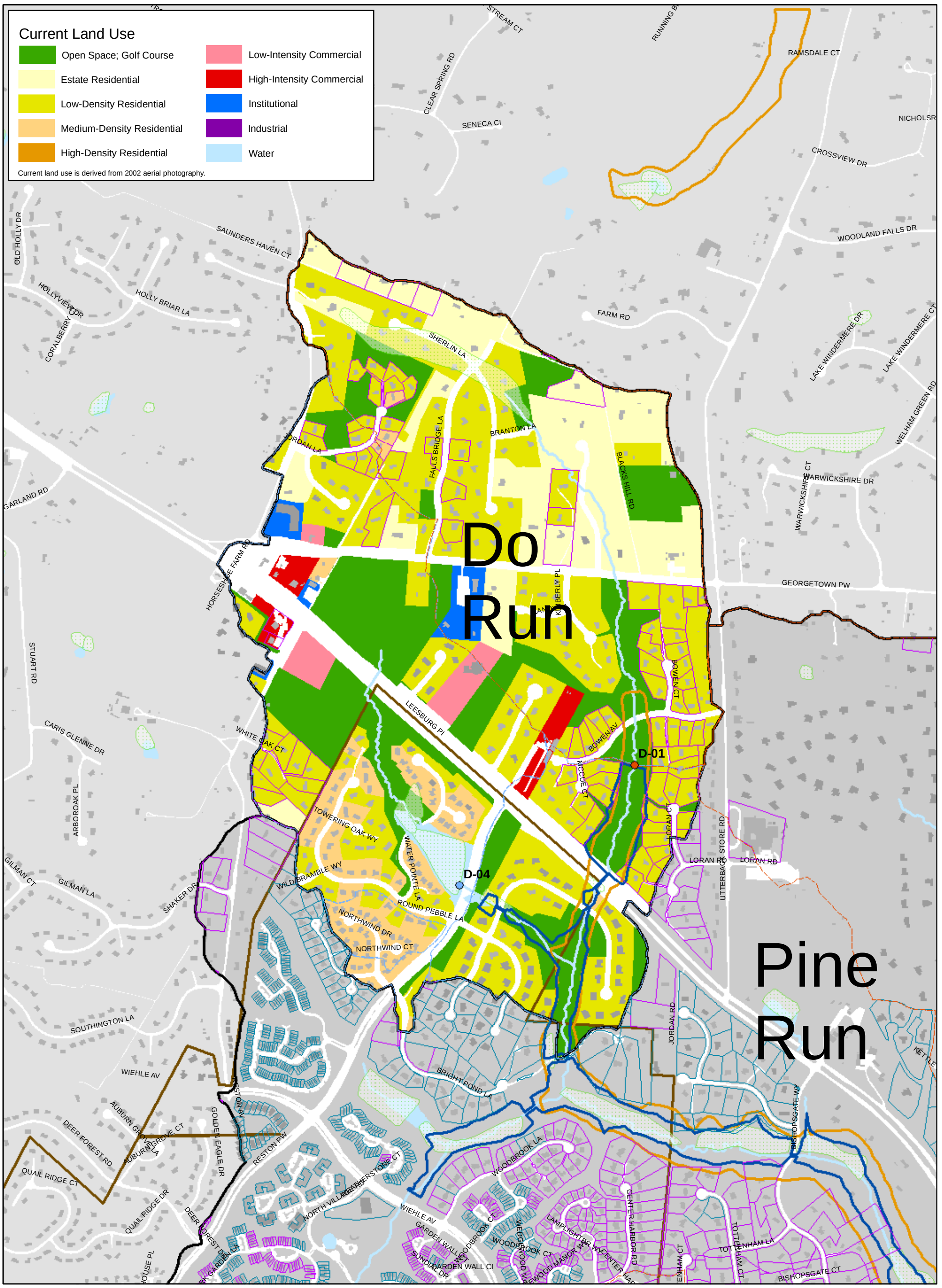
