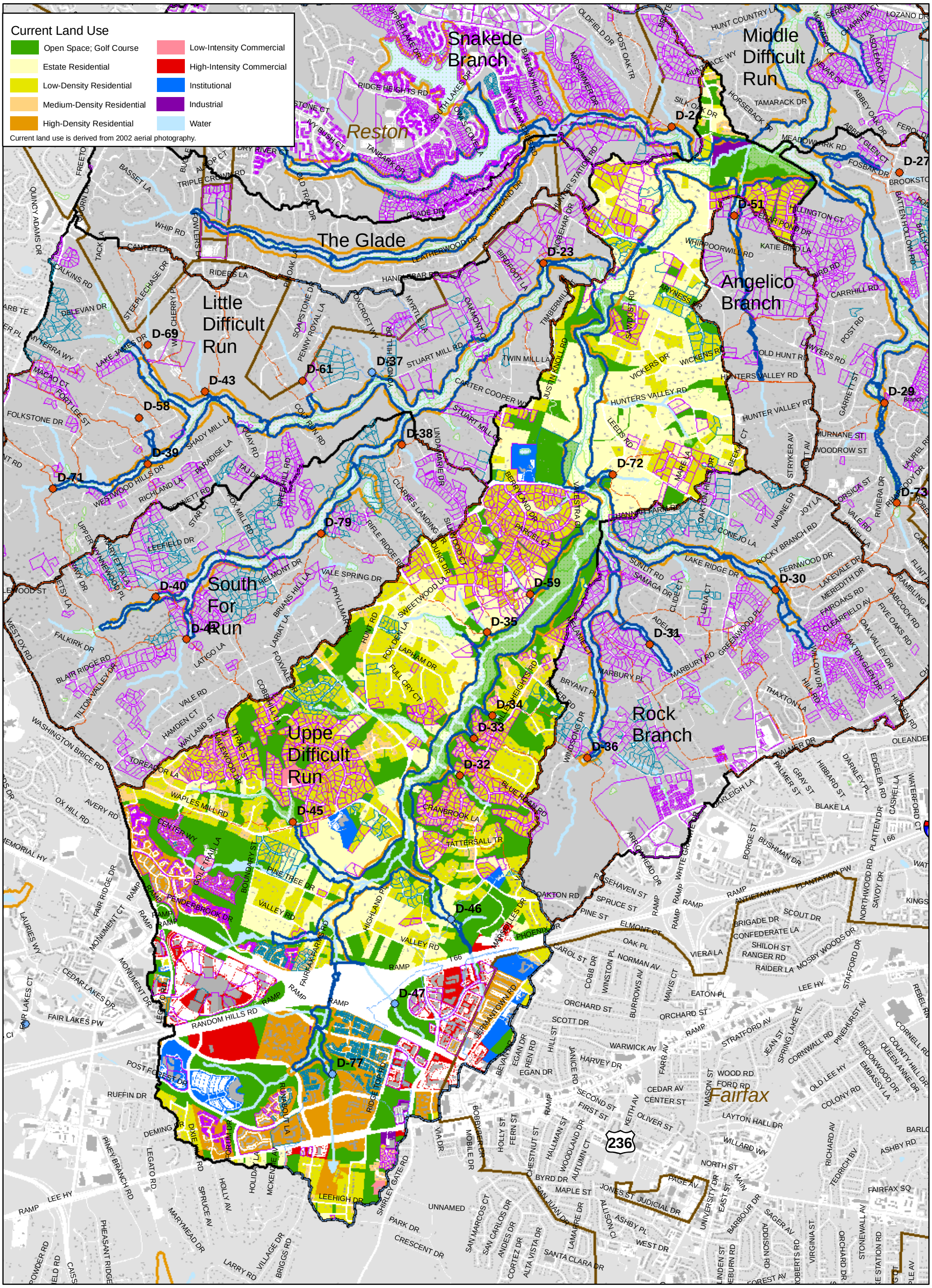
