

Ohio Department of Natural Resources
Division of Forestry

Annual Work Plan
For
Southern District State Forests

For the Period of
2016/2017
October 1st, 2016 to September 30, 2017



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I. District Overview

History & Description

In 2008, all but one of the state forests south of I-70 was compiled into one southern district. In 2013, Sunfish Creek State Forest was added. All state forests south of I-70 are now included. The district is composed of 17 state forests, of which 6 are staffed. See Appendix A for a map of the Southern District State Forest locations. There are 6 forest managers, each overseeing a cluster of state forests.

Following is a list of the state forests and managers responsible for the administration of that unit (“*” = staffed location):

Shawnee*- Dale Egbert

Scioto Trail*, Tar Hollow- Brian Kelly

Zaleski*, Vinton Furnace, Gifford, West Shade River- Courtney Cawood

Hocking*, Blue Rock*, West Blue Rock, Perry, Shade River - Dave Glass

Dean*- Matt Morgan

Brush Creek, Pike*, Richland Furnace – Ben Kelley

Sunfish Creek – District Office*

The district office is located in Chillicothe, OH. There are three individuals who are responsible for the overall coordination and administration of the district's state forests and programs. Nate Jester- District Manager, Jared Craig – District Land Management Program Administrator, and Tom Shuman – District Fire Program Administrator.

Not only are these forests a fantastic recreation feature for southern Ohio, but they are also working forests. Each is managed to provide a variety of multiple uses on a sustained yield basis. Timber harvesting, tree planting, wildlife habitat management, forestry research, watershed and soil protection, and many other duties are all in a day's work for forest employees and local businesses. During the spring and fall forest fire danger periods, state forest crews detect and suppress wildfires that occur on state and private lands within the surrounding protection area.

The following document will highlight the annual work planning for the Southern District State Forests. It is written on an annual basis and will provide direction for the upcoming year's activities as well as provide a source for the public to gain

information on these activities. Employees are directed to complete projects with public and employee safety being top priority.

II. Resource Management

Silvicultural Practices Timeline:

Summer:

- Begin inventory verification and write prescriptions for the stands that are in need of management
- Review prescription reports written during the previous year to determine what will be marked and marketed for future sales

Fall:

- Continue inventory verification and prescription writing
- Begin painting sale boundaries

Winter:

- Begin marking leave/harvest trees for future sales
- Collect volume data by cruising shelterwood and regeneration harvest sales. Write Marking Estimates
- Continue inventory verification and prescription writing

Spring:

- Continue marking harvests. Finalize Marking Estimates
- Continue volume cruising. Finalize Marking Estimates
- Finish inventory verification and prescription writing

*Timber sale administration occurs throughout the year depending on weather; however, the majority of administration occurs from early spring to early winter.

Prescription Cruising:

The purpose of prescription cruising is to monitor the health and silvicultural needs of the forest based on Division of Forestry goals. The cruises will follow a stand-based cruising model. The U.S. Forest Service, research developed, OAK SILVAH decision support system will be used as the primary reference to develop prescriptions for oak stands.

Forest	Cruise	Acres	Compartment
Brush Creek	1	146	A-17/18
Brush Creek	2	181	B-26/27
Brush Creek	3	404	A-44, B-1
Hocking	1	84	C-4
Hocking	2	118	C-9
Perry	1	334	A-20
Pike	1	125	D-20/21
Pike	2	291	A-28/29

Richland Furnace	1	46	A-5
Richland Furnace	2	23	C-6
Scioto Trail	1	139	C-10/11
Scioto Trail	2	287	C-9
Shade River	1	140	A-8
Shawnee	1	804	F-17-22
Shawnee	2	214	F-23/33/34
Shawnee	3	296	G-34/50
Shawnee	4	234	G-30/31
Shawnee	5	472	G-44/45
Shawnee	6	311	A-4
Shawnee	7	294	A-24
Shawnee	8	685	A-30/31/32
Shawnee	9	180	B-16
Shawnee	10	314	E-3
Shawnee	11	298	D-33/34
Shawnee	12	589	B-20
Tar Hollow	1	155	C-7, G-2
Tar Hollow	2	636	D-7/8/13/15
Tar Hollow	3	224	B-5
Vinton Furnace	1	441	A-1
Zaleski	1	65	D-19
Zaleski	2	422	D-27/35
Zaleski	3	349	A-17

Timber Sale Marking:

Timber cruise information will be evaluated to determine if management activity would benefit the stand. Stands where a harvest is prescribed are placed on the proposed marking schedule. Most stands will be marked by DOF foresters according to a prescription developed for a particular stand. The Division may also utilize consulting foresters as contractors to mark timber sales when necessary. As independent contractors, they can choose which part of the year they would like to complete their work so long as it is in the contract period. Individual forest units are chosen for potential contracting based on the Division's organizational efficiency and current needs.

Sales to be Marked FY 17									
State Forest	Compartment(s)	Vol. Bd. Ft.	Total Ac.	Singletree or Group Selection	Clearcuts / Openings	Shelterwood	Deferment	Thinning / Improvement	County / Twp
Brush Creek	B-6	500,000	79				79		Adams/Franklin
Brush Creek	C-29, D-4	725,000	156	57		49	50		Scioto/Morgan
Brush Creek	D-40/56/57	66,000	188					188	Scioto/Brush Creek
Brush Creek	D-97/98	375,000	97				23	74	Scioto/Brush Creek, Morgan
Hooking	C-2	223,000	17		17				Hooking/Laurel
Hooking	C-4/5	150,000	45		17	7		21	Hooking/Laurel
Hooking	C-12	85,000	49			29		20	Hooking/Benton, Laurel
Perry	A-1	385,000	122	104	9			9	Perry/Clayton
Pike	A-26, B-4	275,000	84	24	8			60	Pike/Benton
Pike	B-4	175,000	43	35					Pike/Benton
Pike	B-11/12	490,000	99				32	67	Pike/Benton, Mifflin
Pike	C-9/10	150,000	45					45	Pike/Mifflin
Scioto Trail	A-3/4	400,000	87	59			28		Ross/Huntington, Scioto
Scioto Trail	B-10/11	800,000	90			25	65		Ross/Franklin
Scioto Trail	C-15	350,000	105	39	6	26	13	21	Ross/Franklin
Shade River	A-12	63,000	25					25	Meigs/Olive
Shawnee	A-11	800,000	111		20	39	52		Scioto/Mile
Shawnee	C-6	175,000	23		23				Scioto/Mile
Shawnee	D-34/36	1,000,000	134		27	29	78		Adams/Green
Shawnee	E-14	215,000	25				25		Scioto/Brush Creek
Shawnee	F-24/25	425,000	153			32		121	Scioto/Union
Shawnee	F-31/32	355,000	41		25			16	Scioto/Union
Shawnee	G-11/17	530,000	132		10		27	95	Scioto/Mile
Shawnee	G-20-21	530,000	80			28			Scioto/Washington
Shawnee	G-46	660,000	85				85		Scioto/Washington
Tar Hollow	A-13/14	520,000	74			36		38	Hooking/Salt Creek
Tar Hollow	B-112, D-1	690,000	129	30	10	13	55	21	Ross/Harrison, Vinton/Eagle
Tar Hollow	B-7/8/9	250,000	74		10			64	Vinton/Eagle
Tar Hollow	C-4, G-3/5	370,000	52			29	23		Ross/Harrison
Tar Hollow	C-20/21/22	720,000	152	83	29		25	15	Vinton/Eagle
Tar Hollow	D-10/11	90,000	15			15			Ross/Harrison
Vinton Furnace	A-1	75,000	234		9			225	Vinton/Madison
Vinton Furnace	A-4	81,000	54					54	Vinton/Vinton
Zaleski	A-10/12	720,000	93	24	18		51		Vinton/Brown
Zaleski	A-17	49,000	14					14	Vinton/Brown
Zaleski	C-3/11	670,000	212			47		165	Vinton/Brown
Zaleski	D-20	120,000	10		10				Vinton/Madison
Zaleski	D-24	250,000	38		26			12	Vinton/Brown
Zaleski	D-25	350,000	47	13			34		Vinton/Knox

Appendix B contains sale maps for sales to be marked in FY 17.

Sales marked but not yet under contract (As of 6-30-16)

Forest	Compartment(s)	Volume (bdf)	Tons Pulp	Total Acres	Singletree / Group Selection	Clearcut / Openings	Shelterwood	Deferment	Thinning / Improvement	County / Twp
Blue Rock	A-1	17,000	97	7	7				7	Muskingum/Salt Creek
Blue Rock	A-2	2,300	224	4	4					Muskingum/Salt Creek
Blue Rock	A-12	432,000	1,479	78			23	22	33	Muskingum/Salt Creek, Blue Rock
Blue Rock	A-13	0	2,012	19	11				8	Muskingum/Salt Creek
Brush Creek	B-6	270,000	1,000	47			47	22		Adams/Franklin
Brush Creek	D-36	290,000	900	45			16	22		Scioto/Morgan
Brush Creek	D-95	221,000	750	30				30		Scioto/Rarden
Hocking	A-2/3	61,000	2,361	61	12				49	Hocking/Laurel
Hocking	B-8	240,000	800	44	33				11	Hocking/Benton, Laurel
Hocking	B-10	508,000	2,300	68	8			45	5	Hocking/Laurel
Hocking	C-2	467,000	1,131	22	22				22	Hocking/Laurel
Hocking	C-5/7/9	83,500	164	22						Hocking/Laurel
Hocking	C-6	68,000	318	8	5		3			Hocking/Laurel
Hocking	D-1	215,000	400	22	22		22			Hocking/Benton
Pike	A-8	329,000	1,750	60	60		51	9		Pike/Benton
Pike	C-6	520,000	583	82	82			48	34	Pike/Mifflin, Perry
Pike	C-21/22	524,000	1,000	88	88		34		44	Pike/Mifflin
Pike	D-21/22	350,000	1,800	88	8		35		45	Highland/Brush Creek
Pike	D-24	330,000	2,000	150					150	Highland/Brush Creek
Richland Furnace	A-3	190,000	550	22	22			22	33	Jackson/Washington
Richland Furnace	B-6/7, C-5/6	255,000	800	55	8			14	33	Jackson/Washington
Scioto Trail	C-6	280,000	700	35	35			35	24	Ross/Franklin
Scioto Trail	C-7/11	186,000	460	37				13	24	Ross/Franklin
Scioto Trail	D-3/4	400,000	1,400	55			34	21		Ross/Franklin
Scioto Trail	D-5	10,000	1,200	12	12			46		Ross/Franklin
Scioto Trail	D-6, E-6	590,000	1,500	66			20	20		Ross/Franklin
Shade River	A-4	82,700	1,800	31	6			7		Meigs/Olive
Shade River	A-7	31,500	330	7						Meigs/Olive
Shawnee	A-12	610,000	5,000	100	26			74		Scioto/Mile
Shawnee	B-4	190,000	800	30	30			24		Scioto/Mile
Shawnee	B-5	175,000	800	24				29		Scioto/Mile
Shawnee	B-18	300,000	750	38	9			29		Scioto/Mile
Shawnee	D-43/50	115,000	250	89				52	89	Adams/Green
Shawnee	E-6	683,000	2,000	62	10			18		Adams/Jefferison
Shawnee	E-7	285,000	600	45	17			37	10	Adams/Jefferison
Shawnee	F-22/24	472,000	739	131	19				75	Scioto/Union
Sunfish Creek	A-1	175,000	500	21	21					Monroe/Switzerland
Tar Hollow	A-12	50,000	150	20	20			56		Hocking/Salt Creek
Tar Hollow	A-14	710,000	2,100	56					8	Vinton/Brown
Zaleski	A-11	54,000	300	14	6		10	24	19	Vinton/Brown
Zaleski	A-33/34	209,000	850	53					63	Vinton/Brown
Zaleski	A-38	179,000	360	63					68	Athens/Waterloo, Vinton/Brown
Zaleski	C-8	243,000	550	77	8				61	Athens/Waterloo
Zaleski	C-26	365,000	1,100	71	10			92		Vinton/Brown, Madison
Zaleski	D-10	818,000	1,200	120	28			17	47	Vinton/Madison
Zaleski	D-18	180,000	110	64					96	Vinton/Madison
Zaleski	E-2/3	665,000	900	96						Vinton/Madison

The areas listed for timber sale marking will be prepared according to a previously approved prescription. Areas marked for harvest during the 2016-2017 planning period will not necessarily be sold during the same planning period. Please refer to the “Land Management Manual” for annual sustainable harvest targets. This manual is available online.

All proposed harvest activity is reviewed by a cross-sectional group of DOF staff to determine which harvests are best suited for stumpage sales and for forest product sales. These recommendations are then provided to the chief for consideration and final decision. Harvests will be accomplished using a combination of stumpage sales and product sales as defined below.

Stumpage Sales:

Stumpage sales are sales of standing trees. There are three main types of contract stumpage sales that are used depending on the best business practices and economic considerations for each specific circumstance.

Lump Sum Stumpage Timber Sale - sales scheduled and sold through a sealed bid process with purchasers bidding a lump sum for all advertised trees.

Pay-As-Cut Stumpage Sale – this method is the same as above; however, the bidder offers a price per scaled or weighed product instead of a lump sum.

Negotiated Stumpage Sale – standing trees sold at market prices through a contractual agreement.

Forest Product Sales:

Harvesting through forest product sales consists of hiring contract loggers or utilizing state crews to deliver whole trees (stringers) to a central location for processing, sorting and selling of products. These products will be sold through a competitive bid process.

Invasive Species and Timber Stand Improvement:

Invasive plant species treatments are the priority pre-commercial treatment. 2016-2017 projects include invasive species treatments through the USDA funded Joint Chief’s Joint Landscape Restoration Partnership. Priority will be to include treatments that will benefit the oak-hickory forest type. Foresters and managers are prioritizing areas to include in the upcoming treatment cycle and will utilize the pre-commercial project proposal process once project areas are identified.

Boundary:

Boundary is typically maintained on a five (5) year cycle. All forest boundaries will be marked according to Division policy, and each forest manager is responsible for developing and following that rotation to ensure policy

compliance. Any evidence of encroachment is reported to Division of Parks Law Enforcement Supervisors for investigation.

Acquisitions – A recent property purchase at Pike State Forest has generated the need to mark in the new boundary of these parcels. (~144 acres). A ~100 acre property was also acquired at Pike. 41.5 acres were acquired at Hocking. The boundary on these parcels will be marked this year, if identifiable without a survey.

Exchanges – A 0.4 acre trade took place at Dean. Fifteen acres at Hocking were exchanged for ten acres at Tar Hollow.

Zones:

Zones are spatially defined areas for which the management and use of those areas is clearly outlined. Zones are intended to be used by foresters, forest managers, and program managers in their decision making process. Zones are designed to protect unique features, promote silviculture, promote recreation, and preserve aesthetic qualities of the forest. The current zoning of state forests has been developed based on the suitability, capability, history, and appropriateness of any given use to an area. It is a land use classification system.

When new properties are acquired, these parcels must be evaluated and assigned a proper zone classification in order to be properly assimilated into the overall land management system. Maps of the newly assigned zones can be found in Appendix D.

Insects & Disease:

Foresters and staff will continue to monitor for invasive / exotic / epidemic insects and diseases. Various methods are employed in this identification process. Foresters and staff are trained to identify the causal agents during fieldwork and informally monitor for a number of forest pests, including emerald ash borer, gypsy moth, Asian longhorned beetle, and hemlock woolly adelgid as well as others. The Division's forest health foresters employ numerous formal surveys statewide, many of which include the state forest system.

Insect and disease surveys conducted by employees and organizations, not directly related to state forests, are often utilized. These include the Ohio Department of Agriculture Gypsy Moth Aerial Survey.

Of primary concern this year on state forests are the identified populations of hemlock woolly adelgid in Shade River, Hocking, Dean, and Zaleski state forests. Division staff are working cooperatively with Ohio Department of Agriculture to address this issue as it develops. Staff are currently in place to conduct treatments at these state forest infestation sites.

Utilization & Marketing:

Along with the products resulting from silvicultural treatments, firewood sales allow for additional marketing of wood products. These public firewood sales utilize wood that normally would not have any other value and provide a venue for forest staff to dispose of wood from storm debris and hazard trees. Firewood sales also promote good neighbor relationships with the public.

Forest managers will work with the district manager to determine which forests, what woody material, and how much woody material will be utilized during firewood sales. The project proposal process may be utilized to identify areas for crew logging to obtain firewood if needed.

Firewood may also be relocated, by forest crews, to a central location in order to allow for more public convenience and safety during firewood collection. Logging debris suitable for firewood may also be utilized. Forest managers will distribute and track firewood permits accordingly.

The only state owned and operated sawmill is located at Zaleski State Forest. The purpose of the mill is to produce rough sawn lumber for any state or local governmental agency, as needed. Each year, the division solicits orders for the mill and the orders have been averaging roughly 50,000 bd-ft/yr. Raw logs are acquired through silvicultural prescriptions and roadside salvage operations on state forests and primary conversion is completed by the crew with state owned equipment. This complete process requires several crew days per year. Excess lumber and slabs from mill orders are offered for sale to the public by contacting the Zaleski State Forest office.

Research:

Over the years, numerous studies have taken place within the state forest system. Opportunities to conduct research projects exist for any person or group. A special use permit must be applied for, and the activity must be approved by the Chief of the Division of Forestry.

Current research partners include, but are not limited to, Division of Wildlife (DOW), Ohio State University (OSU), Ohio University (OU), and the U.S. Forest Service (USFS).

Vinton Furnace State Forest has a unique history with research that predates state ownership. The U.S. Forest Service has been conducting research on this property since 1952. A special zone has been created at the Vinton Furnace State Forest in which only forest management related to research is conducted.

When the property was purchased by the state of Ohio, grant agreements and deed stipulations required a research committee be formed to evaluate and approve research projects conducted at Vinton Furnace State Forest. This committee is composed of representatives from the Division of Wildlife, U.S.

Forest Service, U.S. Fish and Wildlife Service, and the Division of Forestry. This Research Advisory Committee (RAC) is chaired by the Chief of the Division of Forestry.

High Conservation Value Forest Monitoring:

Maintaining and promoting the features that make areas designated HCVF's are important to the Division of Forestry. Each year the division will monitor a select number of these HCVF areas. Following are the sites to be monitored in 2017.

<u>ZONE</u>	<u>FOREST</u>	<u>ACRES</u>	<u>YEAR</u>	<u>HCVF Name</u>
1A	SH	806	2017	Shaw Hollow
1A	ZA	60	2017	Raccoon Cr. Bottom

Minerals:

As oil and gas development activity increases in east-central Ohio, the department is presented with many proposed right-of-way leasing opportunities for pipelines. These requests will be evaluated on a case-by-case basis. Considerations include both environmental and financial impacts of the development on state forest property and adjacent landowners.

Previous mining activities have taken place at Perry State Forest prior to state ownership and modern reclamation laws. This state forest currently suffers from poor water quality, mining high walls and other resource damage related to abandoned large scale coal mining sites. If opportunities arise, reclamation of these areas may be evaluated in order to achieve long term water and soil quality improvements. The department is considering a re-mining and reclamation proposal at Perry State Forest. If approved, reclamation of this area would focus on improving the water and soil conditions in this area and would include reforestation.

Shawnee Backcountry Management Area:

The division will continue to evaluate the Backcountry Management Area Plan (BCMAP), and a revised plan will be drafted. Based on stakeholder input, the new plan will not include opening forest road #5 to public travel. Upon completion of the new draft plan, the division will undertake a public input process to gain feedback on the draft prior to implementation.