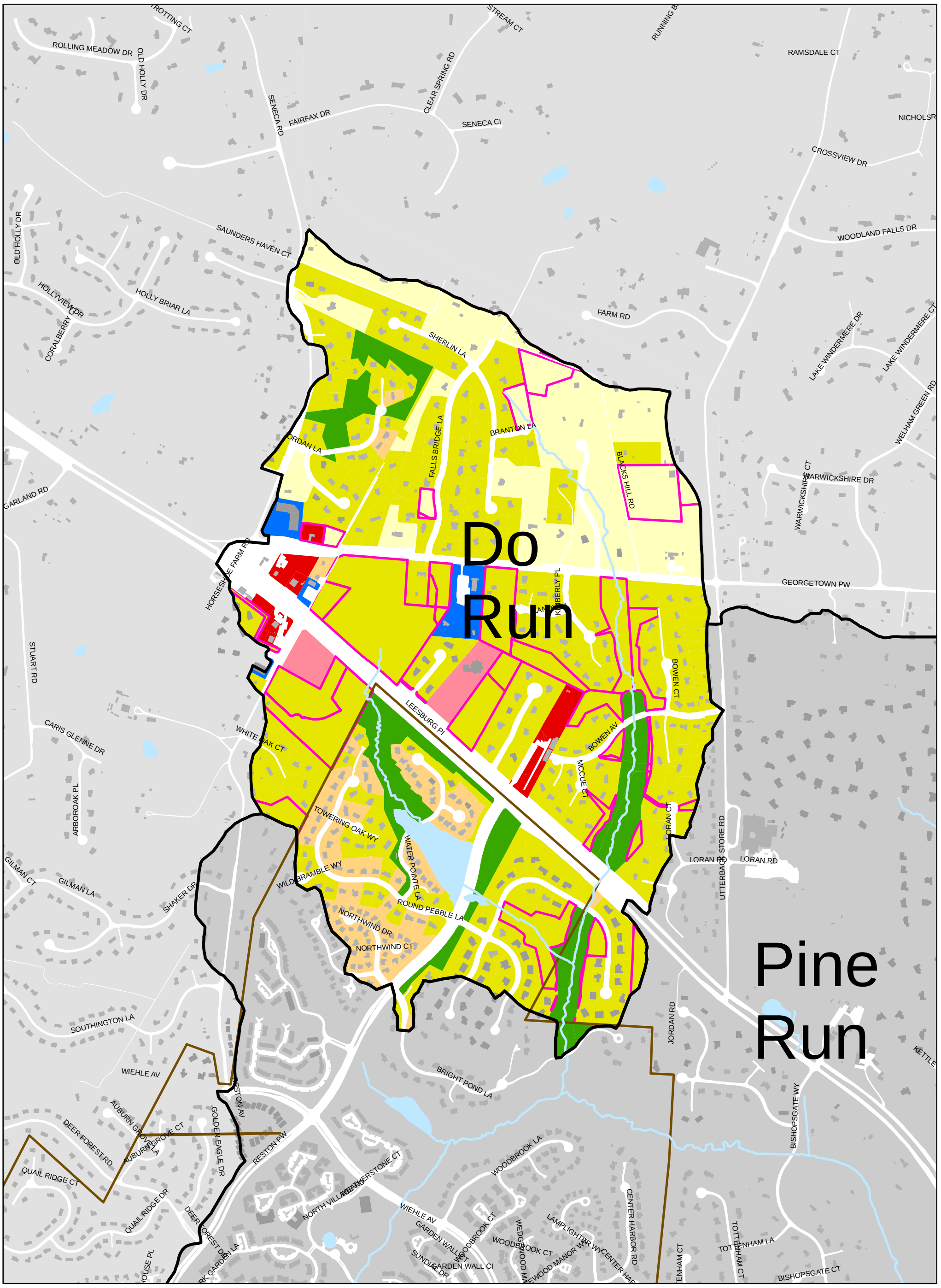