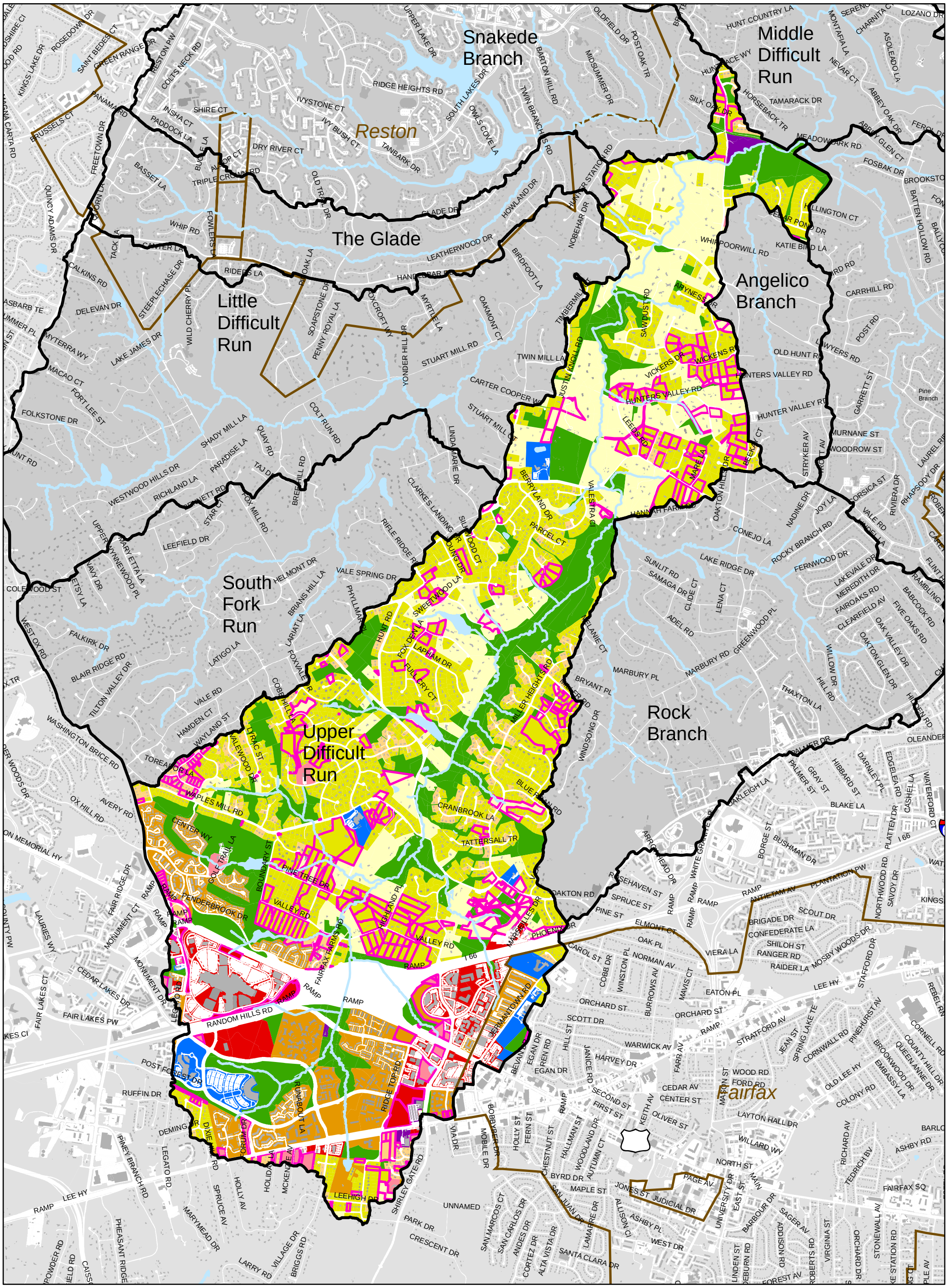