Certification:

The Division of Forestry will continue third party dual certification under the Forest Stewardship Council[®] and the Sustainable Forestry Initiative standards. Surveillance audits will be conducted in the fall of 2016.

III. Maintenance

Buildings:

Throughout the state forest system, there are numerous facilities ranging from primitive latrines to headquarters and maintenance shops. The forest operations crews will be responsible for the following:

- Routine maintenance on all buildings and facilities.
- Routine upkeep on all buildings and facilities. Workspaces will be kept neat and organized.
- Staff will be responsible for keeping their offices clean and organized. Office spaces must be reasonably neat and presentable at all times.

Roads and Bridges:

Forest operations crews and the forest manager will be responsible for the following planned workload as well as other issues as they arise:

- Perform Ohio Department of Transportation Scope of Services request once per fiscal year by inventorying road conditions as well as culvert and header conditions.
- Inspect culvert headers annually, clean and maintain as needed.
- Utilize ditching implements to maintain ditches along hard roads as needed.
- Utilize road graders to grade gravel roads and maintain ditches.
- Clear debris and litter from roads.
- Assist in annual ODOT bridge inspections.
- Patch potholes and repair slips, bridges, and guardrails as needed.
- Inspect all access roads and trails according to an inspection rotation. Issues will be corrected as they are identified during the inspection.

Mowing:

Roadside mowing along forest roads is utilized to increase visibility, increase public safety, and maintain the integrity of the road structure. Mowing will be conducted according to the forest manager's discretion. When roadsides are not mowed properly, forward visibility, ditch visibility, and road edge visibility may become a safety issue. Damage to ditch and drainage systems as well as road surfaces may also occur due to overgrown vegetation. Roadside mowing is extremely important in maintaining infrastructure and public safety.

Field mowing and finish mowing will occur as needed throughout southern state forests. Frequency will be dependent on growth. There are occasions where additional area mowing may occur at the forest manager's discretion.

Signage:

Signage will be replaced as needed. They will either be purchased or constructed by forestry staff. Evaluations will be made, as needed, pertaining to the state of degradation, need for maintenance or replacement, and locations of

signage. Signs should also be posted in areas where harvesting, prescribed burning, and trail work is being conducted.

Dams:

Each forest manager will maintain an Emergency Action Plan (EAP), Emergency Response Flowchart, and Maintenance records for each dam that is applicable. Emergency Preparedness Plans will also be developed as appropriate for the class I and II dams.

Forest managers will conduct monthly monitoring and inspections of the entire spillway and a yearly thorough inspection of entire dam construction, annually remove brush and trees according to a 10ft rule from all of the principal spillway inlet and outlet channels and the crew will bi-annually exercise, inspect, and lubricate (if necessary) the lake drain valves on the relevant lakes.

Hazard Trees:

The forest operations crews will:

- Remove hazard trees from the higher use areas such as roadsides, hiking trails, camps, and bridle trails.
- Remove downed trees and woody debris from roads, roadsides, hiking and bridle trails, and camps when obstructing travel and recreation.
- Respond in an efficient and effective manner to any hazard tree notice, report, or identification
- Managers and crews will stay vigilant at all times for high risk hazard trees and will report them to the appropriate supervisor or mitigate the risk as needed.
- Routine inspections of high use recreation areas will be conducted throughout the recreation season.
- Conduct public relations whenever needed to inform the public of the inherent risk of hazards in a forest environment. This can include proper signage, personal contact with visitors, web postings, etc.

IV. Recreation

Hiking Trails:

Throughout the southern state forests, there are many miles of hiking trails available to the public. Following are the planned activities for the year:

- Forest crew will fill backpack trail water tanks at Zaleski and Shawnee backpack trails as needed.
- Clear trails of debris as needed
- Mechanically mow trails as needed
- Maintain trail outhouses as needed

- Forest manager and forest crew will evaluate trail upgrades and reroutes for potential projects. Heavy consideration will be given to grading and establishing sediment control measures with machines so that they can be mechanically maintained in the future.
- Inspect trails according to annual rotation schedule.

Forestry staff will also be relocating Zaleski State Forest's main backpack trail parking lot to the Hope School House off of Wheelabout Road. This relocation would provide additional parking to alleviate congestion during peak times. The current parking lot floods during high water events and has caused damage to visitor vehicles. A connector trail has been established to link the Hope School House parking lot to the existing backpack trail.

Bridle Trails:

Bridle trails throughout the Southern District will be maintained utilizing mechanized equipment. Emphasis will be placed on establishing or maintaining existing erosion control measures. Trails will be inspected according to the designated rotation.

Shawnee Wilderness Area Trails:

The Shawnee Wilderness Area Management Plan has been updated and finalized to reflect a law change that will allow mechanical maintenance of the three designated trails. These designated trails are Buckhorn Ridge and Cabbage Patch Bridle Trail as well as the Wilderness Loop hiking trail. Trails will be mowed annually, and as needed, according to the parameters outlined in the Shawnee Wilderness Area Management Plan.

Campgrounds:

Both Zaleski and Shawnee state forest backpack trail systems have primitive backpacker camps. Several state forests in the Southern District have primitive horse camps. These horse camps are located at Zaleski, Tar Hollow, Hocking, and Shawnee state forests. Hunters' camps are located at Zaleski State Forest and Vinton Furnace State Forest. These camps are open during hunting seasons.

The forest operations crews will be responsible for:

- Cleaning the horse camp and hunters' camp restrooms during peak seasons
- Power washing and pumping out the horse camp and hunters' camps restrooms annually in April
- Maintaining the campsite numbering system where appropriate
- Hazard tree removal
- Hocking Horse Camp will also undergo improvement including the installation of new restroom facilities, camp site renovations such as widening and creating pull-through sites, new manure bins, new

culverts, aggregate, and other general upgrades such as new signage. These upgrades are supported through a Land and Water Conservation Fund grant.

The forest manager will be responsible for:

- Updating camp kiosks with new information

APV Areas:

There are three APV areas in the Southern District. Areas are located at Perry, Pike, and Richland Furnace state forests. The APV trail system is the only system with seasonal closure. The trail system is closed from the end of Regular Deer Gun Season to April 1st.

These trail systems will be maintained to control erosion and re-graded using motorized equipment. All trails will be open and passable during the recreational user season. Sanitary facilities will be monitored and maintained on a weekly basis. Signs will be replaced as needed. All parking areas, access roads, and emergency roads will be supplemented with gravel if necessary. Trails will be inspected according to the designated rotation.

APV area projects will include:

- Remarking trails as needed
- Updating educational signage at Perry, Richland Furnace, and Pike
- Establishment of new APV trails and features. Focus will be on establishing a skills/obstacle course at Pike.
- Work will also continue on evaluating the newly purchased property at Pike. New trails and features will be installed, when appropriate.
- Pending the approval and implementation of the proposed re-mining/reclamation project at Perry, trail work will be conducted immediately to ensure that no designated trail mileage will be lost. Division of Forestry will actively seek other areas for trail relocation to accommodate for trail mileage within the approved project area.

Shooting Ranges:

Zaleski has one shooting range. The range is cleaned weekly during peak season. Mats for targets will be maintained as needed. The area will be mowed and cleaned weekly.

The Division of Forestry is continuing to evaluate a proposal for the installation of a new shooting range at Shawnee State Forest in Hobey Hollow. Details for the construction and administration of the new shooting range will be developed as appropriate.

V. Wildland Fire

Suppression:

The Division of Forestry has the statutory authority for fire suppression and protection within the designated protection area of the state. Division employees serve as initial attack resources within the forest boundaries and assist Volunteer Fire Departments (VFDs) outside the forest boundaries, when requested. Most requests involve the use of heavy equipment.

- The staff will respond to VFD mutual aid requests within the State Forest Fire Protection Areas.
- Fire Protection Area Supervisors will maintain call out sheets and will coordinate wildfire response procedures.
- Fire Protection Area Supervisors will report and update the district manager of fire suppression activities and potential wildfire conditions.

Prevention:

Nearly 100% of wildland fires in Ohio are human caused and usually result from debris burning. In order to promote wildfire prevention and awareness:

- The forest manager will work with the district manager and central office staff to coordinate media activities such as interviews with the local press for television and newspaper articles. Timing critical releases with high danger fire weather will be critical in increasing public awareness.
- Smokey Bear signs will be updated as needed to raise public awareness according to the current fire danger. This is to be tracked by the forest manager.
- Smokey Bear suits are also loaned out to local fire departments and other partner organizations to further promote prevention.

Prescribed Fire:

The Division of Forestry embraces the use of prescribed fire as a management tool and is currently collecting data in state forests to better implement a prescribed fire program. The data collection will inform future burn prescriptions and monitor results from previous fires. There are two main purposes of burns in oak/hickory forests. These include site preparation burns to increase the probability of establishing oak/hickory on that particular stand and release burns that encourage the success of already established oak/hickory. The results of the data analysis may yield additional prescribed fire opportunity for future years.

The following is a list of prescribed burns planned for the coming year. Due to the large number of burns, not all may be burned this year due to time and weather constraints. Burn priority will be based on weather conditions and burn

type. Acreage is estimated based on projected fireline location and may vary slightly once firelines have been established on the ground.

The Chestnut Burn is part of a research project to examine the effect of fire on American chestnut seedlings. The seedlings were planted in the spring of 2015 and will be burned in the spring of 2017 to assess the effect of varying forest site conditions (upper vs. low slope; forest interior vs. gap; fuel addition vs. control) on the growth of American chestnut seedlings. It will also evaluate the immediate response of two age cohorts of American chestnut to fire disturbance. Finally, the study will establish small plots of American chestnut for assessment of long-term response to fire under varying forest light conditions in conjunction with educational purposes.

Appendix C contains maps for prescribed burns proposed for the 2016-2017 planning period

Forest	Compartment	Burn Name	Acres
Blue Rock	A-18	Air Strip	60
Pike	D-13, D-14, D-15 & D-16	Little Sunfish	142
Richland Furnace	B-2	Pigeon Creek	112
Scioto Trail	C-4	Long Branch North	243
Scioto Trail	E-5 & E-6	Woods Hollow	115
Scioto Trail	C-9 & C-13	Airport Burn	142
Scioto Trail	E-3	Back Hollow East	89
Scioto Trail	E-3	Back Hollow West	127
Tar Hollow	A-9, A-15	327 Field	21
Tar Hollow	D-1, D-7, D-9	Locust Ridge	265
Zaleski	E-5, E-11	Will Tract Loop	68
Zaleski	C-4	Morgan Hollow	143
Zaleski	C-11	Loper Hollow East	201
Zaleski	C-11	Loper Hollow West	146
Zaleski	C-13	White's Burn	90
Zaleski	C-2	Mizner Hollow	155
Zaleski	A-12	Bolster Hollow	143
Vinton Furnace	2	Chestnut Burn	20
Total			2,282

Interagency Fire Crew:

Qualified staff will be allowed to participate in interagency fire crew assignments. Interagency fire assignments will allow for professional development and information sharing among various agencies, and will also increase our ability to fight fire within our own fire protection district by providing experience on large and complex incidents.

Forestry employees that wish to participate in interagency assignments are required to complete Interagency Fire Crew Availability Sheets in late winter / early spring and submit them to their supervisor for approval before forwarding to the district manager for approval.

Training:

Well-trained staff with diverse experience levels shall be maintained at all times in order to effectively suppress wildland fires.

- Firefighting staff desiring to participate in the Interagency Fire Crew will attend the Interagency Fire Refresher annually.
- Unit fire refresher will be conducted each season.
- District fire refresher will be conducted annually.
- Firefighters will attend NWCG and other fire training as needed to meet goals in the Division's fire manual.
- Training shall be tracked and recorded after completion.

State forest staff also offer several training opportunities to local fire departments including a 6-hour "Fundamentals of Wildland Fire Suppression" course.

Fire Department Contacts:

Fire Protection Area supervisors will maintain the contact information for all of the fire departments within the fire protection area. Staff will also strive to maintain open communications with departments and to also improve communications. Supervisors will attend fire department association meetings each season. Staff will also process fire reports as they are submitted by Fire Departments.

Firewise:

Staff will continue to support the Firewise Program. Community Wildfire Protection Plans (CWPP) are to be completed within the district in order of assessed risk (according to the Ohio Wildfire Risk Assessment)

1. Pike County
2. Ross County
3. Highland County
4. Vinton County

Existing CWPPs in Scioto, Lawrence, Gallia, Jackson, Adams, Hocking, Meigs, Athens, Washington and Licking counties should be updated and renewed as needed. Assistance with implementation of these plans will also take place as needed.

The Firewise USA Communities currently in existence in Ohio are Washington Township in Scioto County and Peebles in Adams County. Assistance to these communities should be provided to ensure that they reapply for status as well as meet the Firewise USA Community program requirements. The district fire program administrator will take a lead role in these activities. He will also work

with additional communities identified as very high or high wildfire risk to achieve Firewise USA Community status.

FEPP/FFP:

Each year, staff will inspect Federal Excess Personal Property (FEPP) that has been assigned to the fire departments by the Division of Forestry. The inspections generally occur from January 1st to March 1st.

Grants:

The Division administers several grant opportunities for Volunteer Fire Departments. Forest staff will promote the opportunities to local VFD's.

Future Opportunities:

Recent changes in the Ohio Revised Code have created the opportunity for the forest fire protection area to expand and include other areas. As required by law, considerations will include forest cover, threat to forest resources, population, and fire occurrence. If the area is expanded in southeast Ohio, Shawnee, Scioto Trail, Hocking and Blue Rock state forest staff will assist new departments with their needs relating to wildland fires.

VI. Law Enforcement

In 2013 forest officers in the Division of Forestry were transferred to the Division of Parks and Recreation. Law enforcement on state forests is now provided by park officers to expand normal patrol coverage. Immediate enforcement issues are reported to the ODNR Communications Center for dispatch. Other issues, including wildfire investigations, are communicated to park officer supervisors for assignment.

VII. Training

Employee development will be considered as opportunities arise. Fire training has been addressed in the above sections. CPR and First Aid will be offered to all employees. Other training opportunities may include professional-level forestry training, equipment operations, all risk response training, dam emergency response and many on-the-job-training experiences.

Each year, state forest staff participate as instructors in the Ohio Forestry Association's Master Logger training program. A "best management practices" (BMP) training area is utilized at Scioto Trail State Forest, and employees assist in each of these BMP trainings. Each forester and manager must receive this training before administering timber sales.

Staff in a position to observe and/or respond to an ODNR dam emergency will be following a dam response training plan. In the event of an ODNR dam emergency, state forest staff are expected to respond in various capacities based on their training and experience.

VIII. Public Information/Outreach

Planned Events:

- Open House in late July
- Participate in the Ohio State Fair
- Participate in the Paul Bunyan Show
- Participate in the Farm Science Review
- Host Buckeye Hero Hunt at Zaleski for wounded veterans
- Host Y-Bridge Longbeards handicap hunt at Blue Rock
- Host Pike Forestry Field Days
- Host in Scioto County Forestry Field Day
- Media and other opportunities as they arise
- Fire prevention representation at parades and community functions
- Participate in Ohio Forestry Association's Master Logger inspections

Partnerships:

- Ruffed Grouse Society
- Wild Turkey Federation
- American Municipal Power
- All volunteer fire departments in the protection area
- State Fire Marshal
- The Nature Conservancy
- Township Trustees
- Ohio State University
- Ohio University
- Hocking Technical College
- U.S. Forest Service
- ODNR - Division of Wildlife
- Wildlife Management Institute
- Division of Parks and Recreation
- Boy Scouts of America
- Ohio Forest Fire Lookout Association
- Buckeye Hero Hunt Committee
- Y-Bridge Longbeards Wheelin' Sportsmen

Volunteer Groups:

- Ohio Horseman's Council (various chapters)
- Buckeye Trail Association

- Perry State Forest APV Area Trail Riders
- Chillicothe Mountain Bike group (COMBO)

Interpretive Programs:

Programs will be offered as requested, and as time and budgets allow.

IX. Budget

Operational Budget:

FY 2017 budget will be allocated to forest managers to cover expenses related to the operation of the state forest system. Forest managers and staff regularly purchase supplies, services, and equipment and are required to budget wisely, report on expenditures, and reduce costs whenever possible. Efficiency, effectiveness, and prioritization of purchased goods and services are necessary for proper fiscal responsibility.

Revenue:

Revenue is generated from timber and product sales, firewood permits and special use permit application fees. A percentage of timber sale income is returned to the local township, county, and local school district through the “Trees to Textbooks” Program. A portion of the timber revenue kept by the Division of Forestry is utilized to pay fire departments for each wildland fire report that is submitted. These reports are generated by the fire department for each fire response that they conduct.

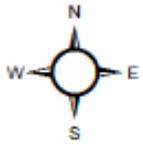
X. Safety

Forest employees participate in monthly training sessions and many other safety oriented discussions in the field. The division also participates in the Public Employment Risk Reduction Program and will continue to repair minor infractions that result from these inspections. Other safety trainings will be utilized as opportunities arise.

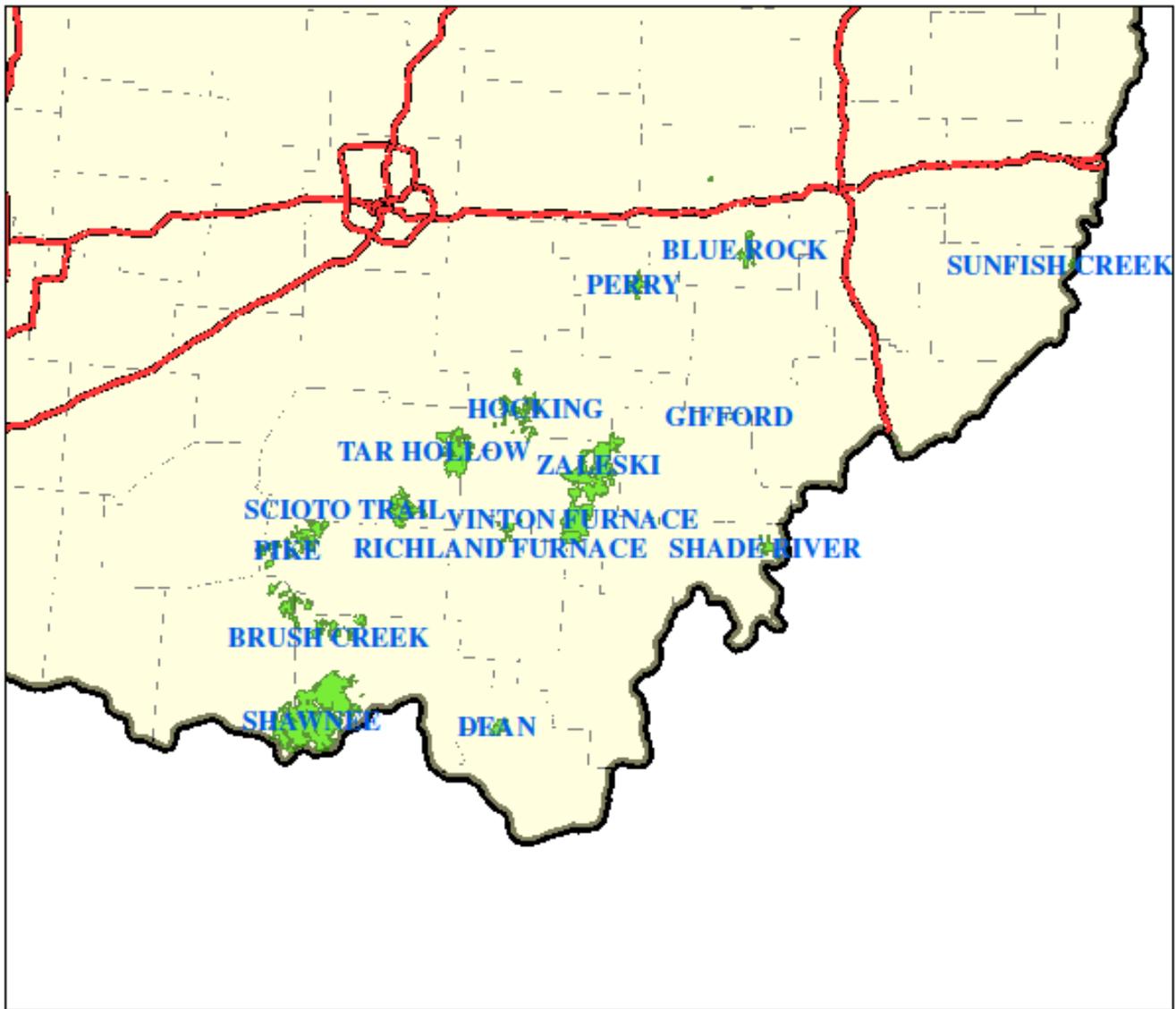
Division staff will be conducting internal hazard and safety assessments and will provide mitigating practices to eliminate or reduce the risk. Forest staff will also utilize the policies and guidelines contained within the Division Safety Manual to further improve the agency’s safety culture.