Difficult Run Watershed
Map DFDG_1
Subwatershed Characteristics
Dog Run

0 250 500 1,000 Feet

Subwatershed Boundary
Streams
Lakes, Ponds
Existing Flood Limit (100 yr)
Wetlands (NWI)
Resource Protection Area
Unconstructed Regional Pond
Constructed Regional Pond
Unconstructed Regional Pond Drainage Area
Constructed Regional Pond Drainage Area
Quantity Control
Quantity/Quality Control
Reston

Flood limit does not necessarily include all floodplains as identified by zoning.



Difficult Run Watershed
Map DFDG_2
Future Land Use
Dog Run

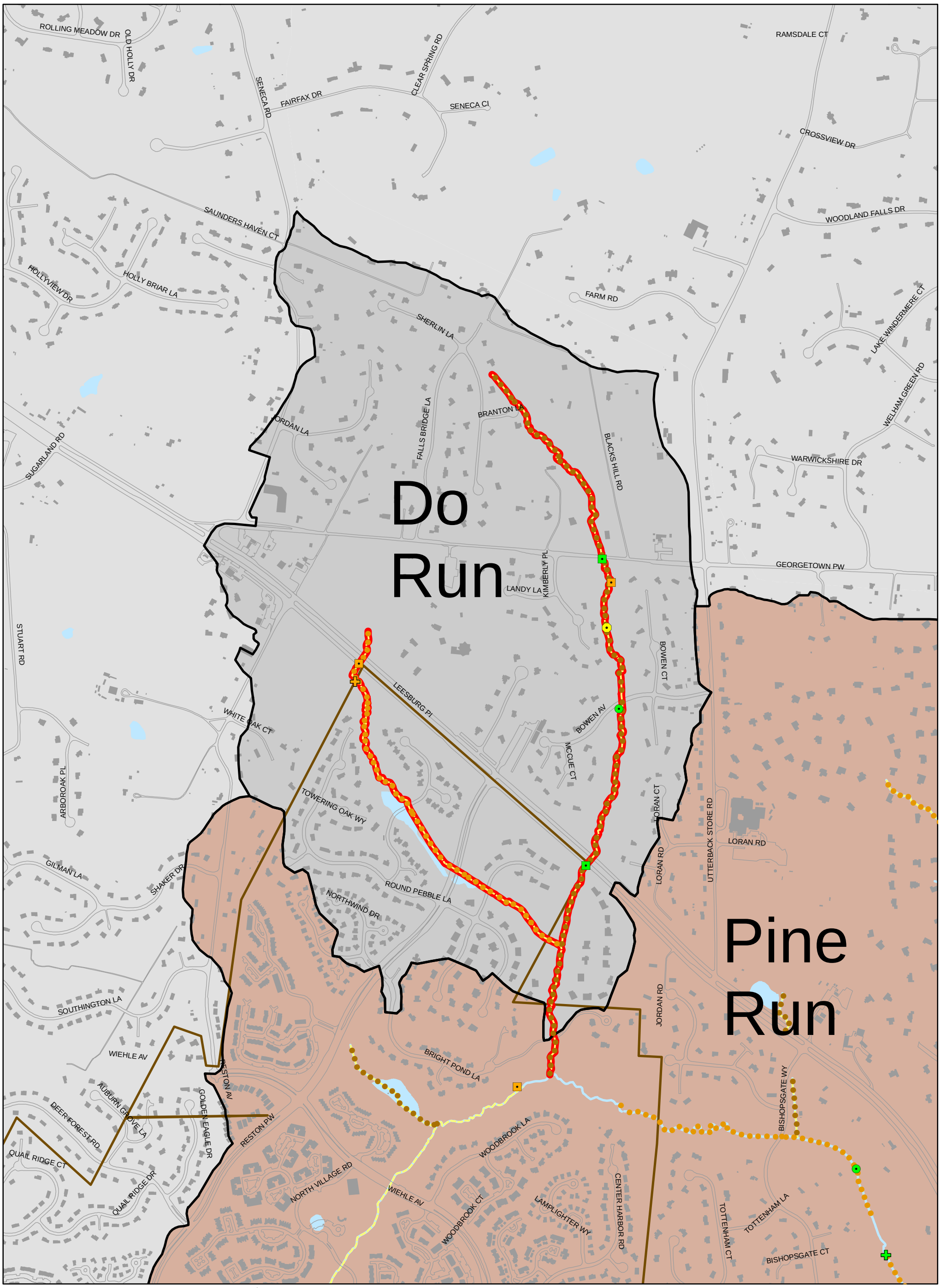
0 250 500 1,000 Feet

Future Land Use

- Open Space; Golf Course
- Estate Residential
- Low-Density Residential
- Medium-Density Residential
- High-Density Residential
- Low-Intensity Commercial
- High-Intensity Commercial
- Institutional
- Industrial
- Water

Land use designations have been generalized to estimate future impervious cover for modeling purposes and may not necessarily reflect future zoning districts.