Difficult Run Watershed
Map DFDFU_1
Subwatershed Characteristics
Upper Difficult Run

0 2,000 4,000 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 and Fairfax

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



Difficult Run Watershed
Map DFDFU_2
Future Land Use
Upper Difficult Run

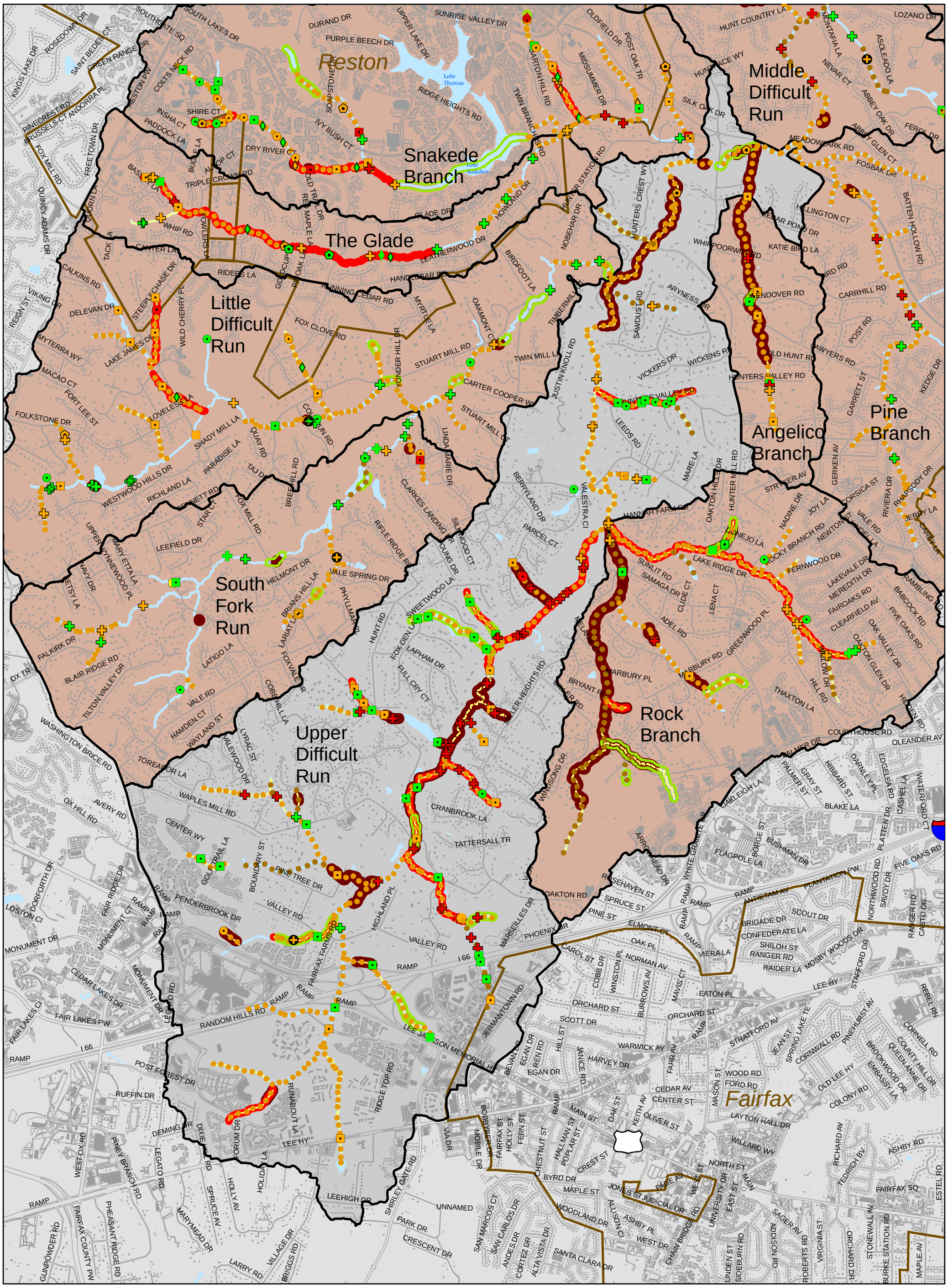
0 2,000 4,000 Feet

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 and Fairfax
- Subwatershed Boundary
- Streams
- Lakes, Ponds