Any type of emergency (medical, fire, police, etc.) will be acted upon by staff member(s) consistent with their training, experience and ability to act.

Appendix A - Southern District State Forest Map

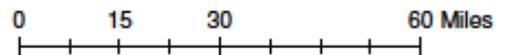


ODNR - Division of Forestry
Southern District



Legend

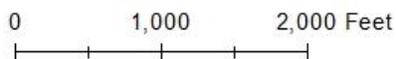
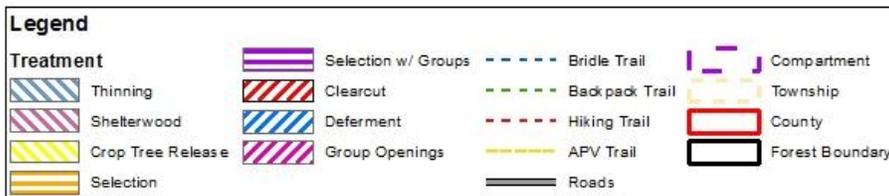
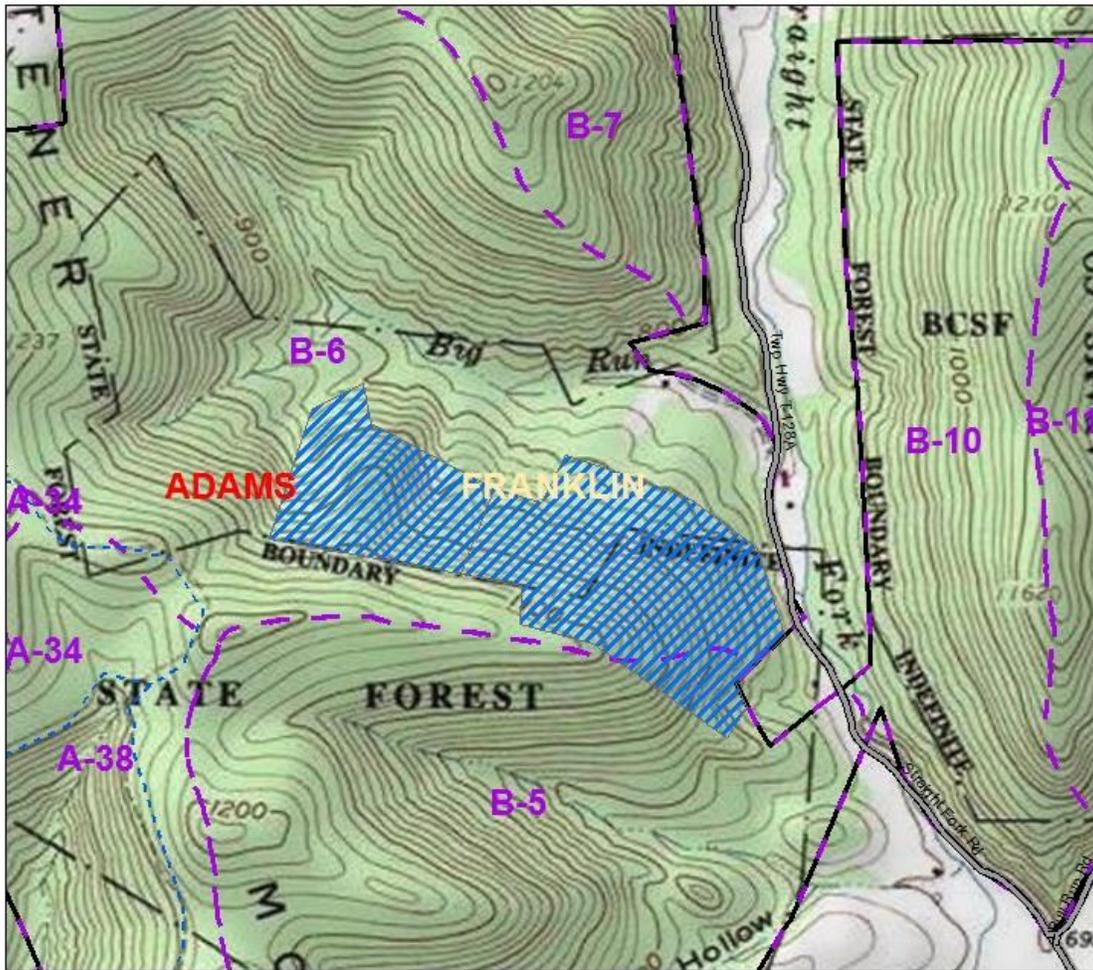
-  State Forest Property
-  Interstates
-  Counties
-  Ohio



1 inch = 24 miles

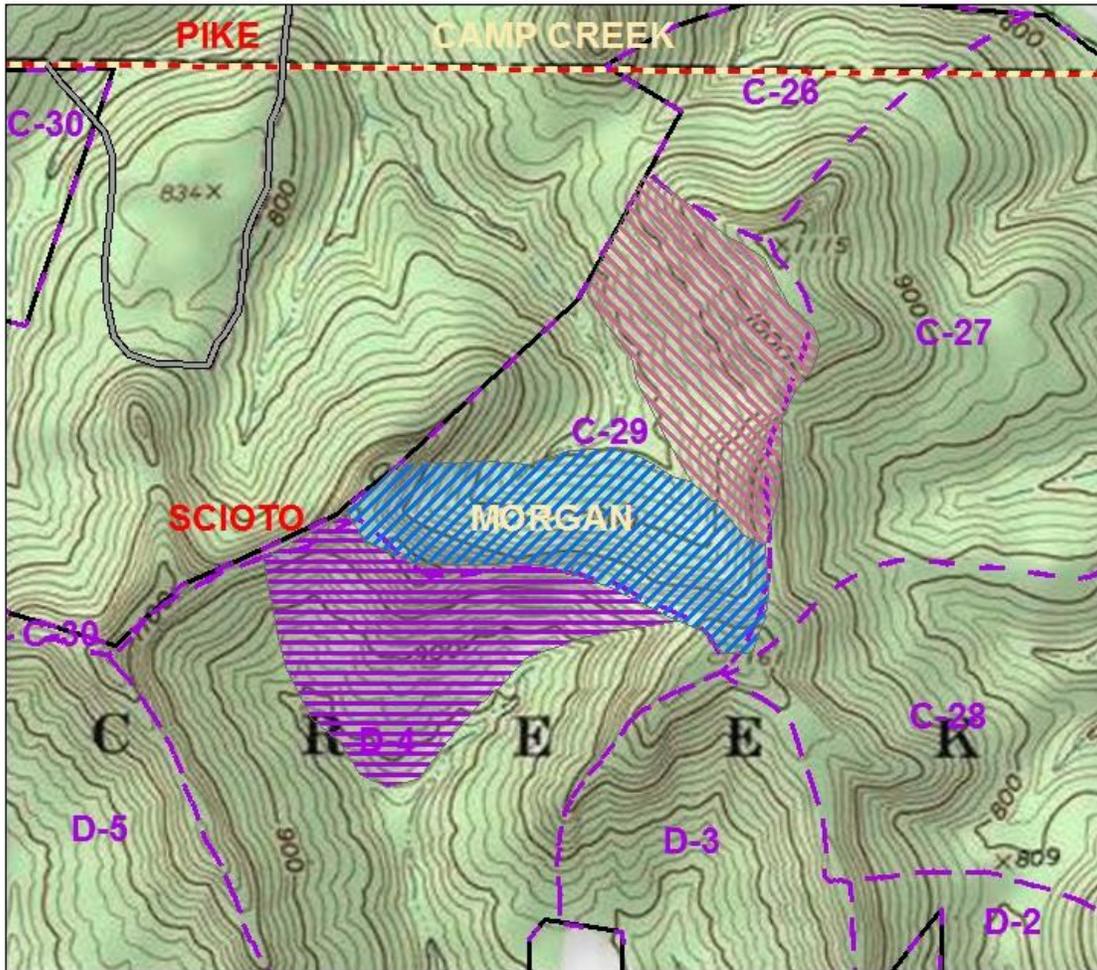
**Appendix B – 2016-2017 Planning Period, Timber Marking / Proposed
Timber Sale Maps**

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Brush Creek State Forest
 DRAFT

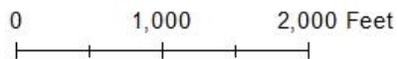


1 inch = 1,000 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Brush Creek State Forest
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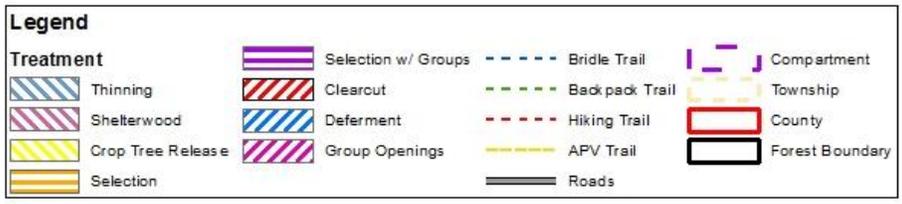
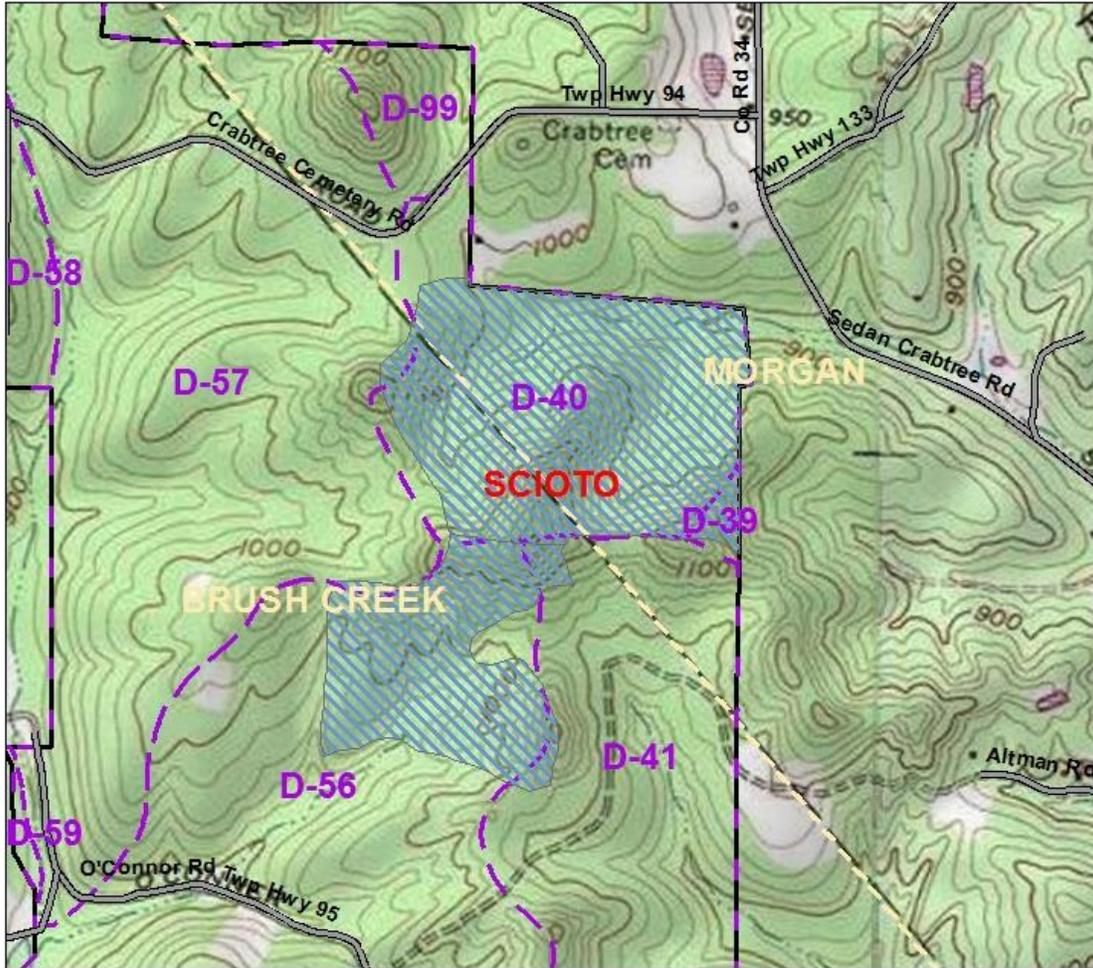


Legend			
Treatment			
	Thinning		Selection w/ Groups
	Shelterwood		Clearcut
	Crop Tree Release		Deferment
	Selection		Group Openings
			Bridle Trail
			Back pack Trail
			Hiking Trail
			APV Trail
			Roads
			Compartment
			Township
			County
			Forest Boundary

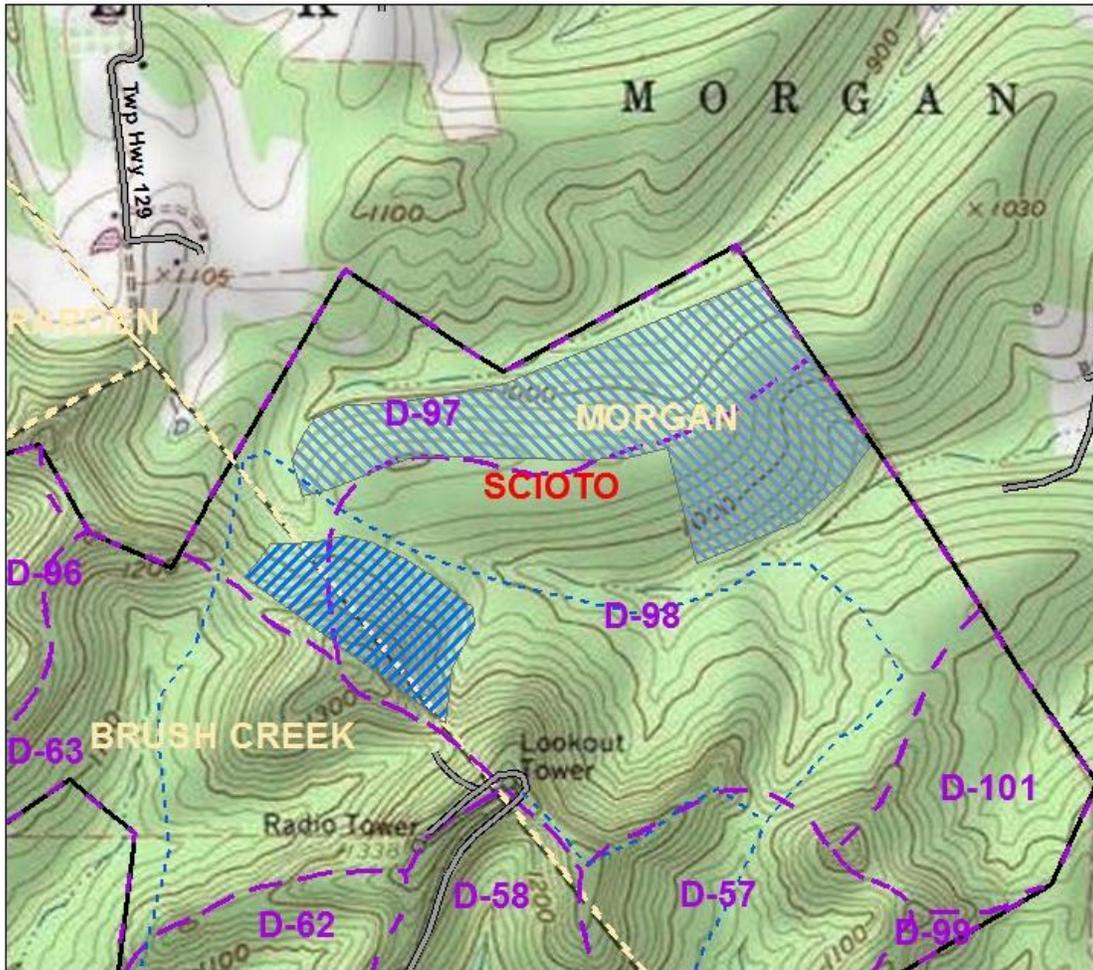


1 inch = 1,000 feet

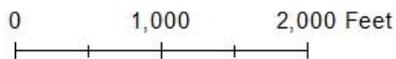
ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Brush Creek State Forest
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ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Brush Creek State Forest
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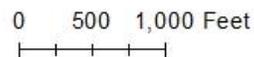
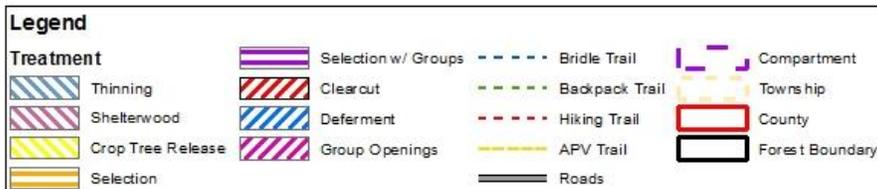
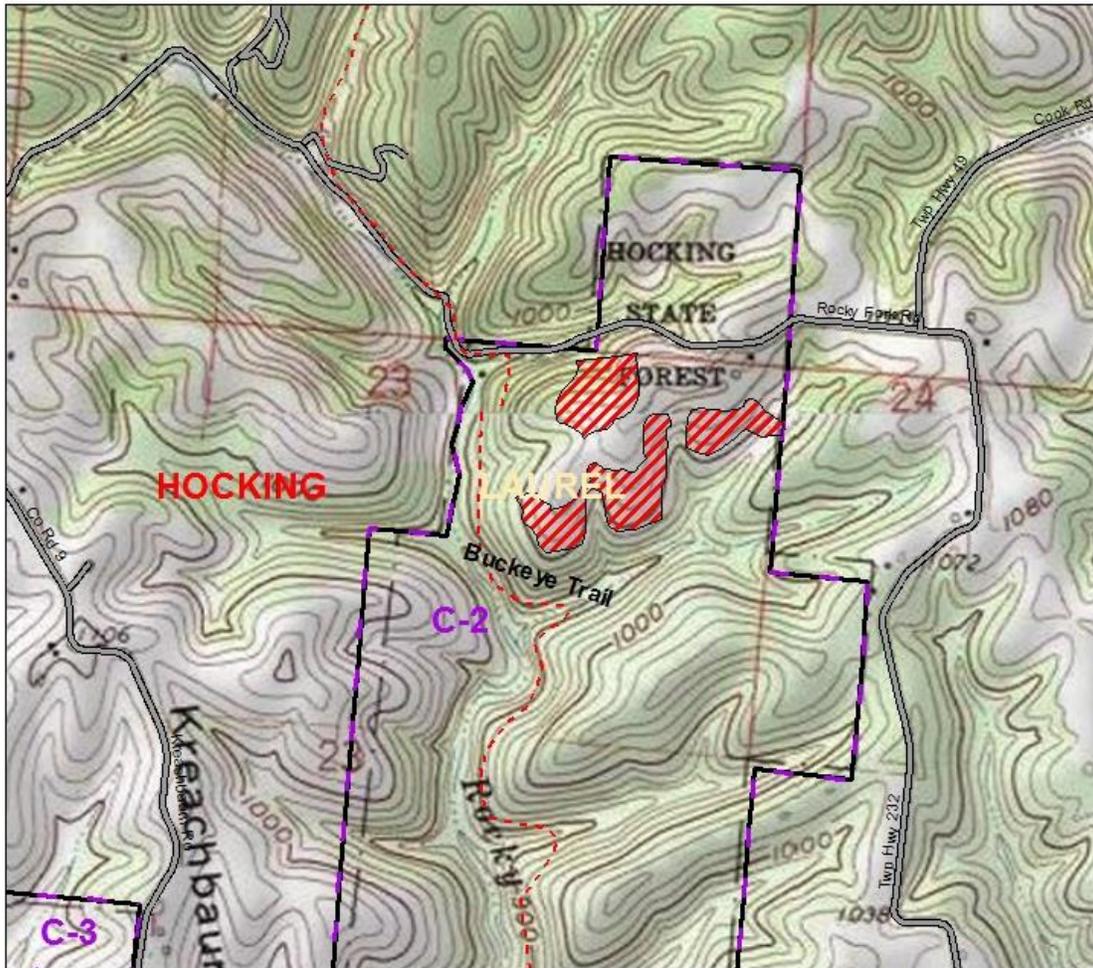