- Changed Land Use
- Reston
- Subwatershed Boundary
- Streams
- Lakes, Ponds



Difficult Run Watershed
Map DFDG_3
Stream Condition
Dog Run

0 250 500 1,000 Feet

N

Pipe Impact
- Minor to Moderate
- Moderate to Severe
- Severe to Extreme

Ditch Impact
- Minor to Moderate
- Moderate to Severe
- Severe to Extreme

Dump Site Impact
- Minor to Moderate
- Moderate to Severe
- Severe to Extreme

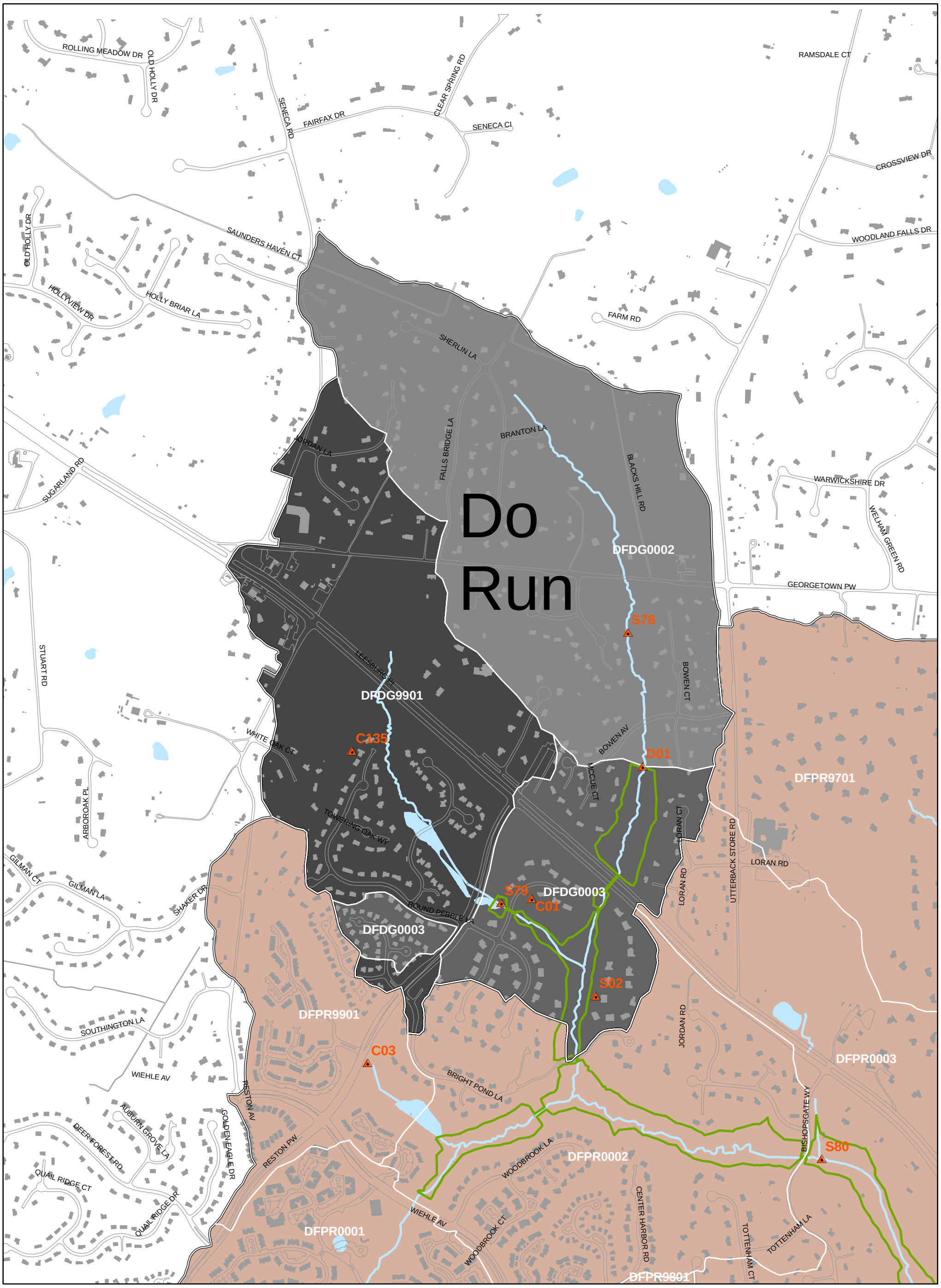
Head Cut Height
- 0.5' - 1'
- 1' - 2'
- >2'

- Poor to Very Poor Habitat
- CEM Type 2- Incision
- CEM Type 3-Widening
- Low Bank Stability
- Severe to Extreme Erosion
- Reston
- Deficient Buffer