Difficult Run Watershed

Map DFDFU_3
Stream Condition
Upper Difficult Run

0 2,000 4,000 Feet

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

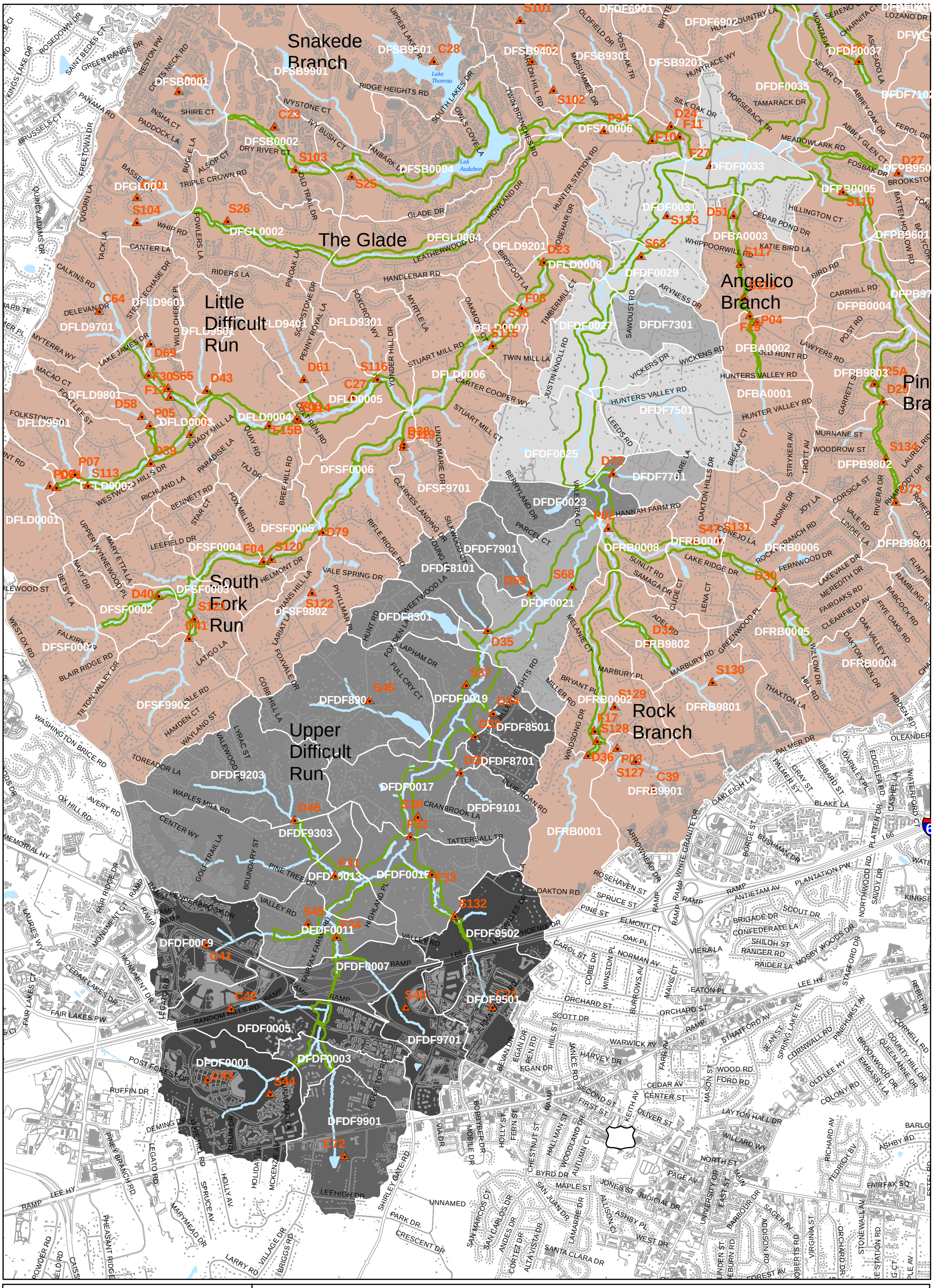
Head Cut Height
- 0.5' - 1'
- 1' - 2'
- >2'

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

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 DFDFU_4

Candidate Sites for Improvements

Upper Difficult Run

0 950 1,900 3,800 Feet

Candidate Sites

DFDF0001 - 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 Site)