Legend			
Treatment			
Thinning	Selection w/ Groups	Bridle Trail	Compartment
Shelterwood	Clearcut	Back pack Trail	Township
Crop Tree Release	Deferment	Hiking Trail	County
Selection	Group Openings	APV Trail	Forest Boundary
		Roads	



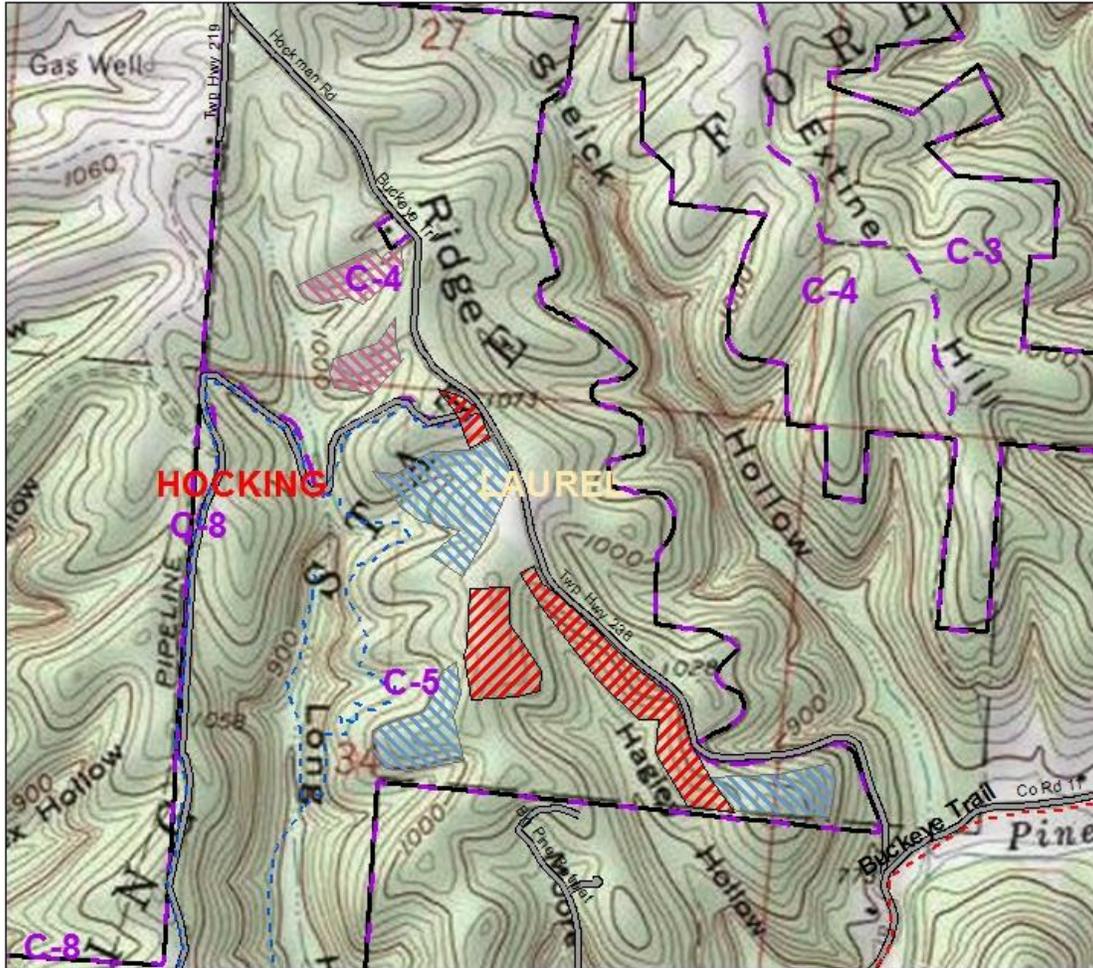
1 inch = 1,000 feet

ODNR - Division of Forestry Fiscal Year 2017 Marking Plan Hocking State Forest DRAFT

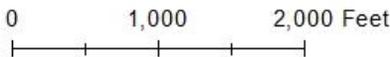


1 inch = 1,000 feet

ODNR - Division of Forestry Fiscal Year 2017 Marking Plan Hocking State Forest DRAFT

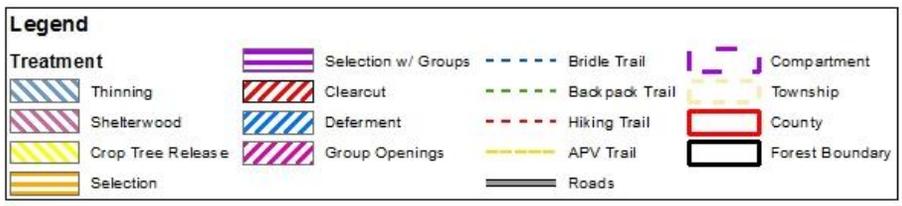
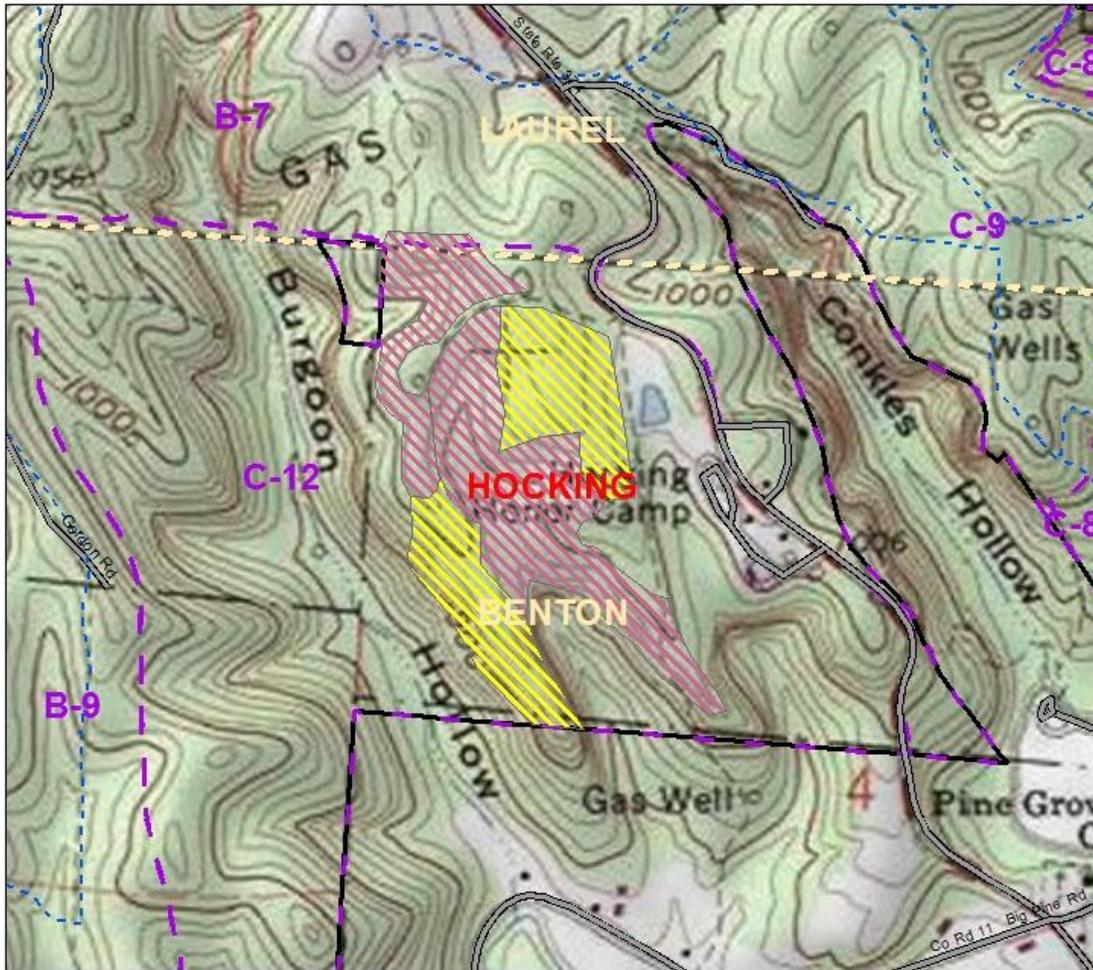


Legend				
Treatment		Selection w/ Groups	Bridle Trail	Compartment
Thinning	Clearcut	Deferment	Back pack Trail	Township
Shelterwood	Deferment	Group Openings	Hiking Trail	County
Crop Tree Release	Group Openings	APV Trail	Forest Boundary	
Selection		Roads		



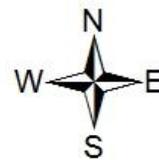
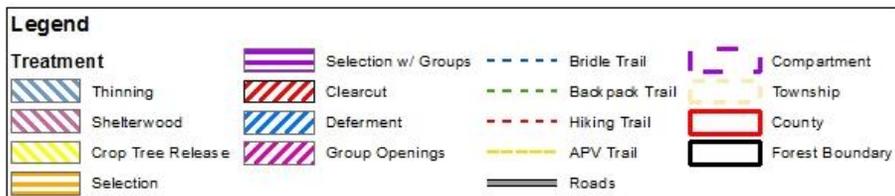
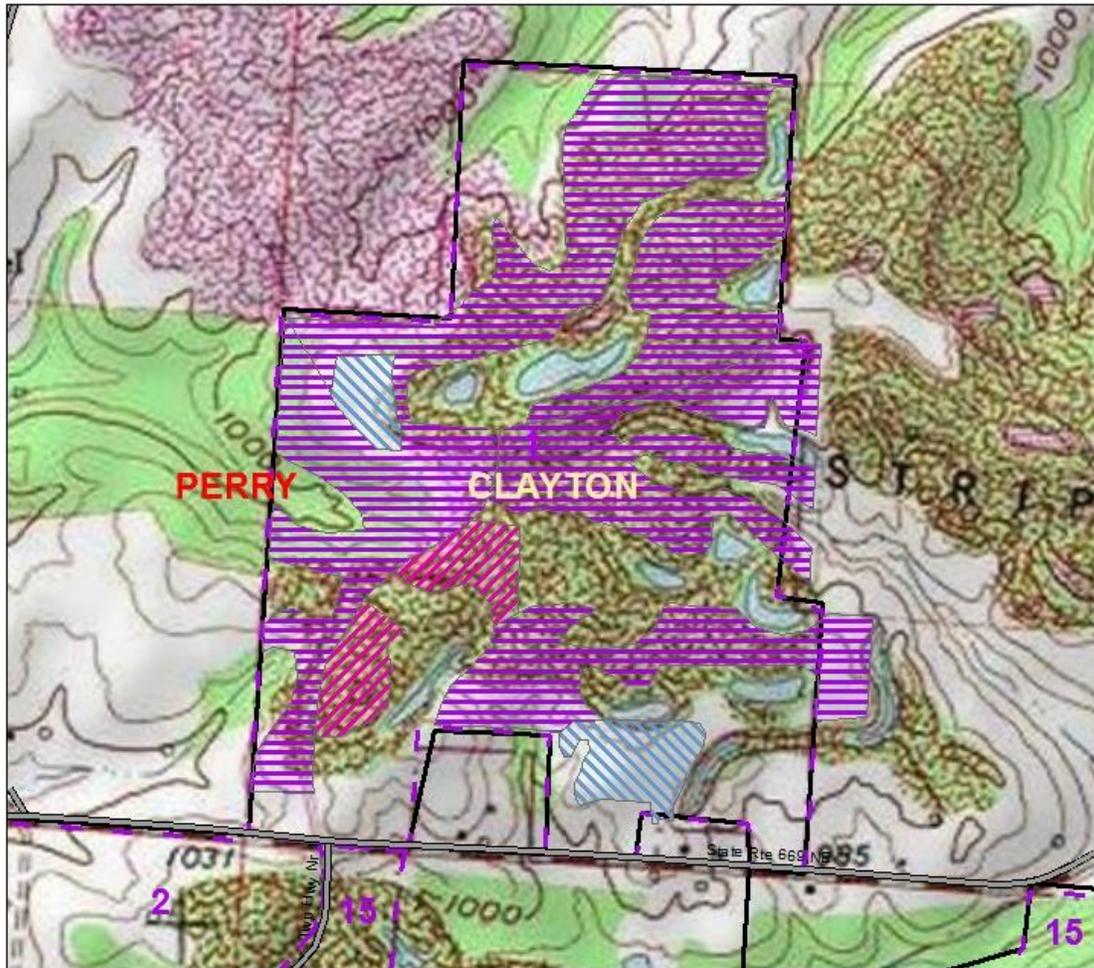
1 inch = 1,000 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Hocking State Forest
 DRAFT



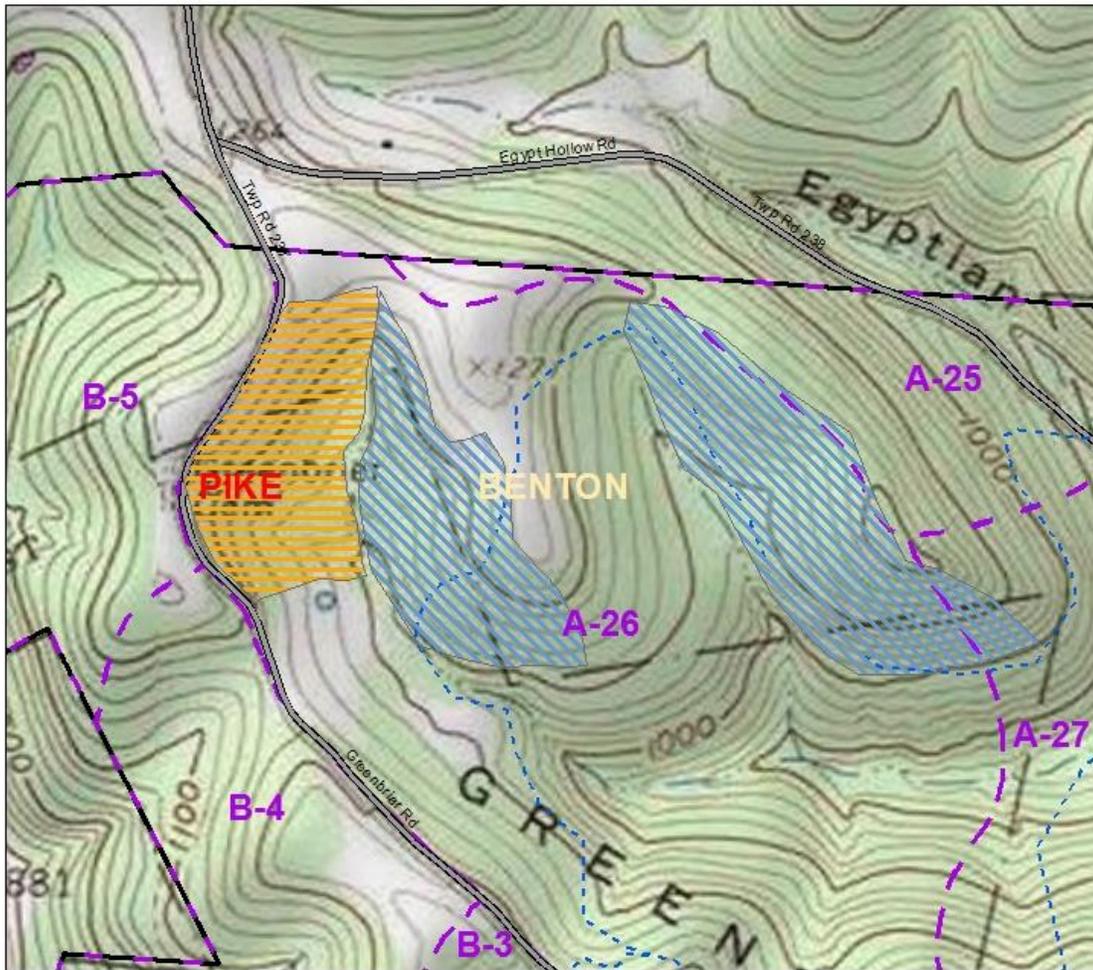
1 inch = 750 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Perry State Forest
 DRAFT