Crossing Impact
- Minor to Moderate
- Moderate to Severe
- Severe to Extreme

Obstruction Impact
- Minor to Moderate
- Moderate to Severe
- Severe to Extreme

Utility Impact
- Minor to Moderate
- Moderate to Severe
- Severe to Extreme



Difficult Run Watershed
Map DFDG_4
Candidate Sites for Improvements
Dog Run

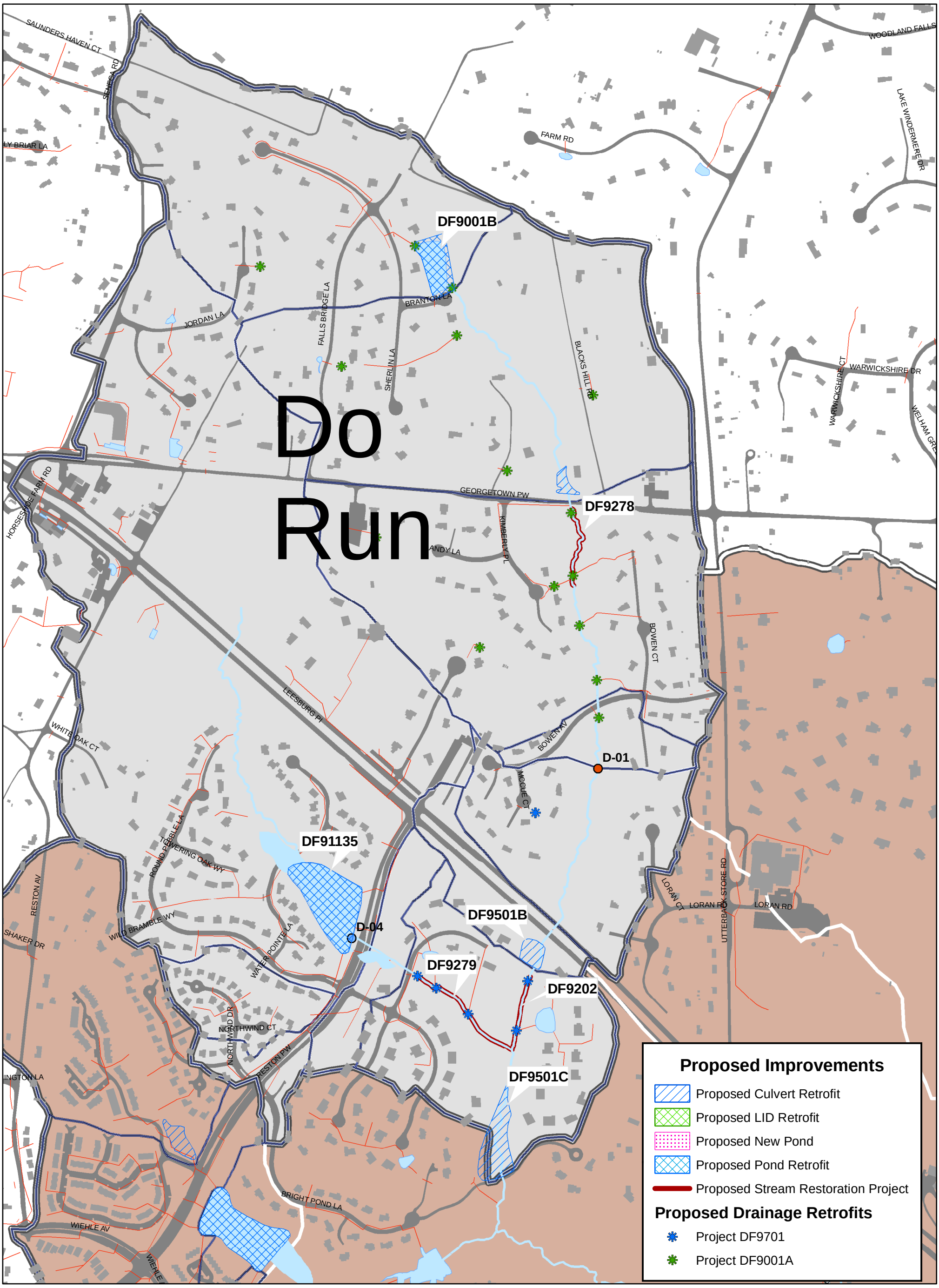
0 250 500 1,000 Feet

Candidate Sites
DFDG0002 - Catchment Code

Modeled Existing Flood Limit (100 yr)

Candidate Sites Code Descriptions
S - Stream Site
C - Catchment Site
(Hydrology and Water Quality)
D - Unconstructed Regional Pond Site
(Hydrology and Water Quality)
F - Road Flooding
P - Preservation Site

Catchment Ranking
Lowest Quality
Highest Quality



Difficult Run Watershed
Map DFDG_5
Proposed Improvements
Dog Run

0 230 460 920 Feet

Unconstructed Regional Pond
Constructed Regional Pond
Storm Sewers
Existing BMP
Lakes and Ponds
Catchments
Proposed Stormwater BMP Drainage Area