



LEGEND	
■ EXISTING SUBSTATION	— PREFERRED ALTERNATIVE ROUTE CENTERLINE (SEE NOTE 2)
▲ KARST FEATURE	— PREFERRED 100-FOOT RIGHT OF WAY (SEE NOTE 2)
▲ CHURCH	— PREFERRED 500-FOOT CORRIDOR (SEE NOTE 2 & 3)
▲ HOSPITAL	— RELOCATED 69 KV SUB-TRANSMISSION LINE
▲ SCHOOL	— REMOVED EXISTING 69 KV SUB-TRANSMISSION LINE
▲ CEMETERY	— EXISTING 69KV 100-FOOT ROW (0.75 MILE)
▲ LIBRARY	— 0.6 MILE OF EXISTING 69KV LINE & ROW TO BE REMOVED
▲ HELIPORT	— 0.6 MILE OF EXISTING 69KV LINE & ROW TO BE REMOVED
— PREFERRED ALTERNATIVE SUB-TRANSMISSION LINE	— POTENTIAL FUTURE DEVELOPMENT
— PREFERRED 100-FOOT RIGHT OF WAY (SEE NOTE 2)	— TOWN / MUNICIPALITY LIMIT
— PREFERRED 500-FOOT CORRIDOR (SEE NOTE 2 & 3)	— STUDY AREA
— RELOCATED 69 KV SUB-TRANSMISSION LINE	— REMOVED EXISTING 69 KV SUB-TRANSMISSION LINE
— REMOVED EXISTING 69 KV SUB-TRANSMISSION LINE	

STRUCTURES WITHIN 500 FEET OF PREFERRED ROUTE CENTERLINE	
■ NRHP ARCHITECTURAL RESOURCE	■ AGRICULTURAL/FORESTAL DISTRICT
■ OTHER ARCHITECTURAL RESOURCE	■ FEMA FLOODPLAIN
■ NWI WETLANDS	■ WATERBODY
■ CONSERVATION INTEREST	■ HUCKLEBERRY TRAIL
■ CONSERVATION EASEMENT	■ RAILROAD
■ PARKS/RECREATION	■ SMART ROAD FUTURE EXTENSION
■ APARTMENT	■ STREAM
■ RESIDENCE	■ RIVER
■ BUSINESS	
■ BARN	
■ OTHER	

MAP 1
GIS CONSTRAINTS MAP
PREFERRED ALTERNATIVE CORRIDOR

APPALACHIAN POWER COMPANY
 FALLING BRANCH-MERRIMAC 138KV
 TRANSMISSION LINE PROJECT

PROJECT NO: DASH NO: 15
 SCALE: 1:12,000 SHEET NO: 1 OF 1

DATE: 01/11/2012

NOTE 1: PROPERTY LINES ON THIS MAP WERE OBTAINED FROM THE MONTGOMERY COUNTY GIS DATABASE. PROPERTY LINES SHOWN ON THIS MAP ARE APPROXIMATE AND NOT BASED ON ACCURATE GROUND SURVEY AND ARE THEREFORE NOT TO BE CONSTRUED OR USED AS EXACT DEPICTIONS OF LEGAL BOUNDARIES.

NOTE 2: A FINAL 100-FOOT WIDE ROW WILL BE SITED WITHIN THE PREFERRED 500-FOOT CORRIDOR. THE PREFERRED CORRIDOR CENTERLINE AND 100-FOOT ROW SHOWN IS NOT THE FINAL ALIGNMENT OR THE ACTUAL LOCATION OF ANY STRUCTURES OR ANGLE POINTS. THE PREFERRED CORRIDOR CENTERLINE REPRESENTS AN OPTIMAL LOCATION BASED UPON THE DATA PRESENTLY AVAILABLE. THE FINAL 100-FOOT ROW WILL BE LOCATED IN THE PREFERRED 500-FOOT CORRIDOR TO ALLOW FOR THE REFINEMENT OF THE LOCATION BASED ON DESIGN NEEDS, MINIMIZATION OF RESOURCE IMPACTS, DETAILED GROUND SURVEY AND LANDOWNER PREFERENCES.

NOTE 3: IN ONE AREA, THE 500-FOOT CORRIDOR EXPANDS AN ADDITIONAL 1,500 FEET TO ADDRESS A LANDOWNER CONCERN WHICH IS CURRENTLY BEING ANALYZED. THE REMAINDER OF THE PREFERRED CORRIDOR IS 500 FEET WIDE. EXCEPT WITHIN THIS EXPANDED CORRIDOR AREA, THE LOCATION OF THE CENTERLINE FOR THE 500-FOOT CORRIDOR AND FOR THE OPTIMAL 100-FOOT ROW ARE THE SAME.

REFERENCE:
 NATIONAL AGRICULTURAL
 IMAGERY PROGRAM (NAIP)
 AERIAL PHOTOGRAPHY, USDA/
 FSA, 2009.

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