1 inch = 750 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Pike State Forest
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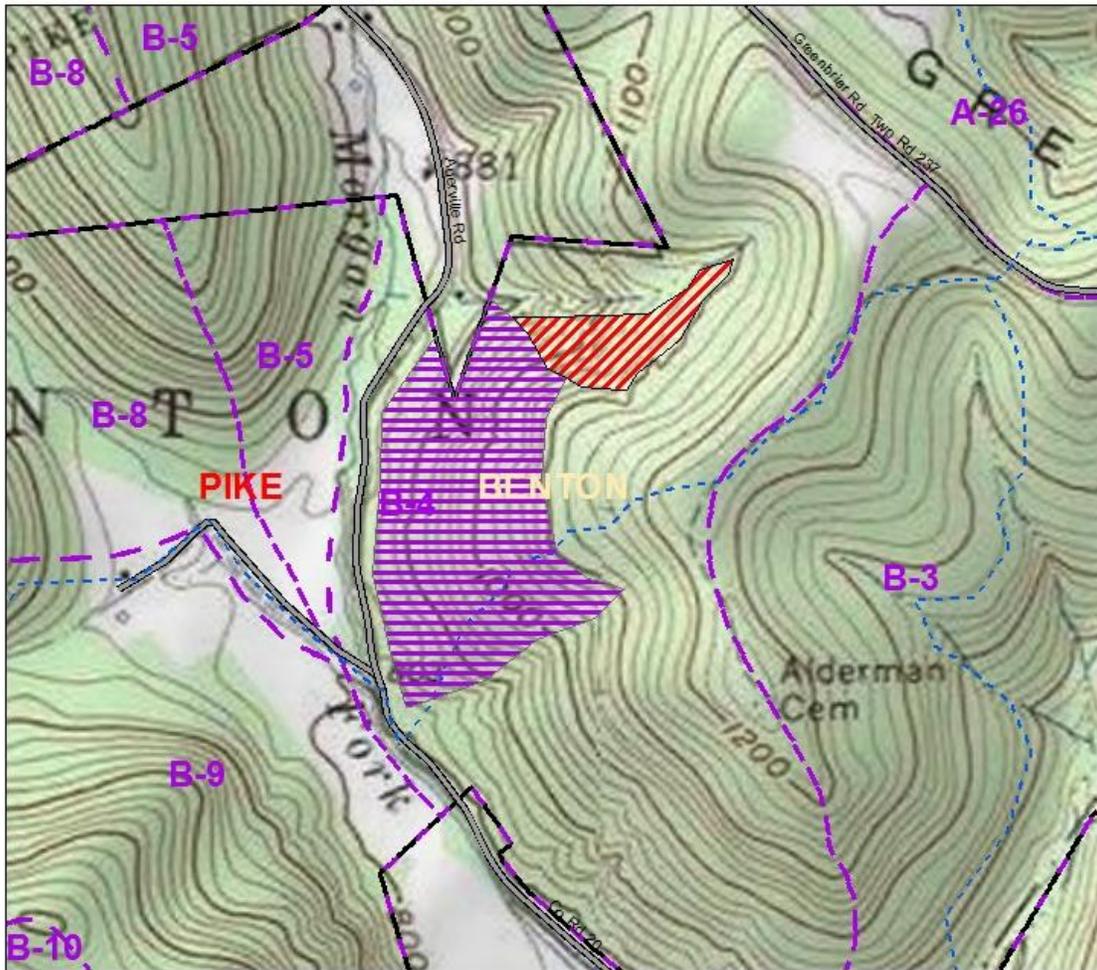


Legend			
Treatment	Selection w/ Groups	Bridle Trail	Compartment
Thinning	Clearcut	Back pack Trail	Township
Shelterwood	Deferment	Hiking Trail	County
Crop Tree Release	Group Openings	APV Trail	Forest Boundary
Selection		Roads	



1 inch = 750 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Pike State Forest
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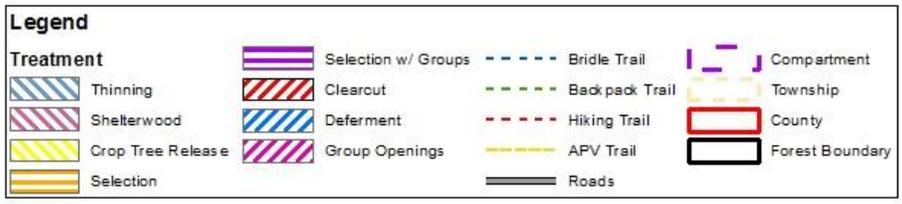
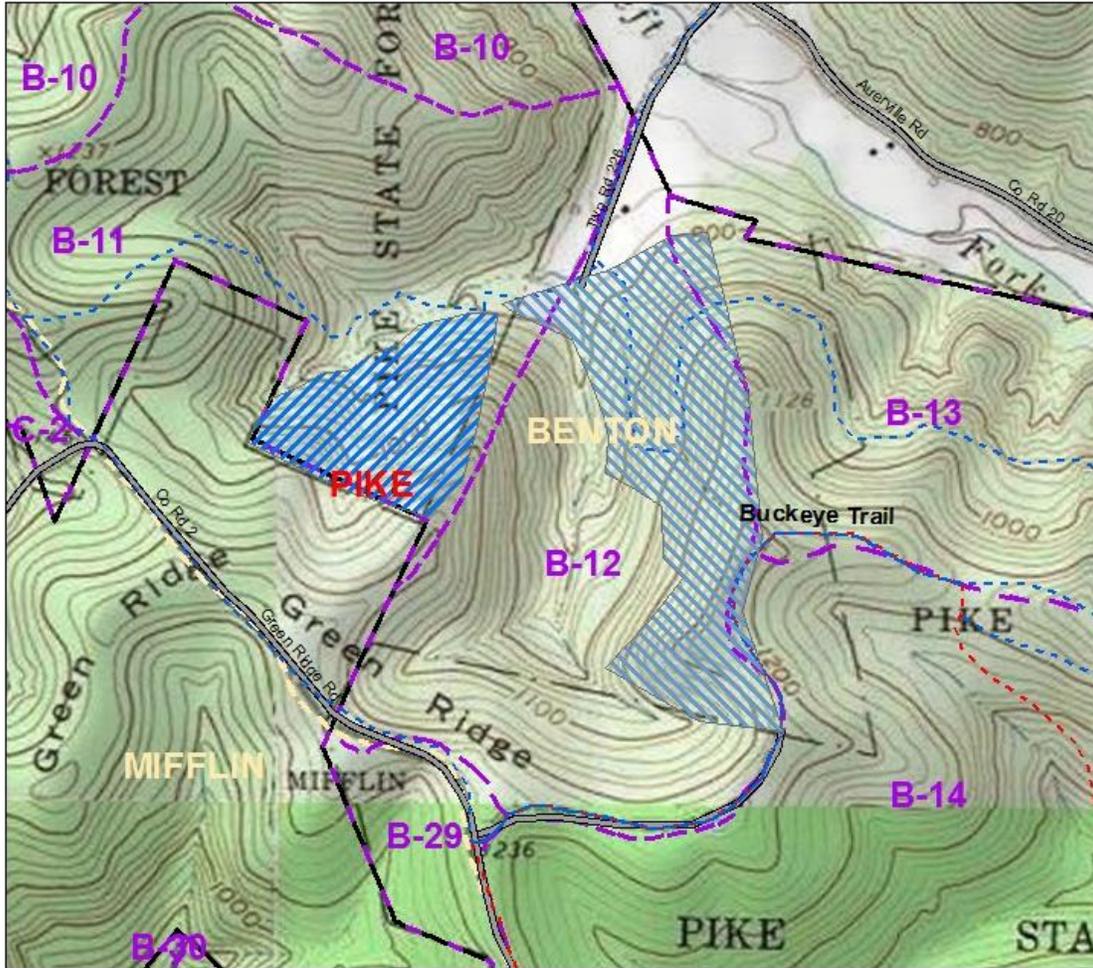


Legend			
Treatment			
	Thinning		Selection w/ Groups
	Shelterwood		Clearcut
	Crop Tree Release		Deferment
	Selection		Group Openings
			Bridle Trail
			Back pack Trail
			Hiking Trail
			APV Trail
			Roads
			Compartment
			Township
			County
			Forest Boundary

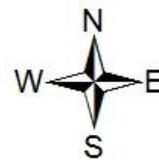
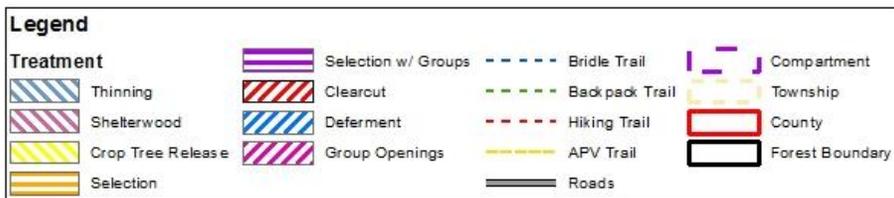
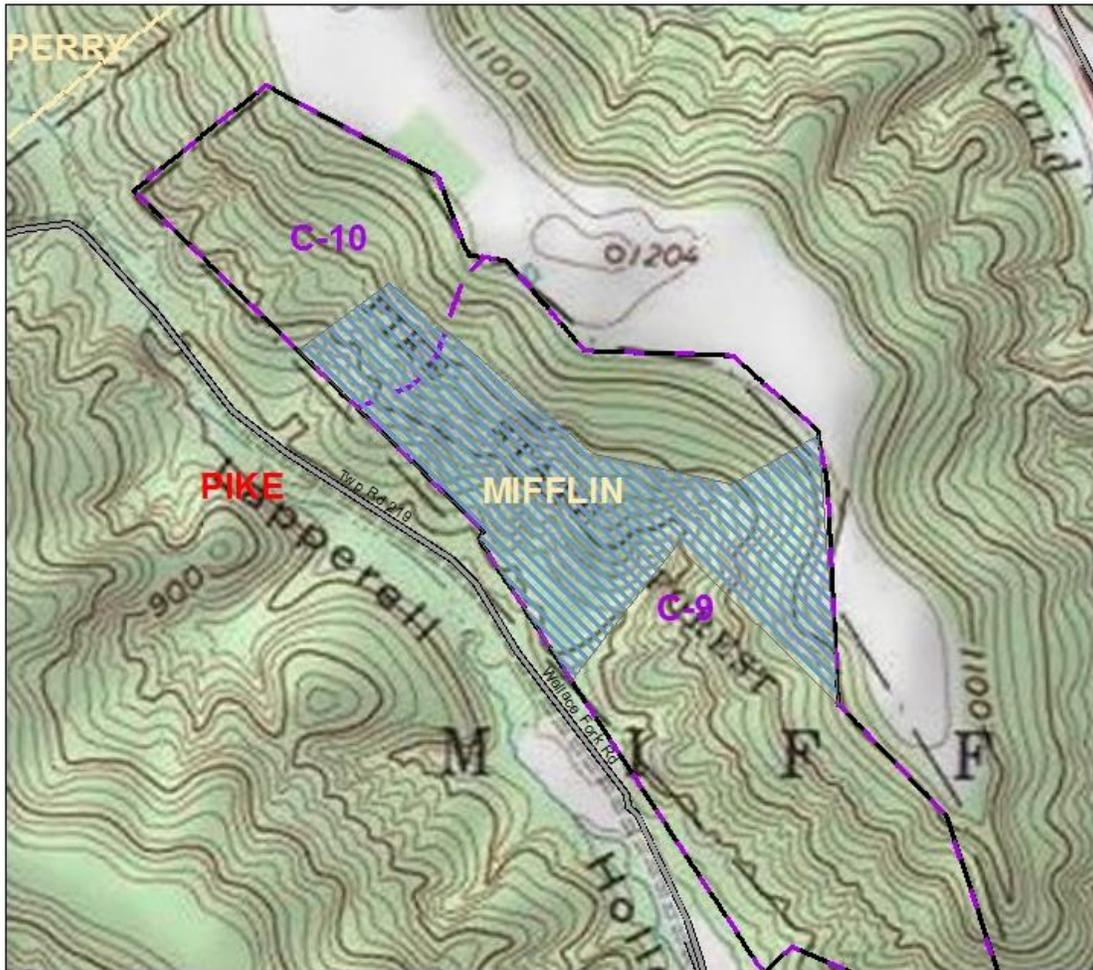


1 inch = 750 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Pike State Forest
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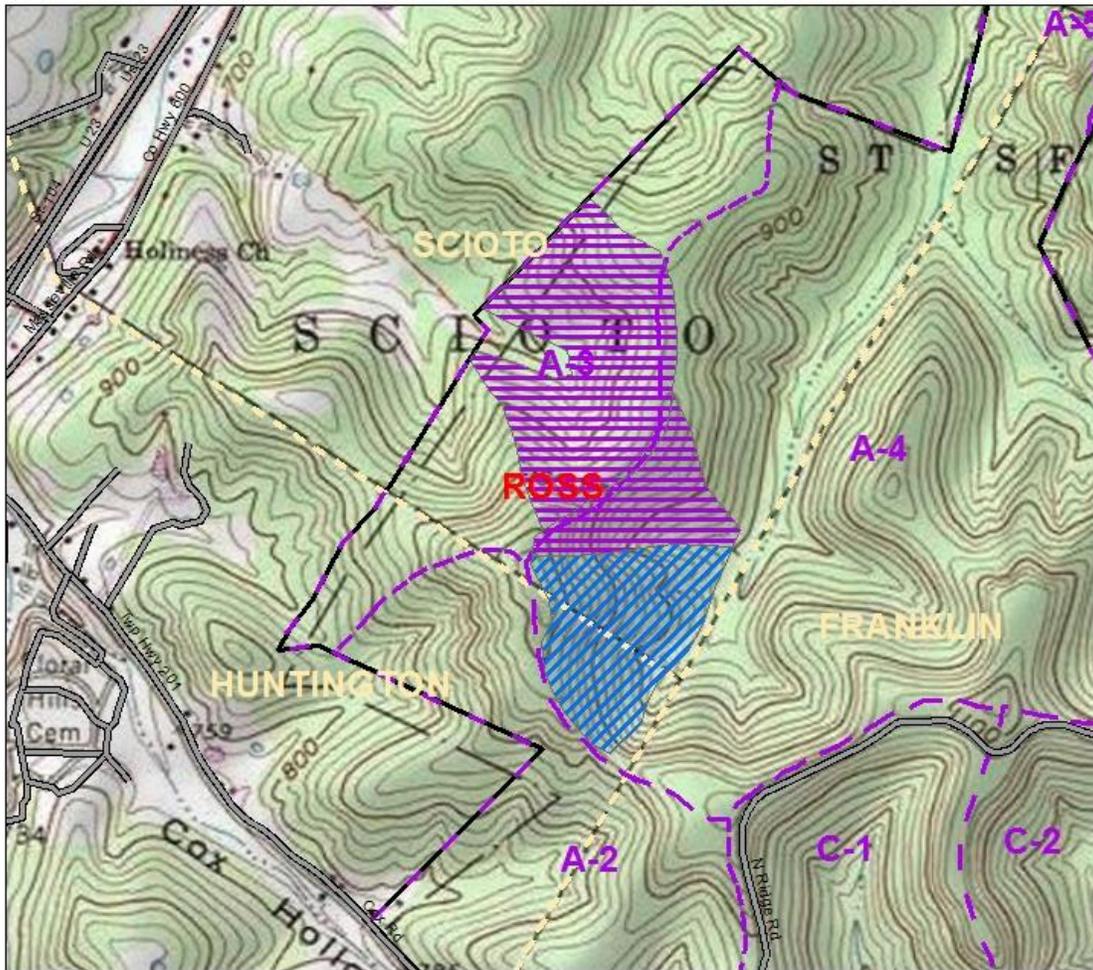


ODNR - Division of Forestry
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 Pike State Forest
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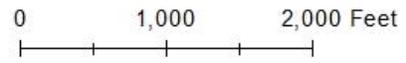


1 inch = 750 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Scioto Trail State Forest
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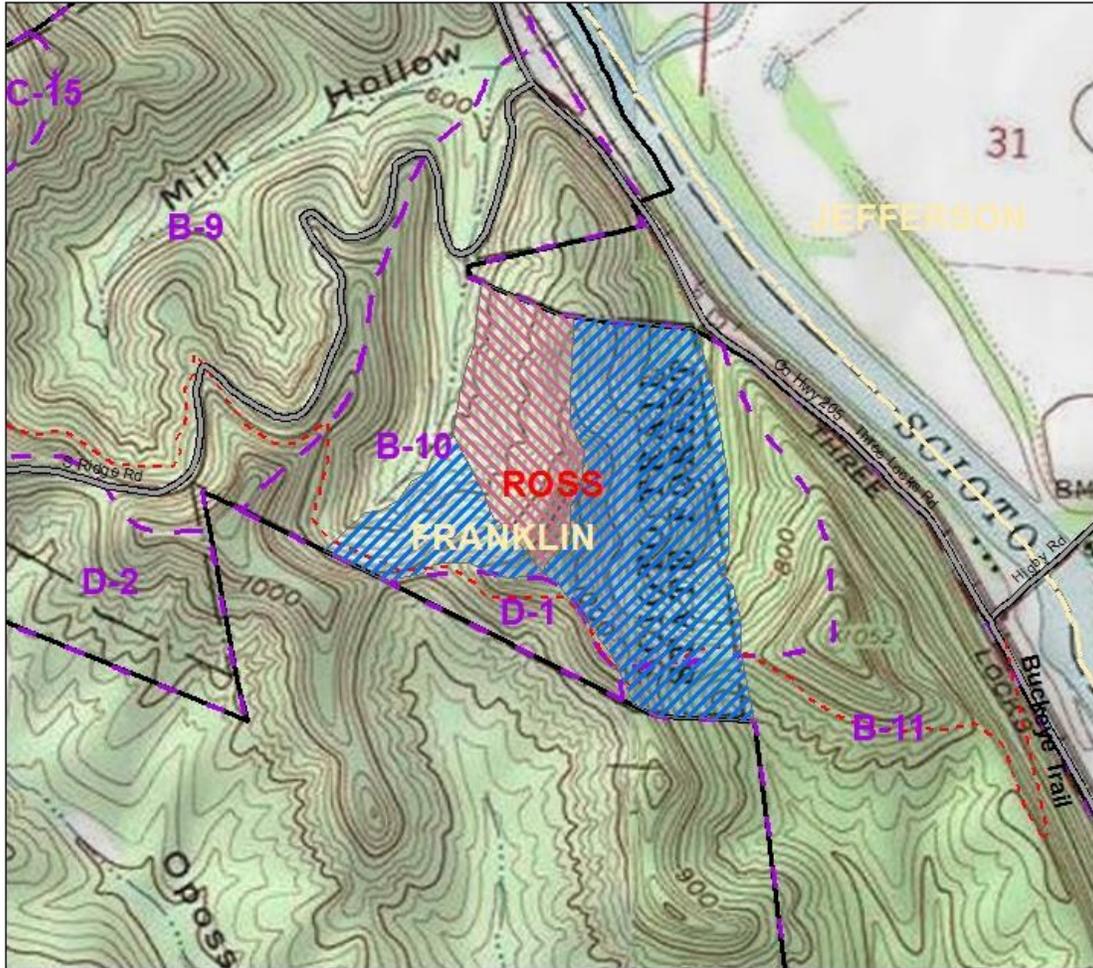


Legend			
Treatment	Selection w/ Groups	Bridle Trail	Compartment
Thinning	Clearcut	Back pack Trail	Township
Shelterwood	Deferment	Hiking Trail	County
Crop Tree Release	Group Openings	APV Trail	Forest Boundary
Selection		Roads	