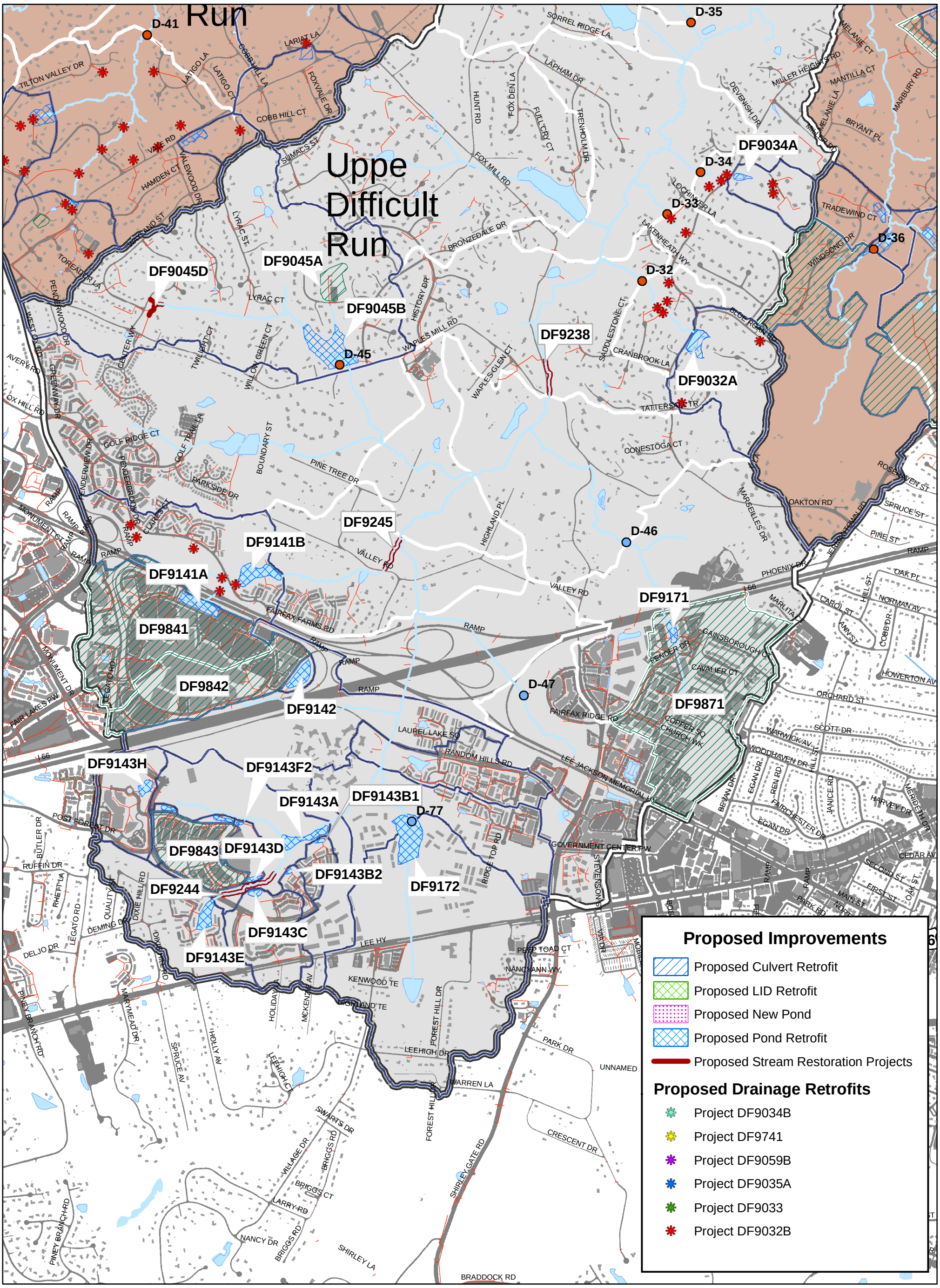
F - Road Flooding

P - Preservation

Catchment Ranking

Lowest Quality

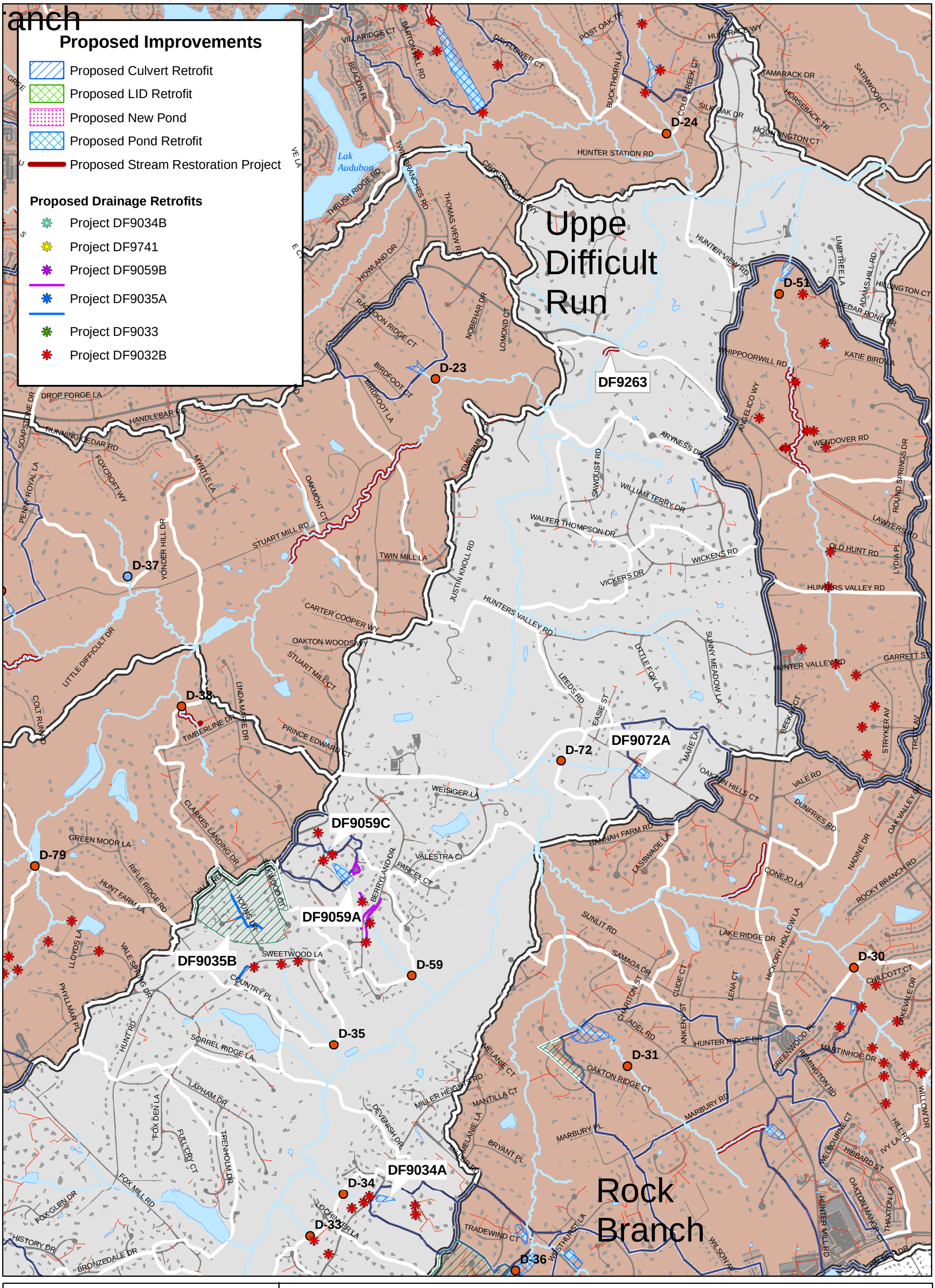
Highest Quality



Difficult Run Watershed
Map DFDFU (map 1 of 2)
Proposed Improvements
Upper Difficult Run (southern portion)

0 495 990 1,980 Feet

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



Difficult Run Watershed
Map DFDFU_5 (map 2 of 2)
Proposed Improvements
Upper Difficult Run (northern portion)

0 625 1,250 2,500 Feet

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