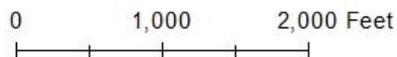


1 inch = 1,000 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Scioto Trail State Forest
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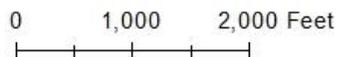
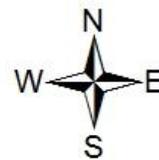
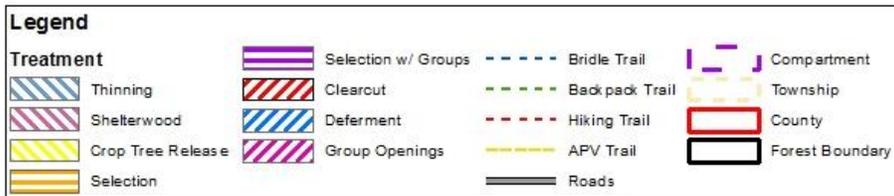
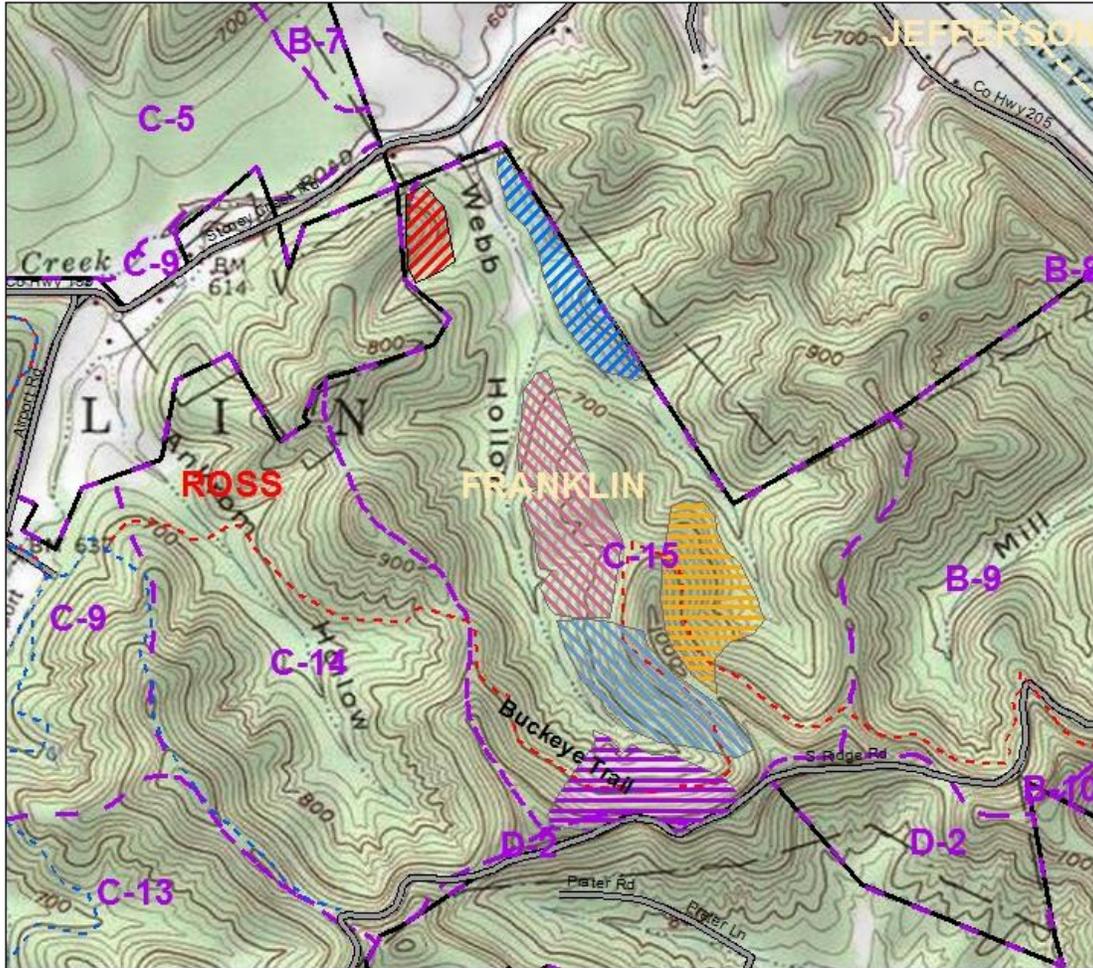


Legend			
Treatment			
	Thinning		Selection w/ Groups
	Shelterwood		Clearcut
	Crop Tree Release		Deferment
	Selection		Group Openings
			Bridle Trail
			Back pack Trail
			Hiking Trail
			APV Trail
			Roads
			Compartment
			Township
			County
			Forest Boundary



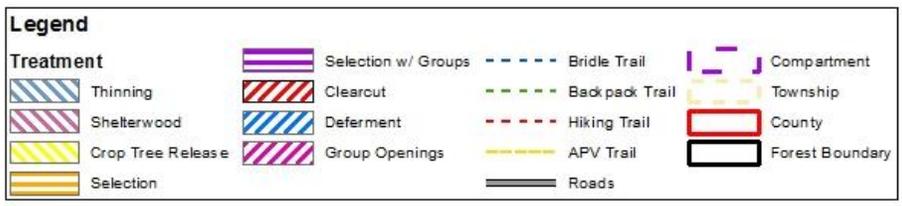
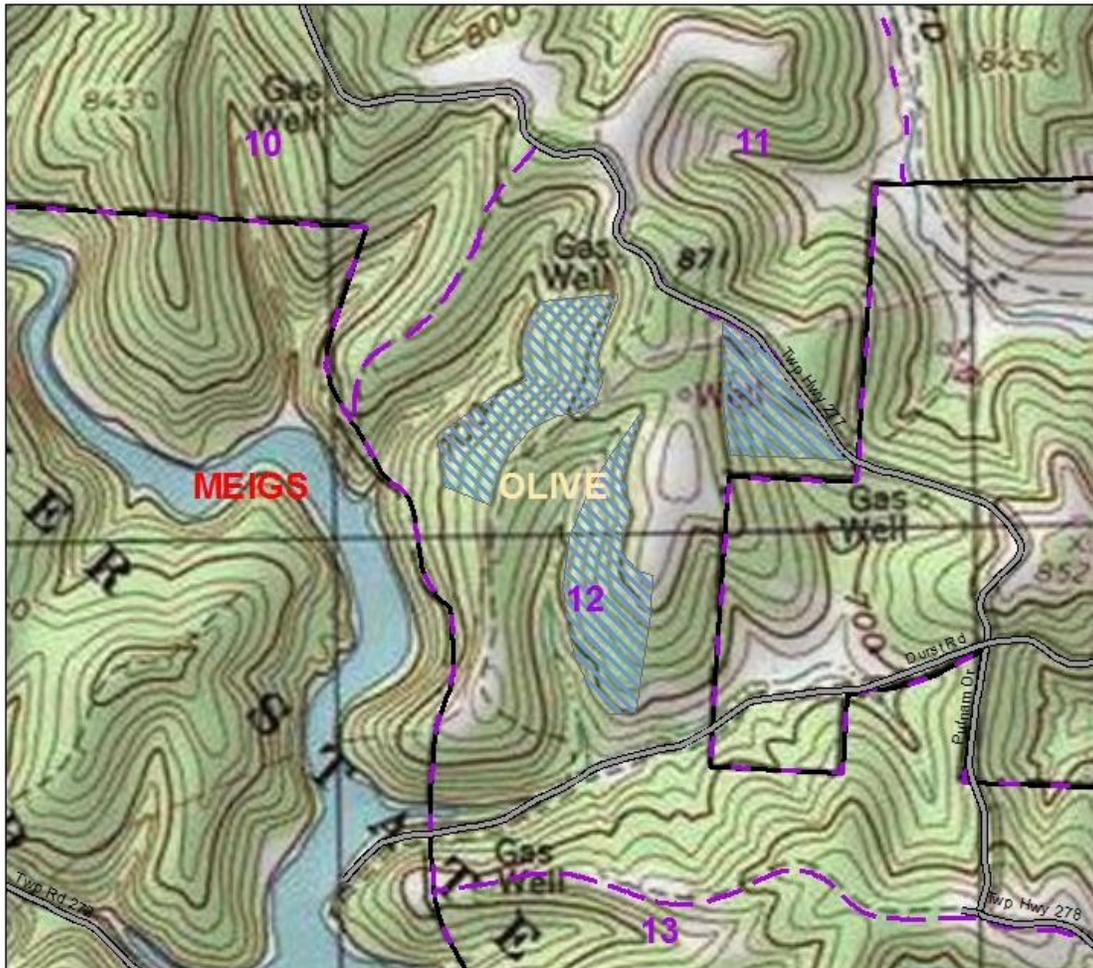
1 inch = 1,000 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Scioto Trail State Forest
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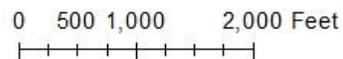
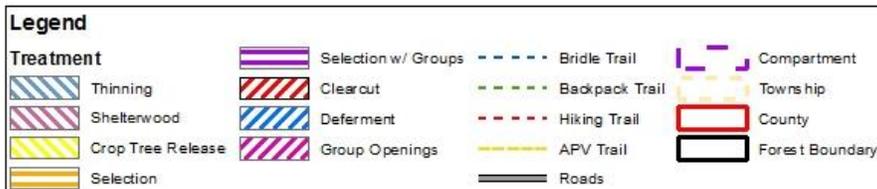
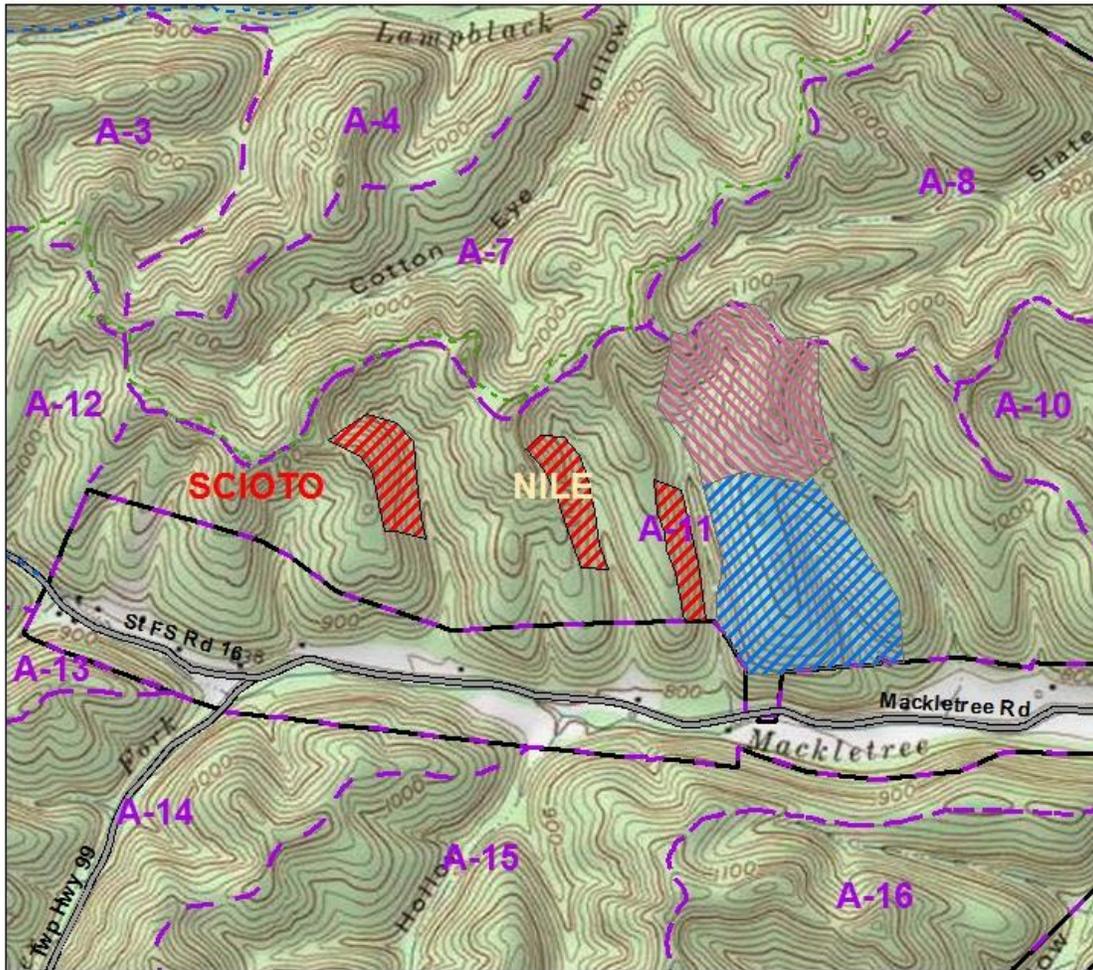
1 inch = 1,250 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Shade River State Forest
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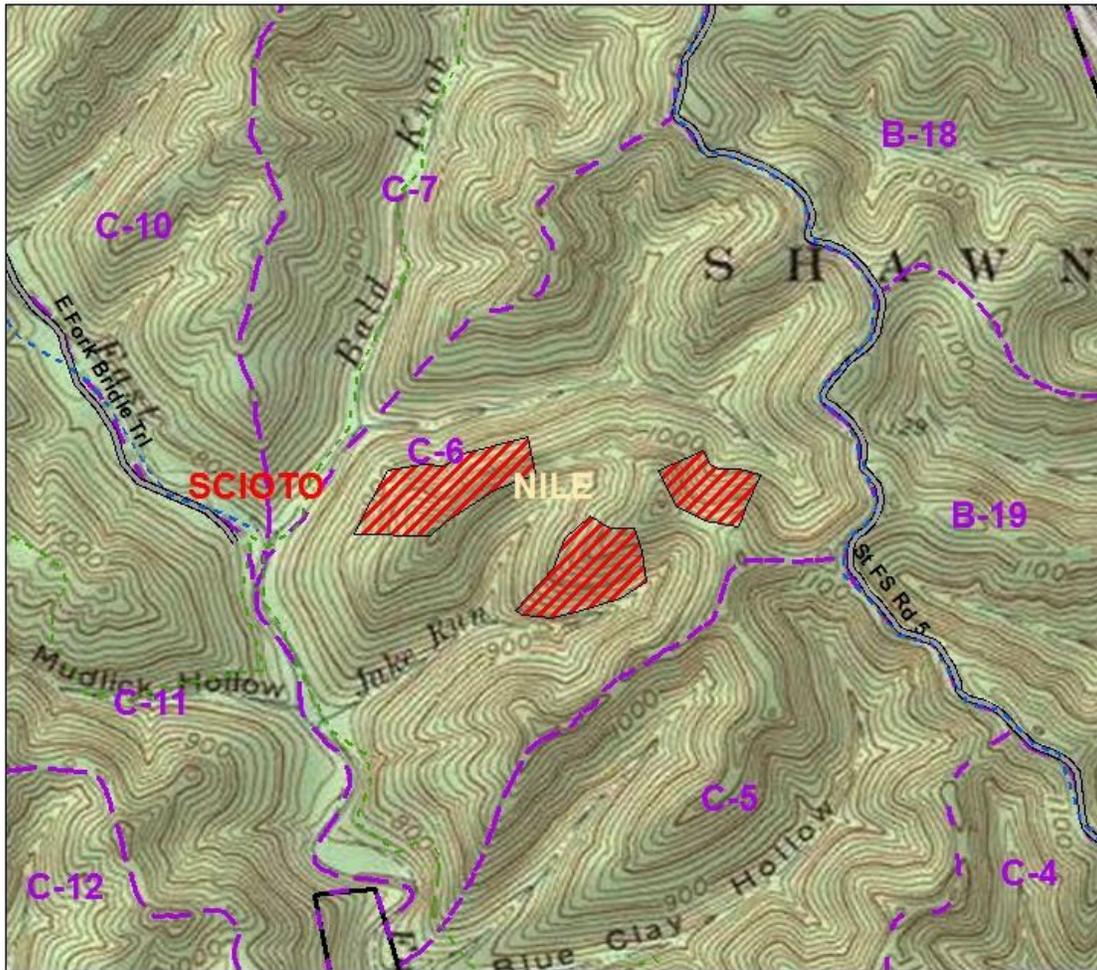
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ODNR - Division of Forestry Fiscal Year 2017 Marking Plan Shawnee State Forest DRAFT

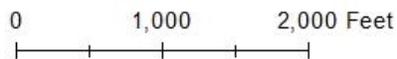


1 inch = 1,250 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Shawnee State Forest
 DRAFT

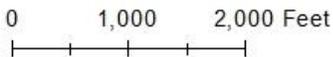
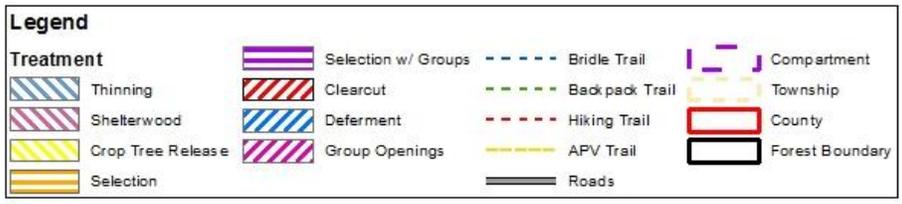
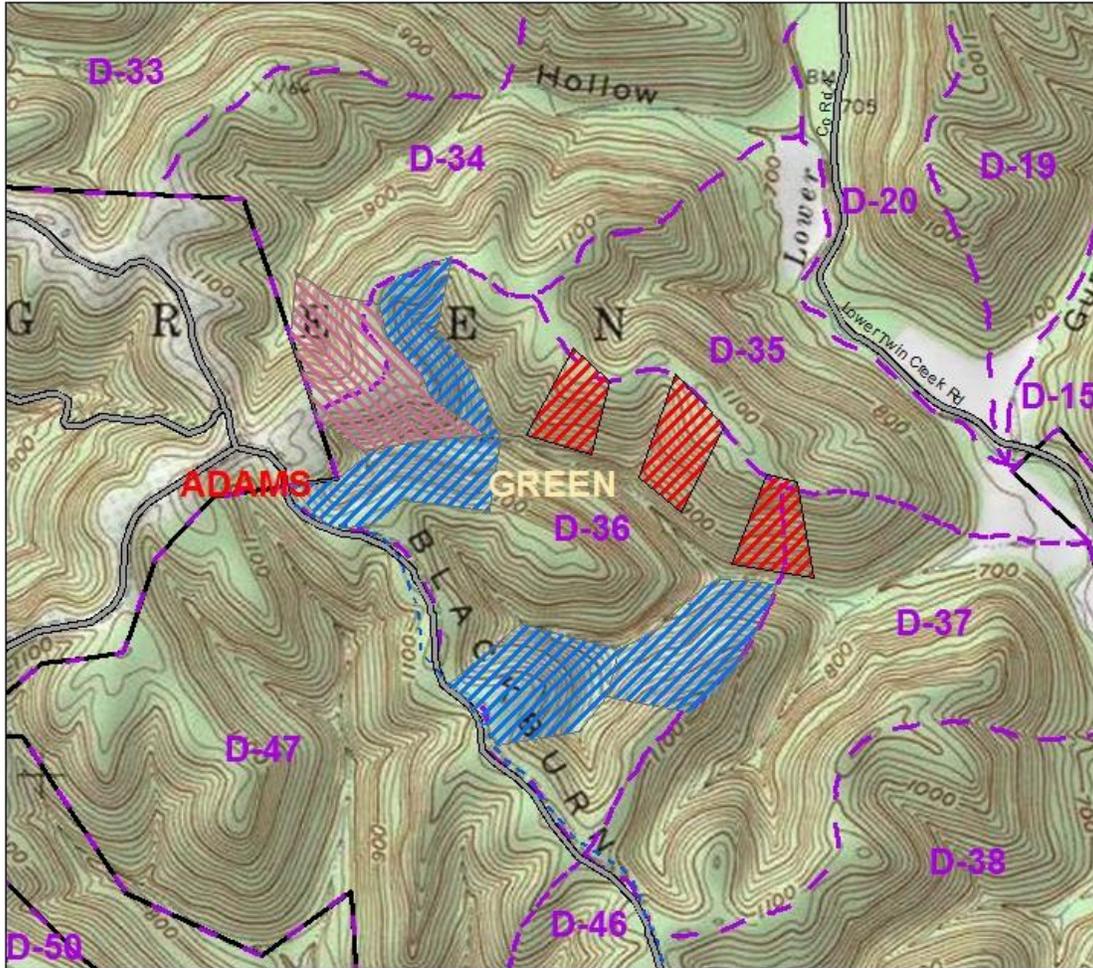


Legend			
Treatment			
	Thinning		Selection w/ Groups
	Shelterwood		Clearcut
	Crop Tree Release		Deferment
	Selection		Group Openings
			Back pack Trail
			Hiking Trail
			APV Trail
			Roads
			Compartment
			Township
			County
			Forest Boundary



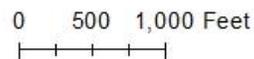
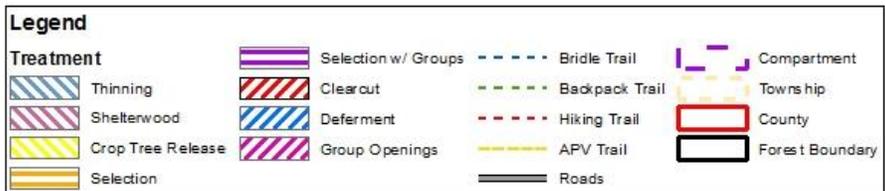
1 inch = 1,000 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Shawnee State Forest
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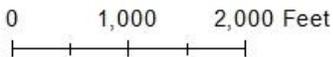
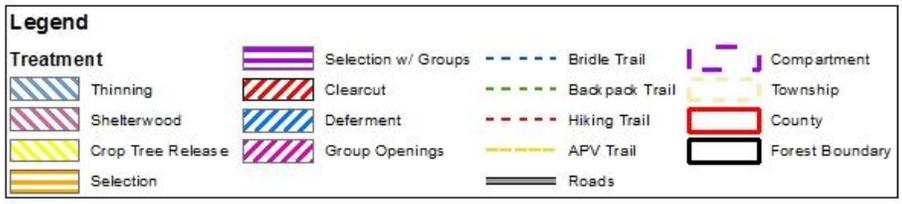
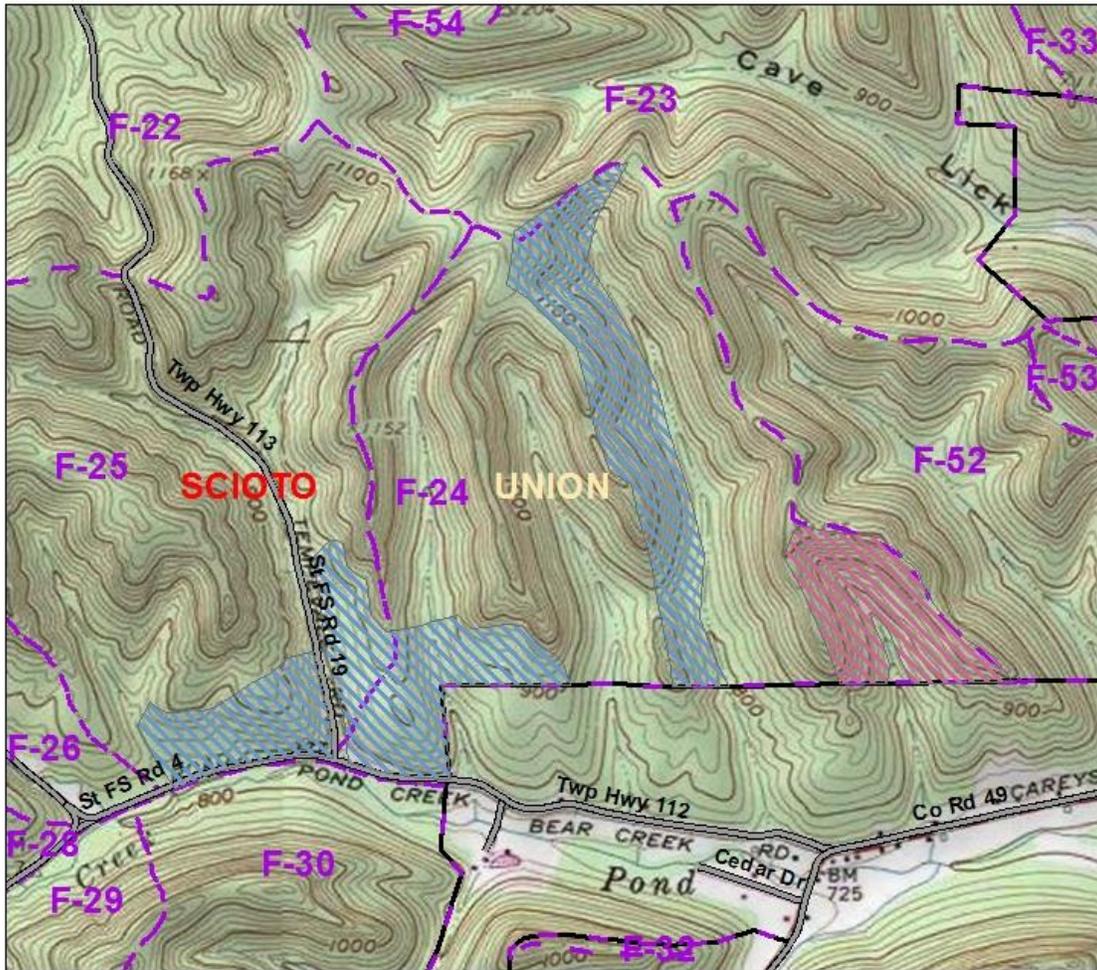
1 inch = 1,250 feet

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 Shawnee State Forest
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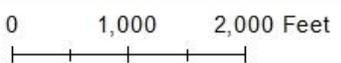
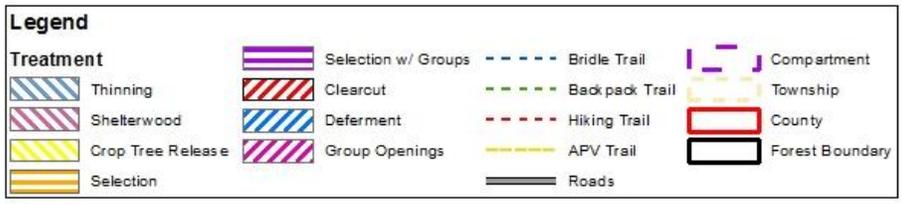
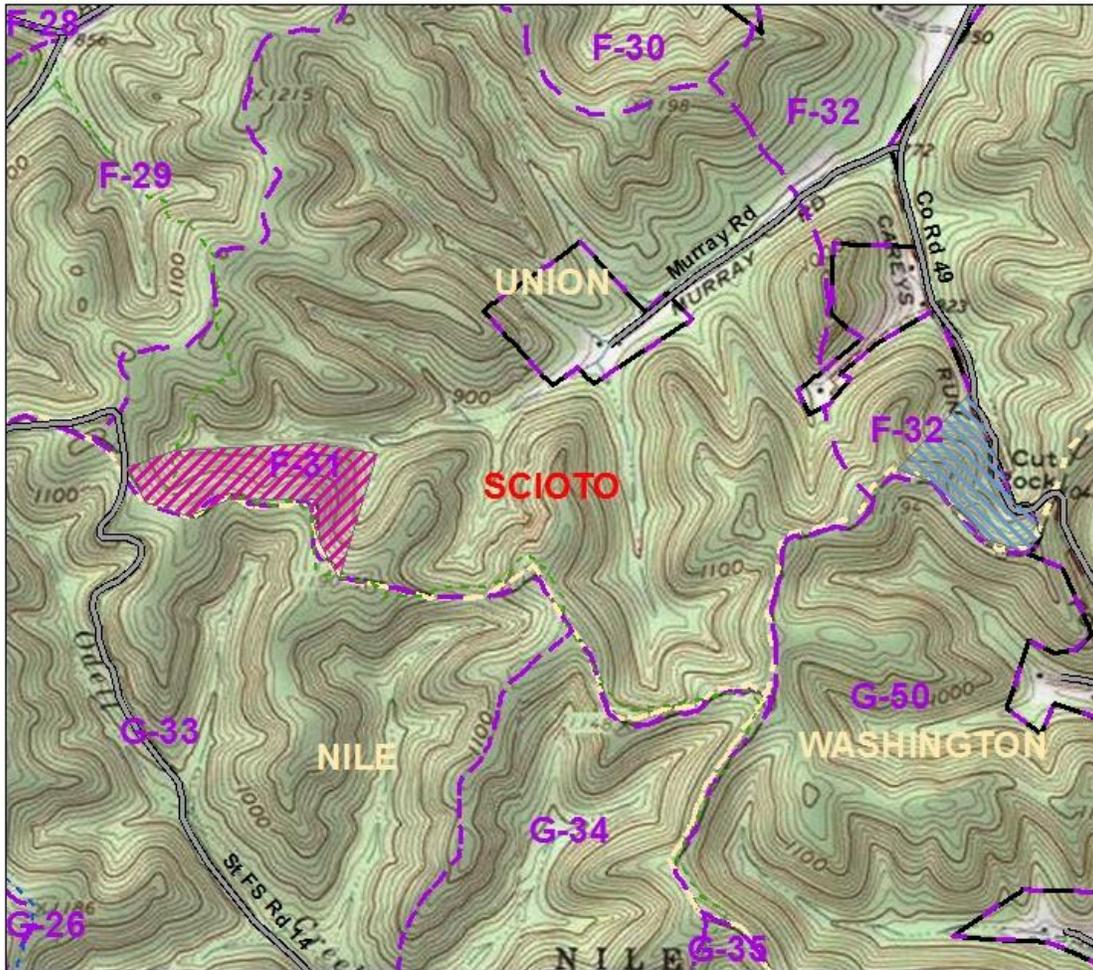
1 inch = 1,000 feet

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 Shawnee State Forest
 DRAFT



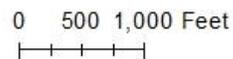
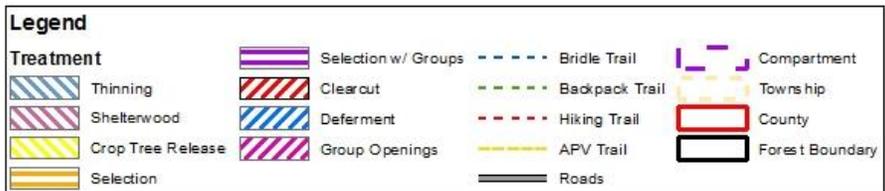
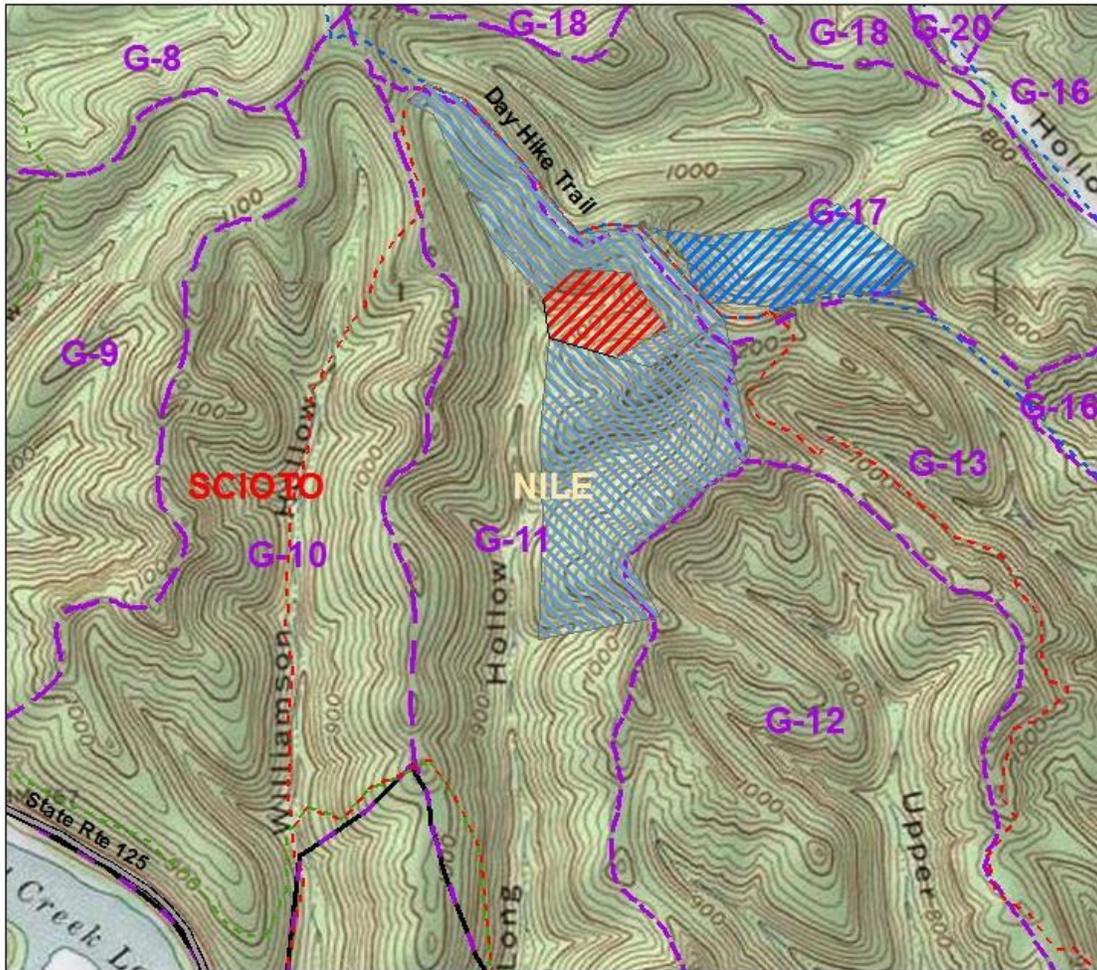
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 Fiscal Year 2017 Marking Plan
 Shawnee State Forest
 DRAFT



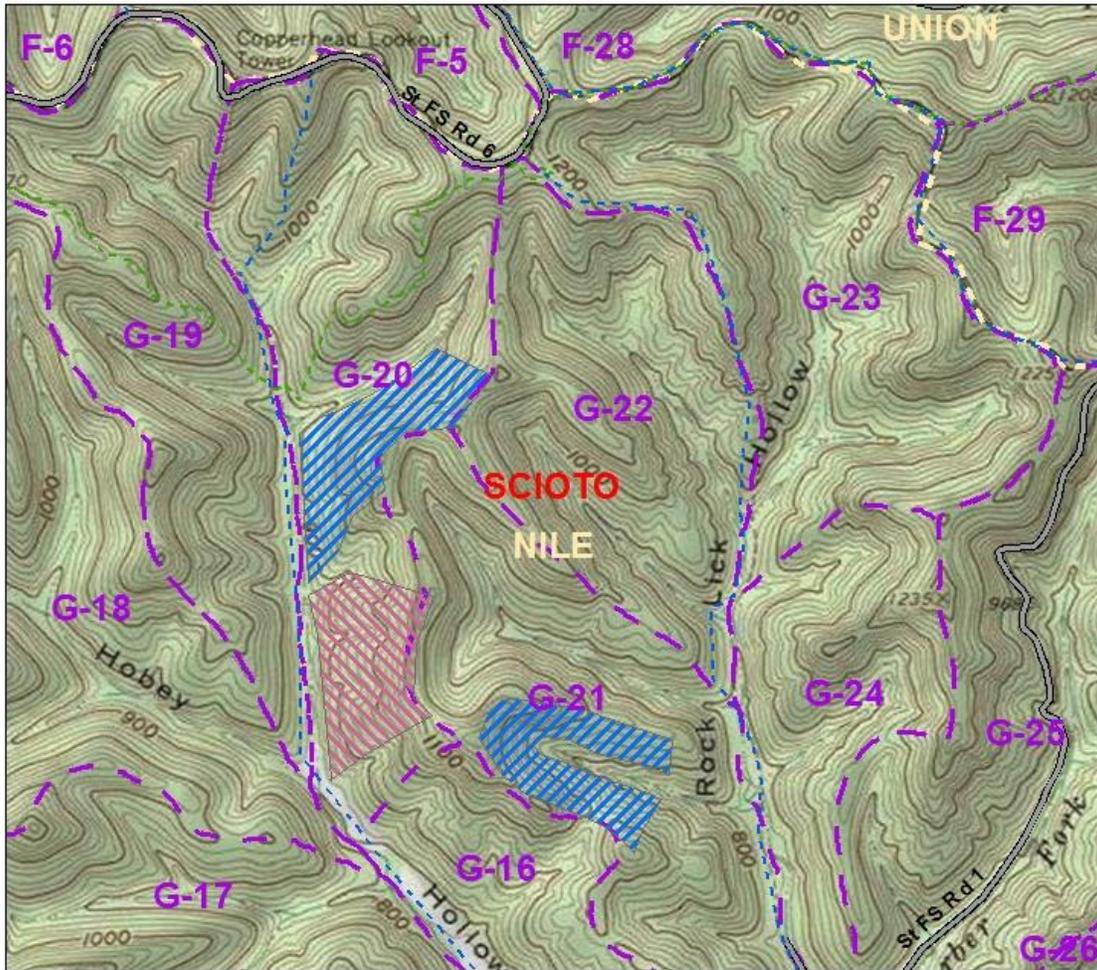
1 inch = 1,250 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Shawnee State Forest
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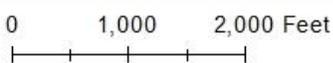


1 inch = 1,167 feet

ODNR - Division of Forestry Fiscal Year 2017 Marking Plan Shawnee State Forest DRAFT

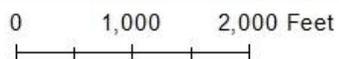
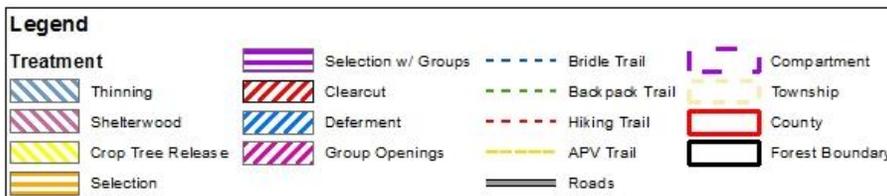
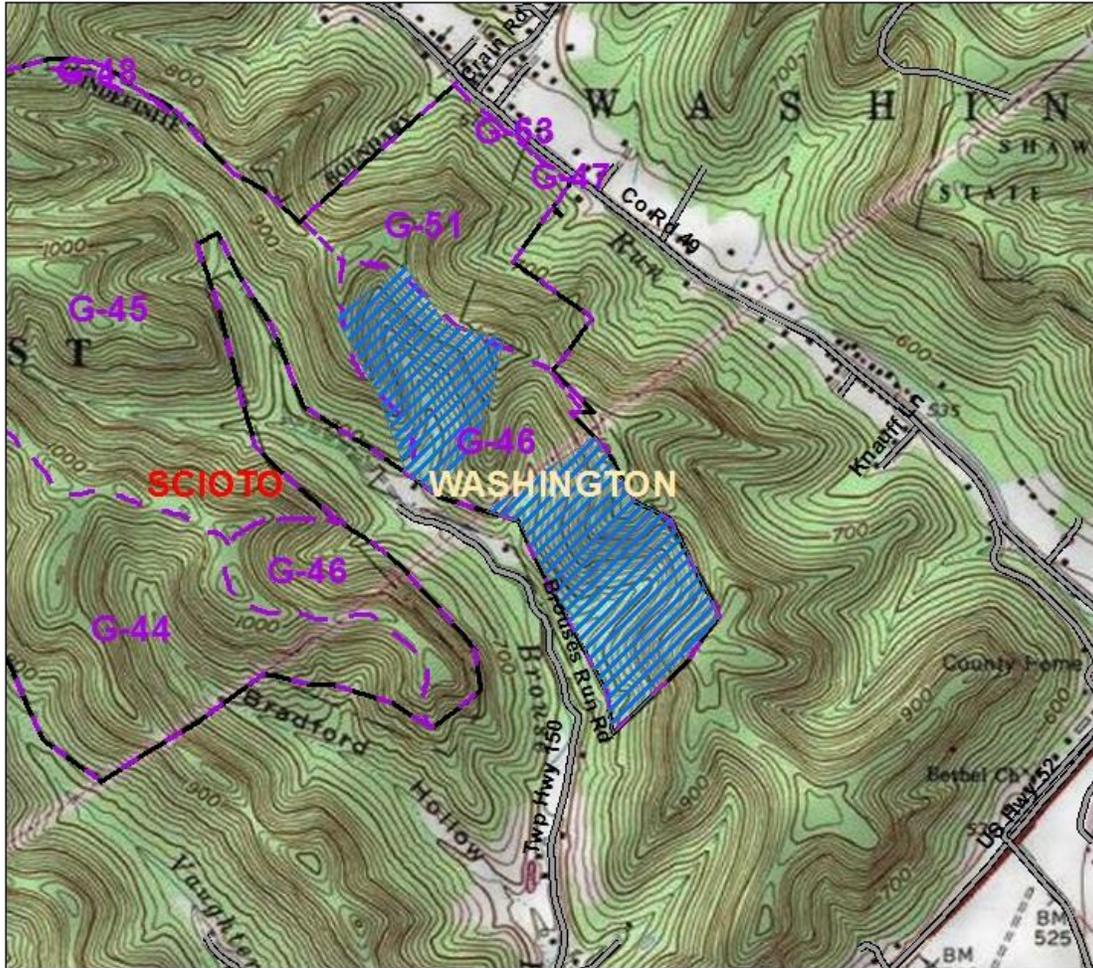


Legend			
Treatment			
	Thinning		Selection w/ Groups
	Clearcut		Bridle Trail
	Shelterwood		Back pack Trail
	Deferment		Hiking Trail
	Crop Tree Release		APV Trail
	Selection		Roads
	Group Openings		Compartment
			Township
			County
			Forest Boundary



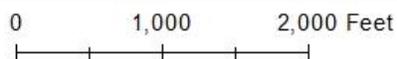
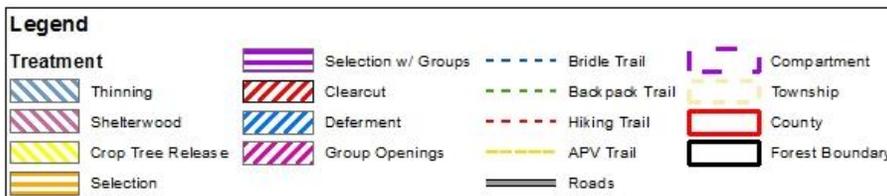
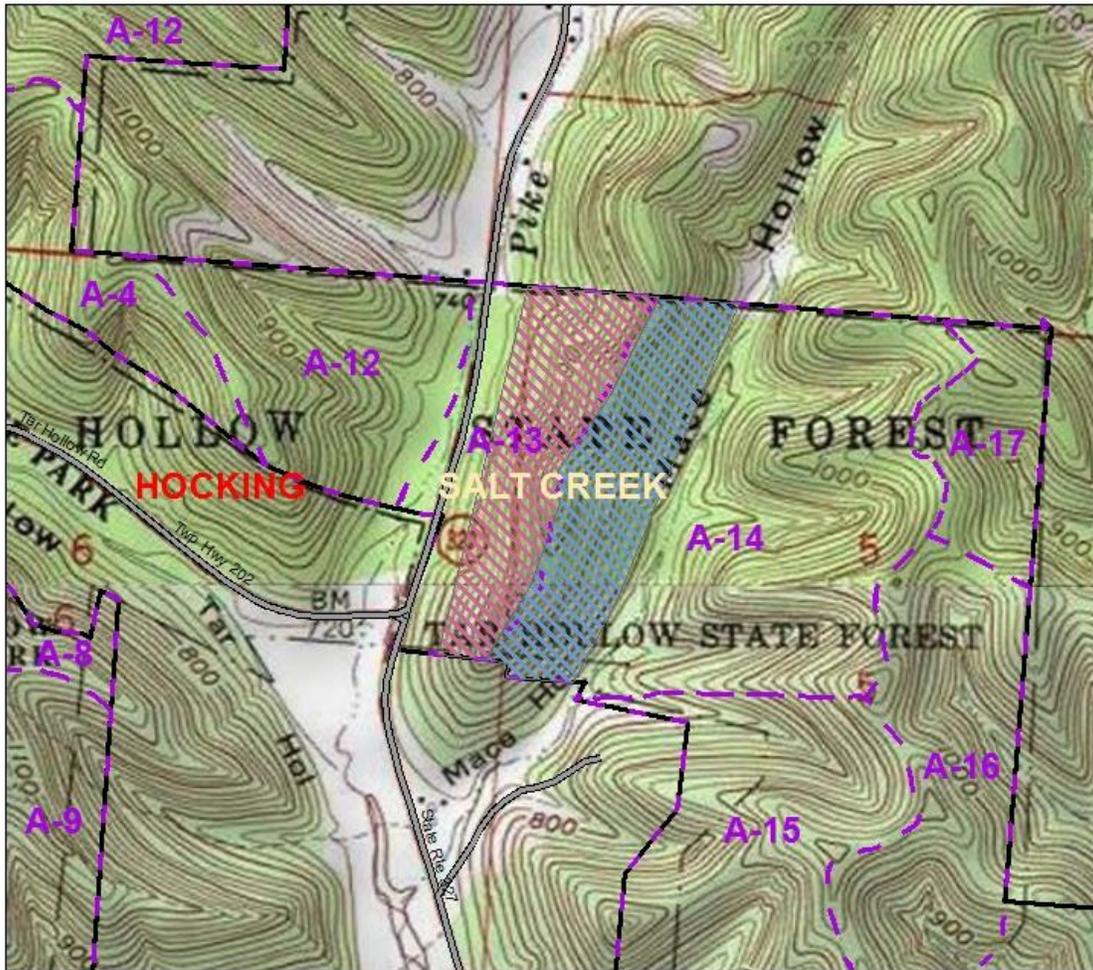
1 inch = 1,250 feet

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 Fiscal Year 2017 Marking Plan
 Shawnee State Forest
 DRAFT



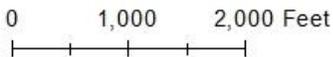
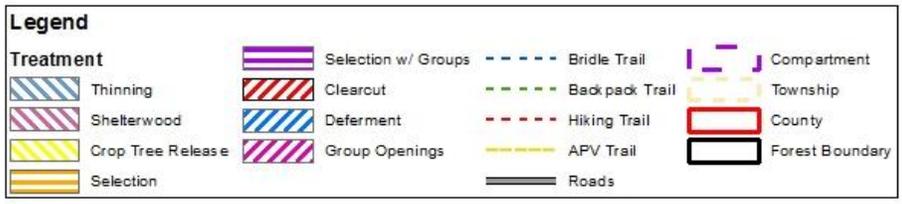
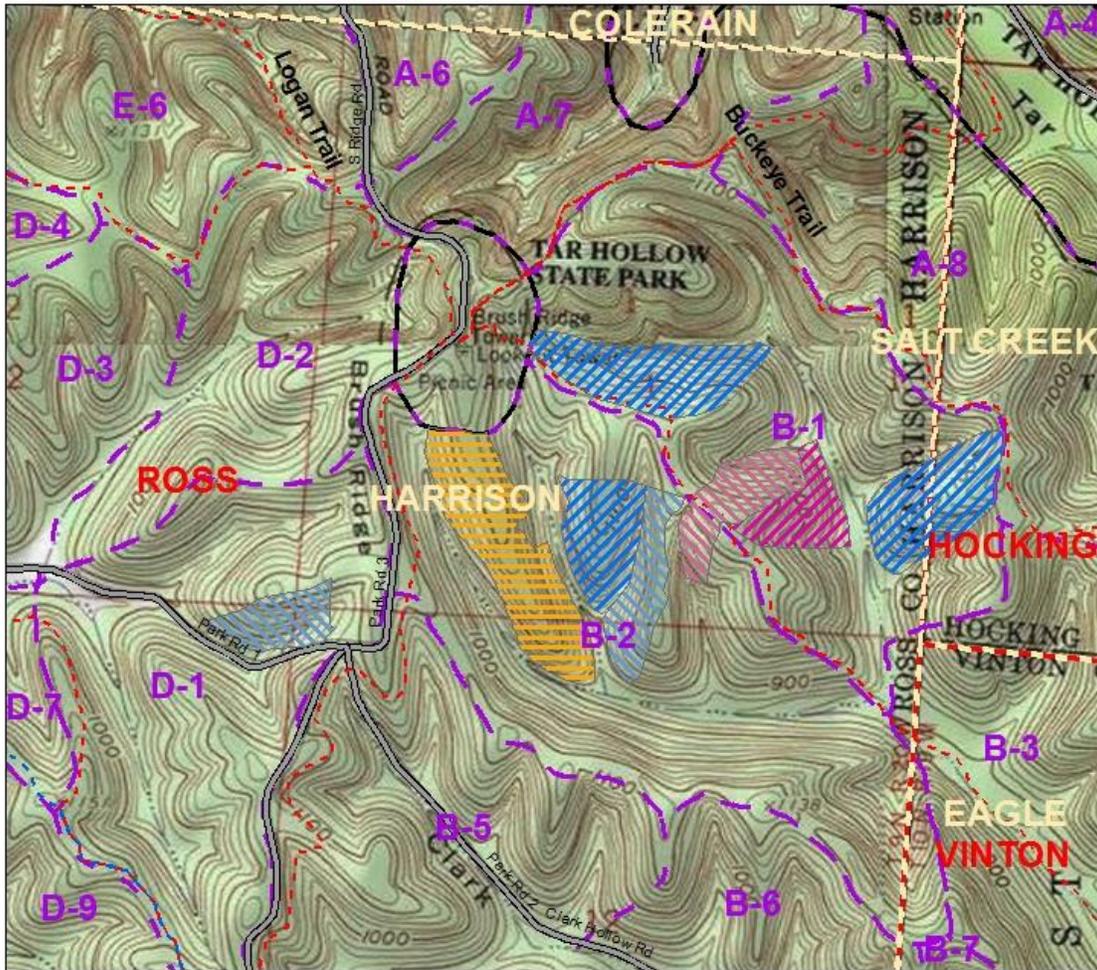
1 inch = 1,250 feet

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 Fiscal Year 2017 Marking Plan
 Tar Hollow State Forest
 DRAFT



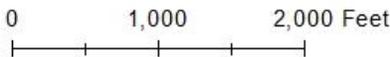
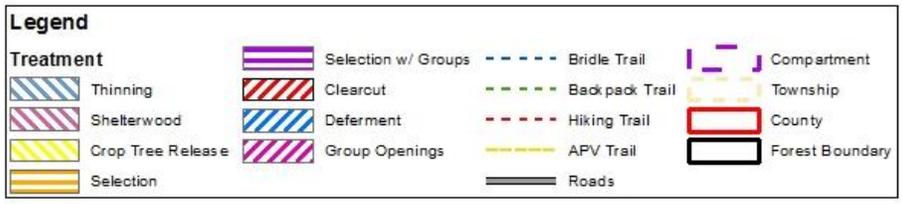
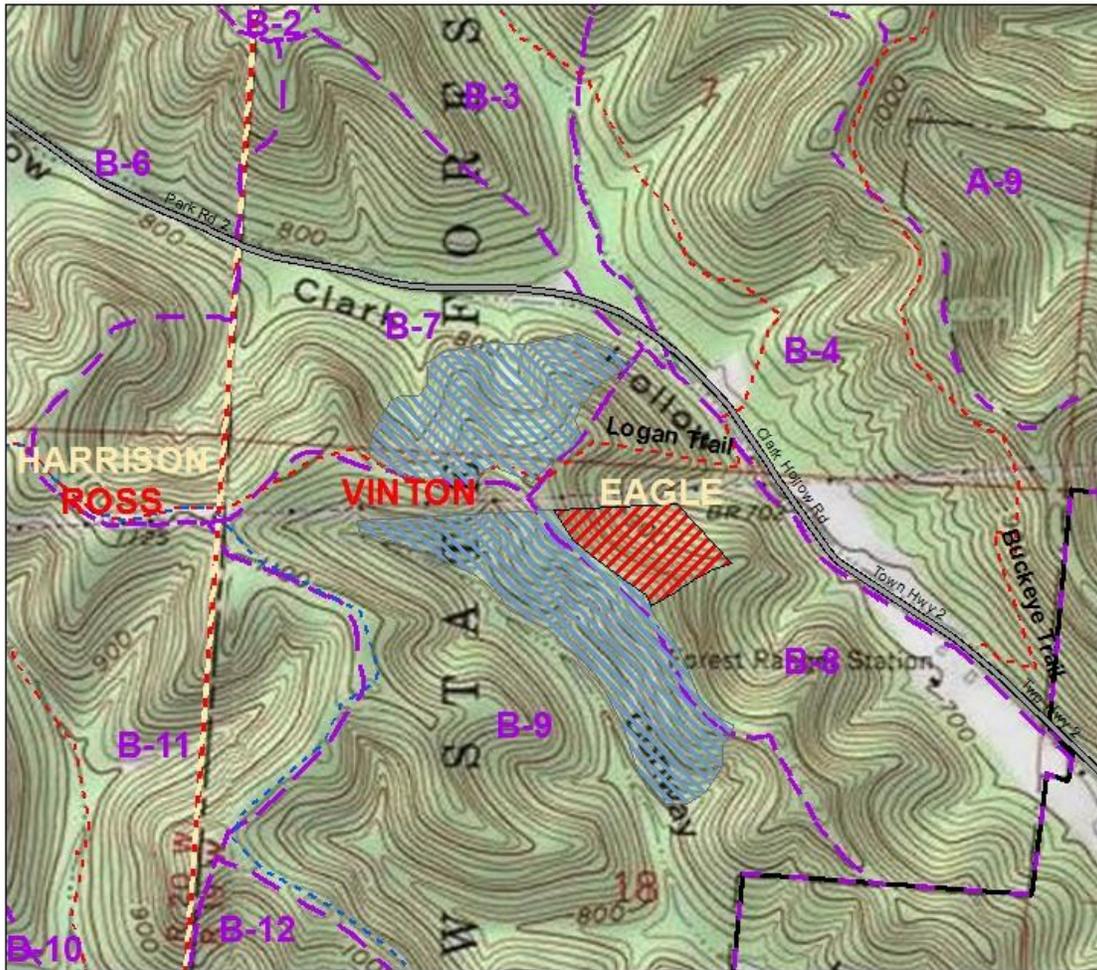
1 inch = 1,000 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Tar Hollow State Forest
 DRAFT



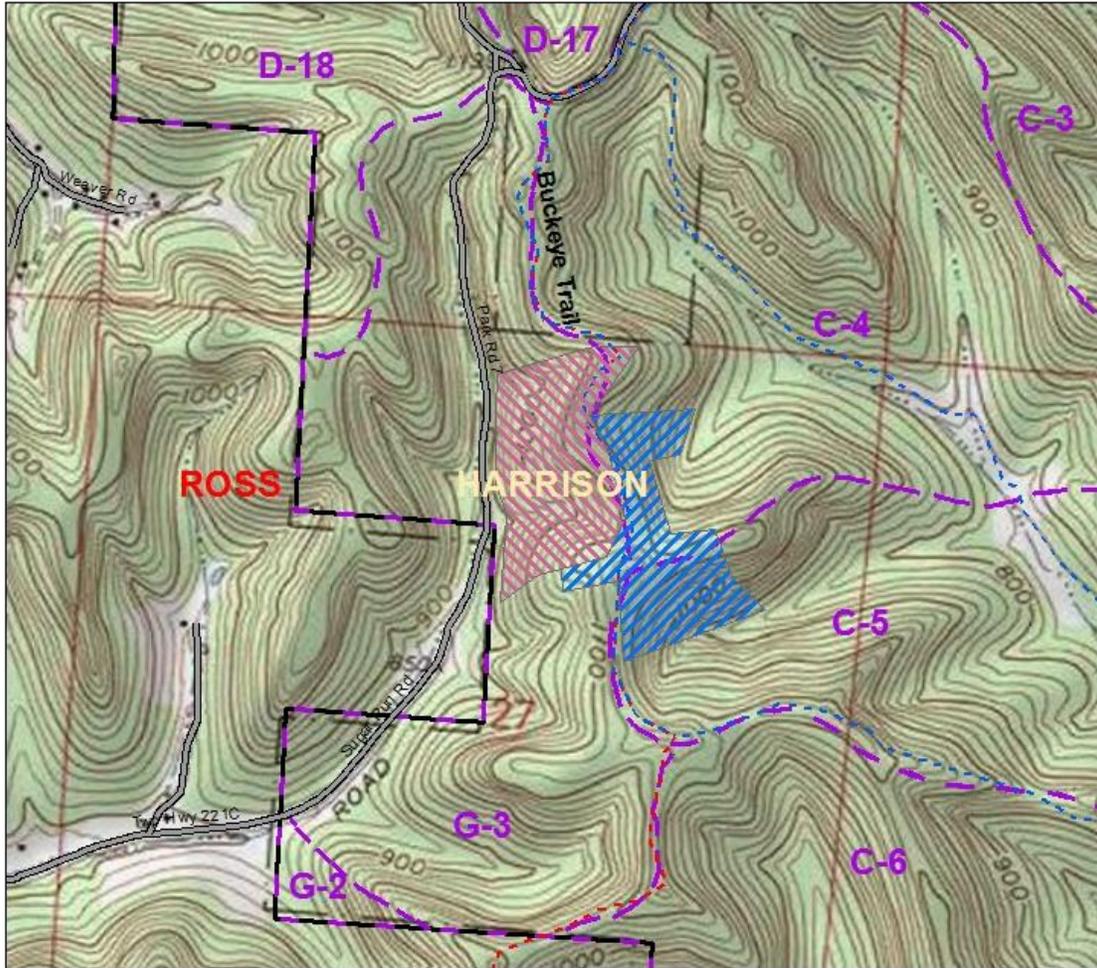
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ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Tar Hollow State Forest
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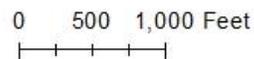


1 inch = 1,000 feet

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 Fiscal Year 2017 Marking Plan
 Tar Hollow State Forest
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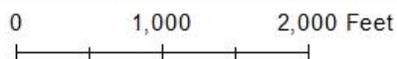
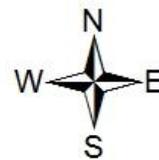
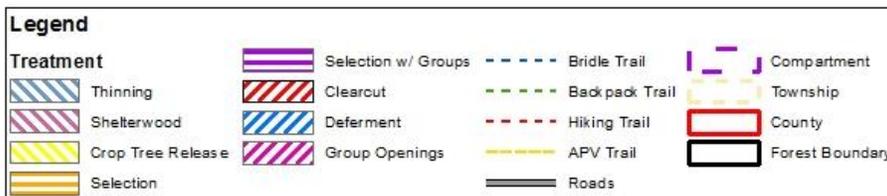
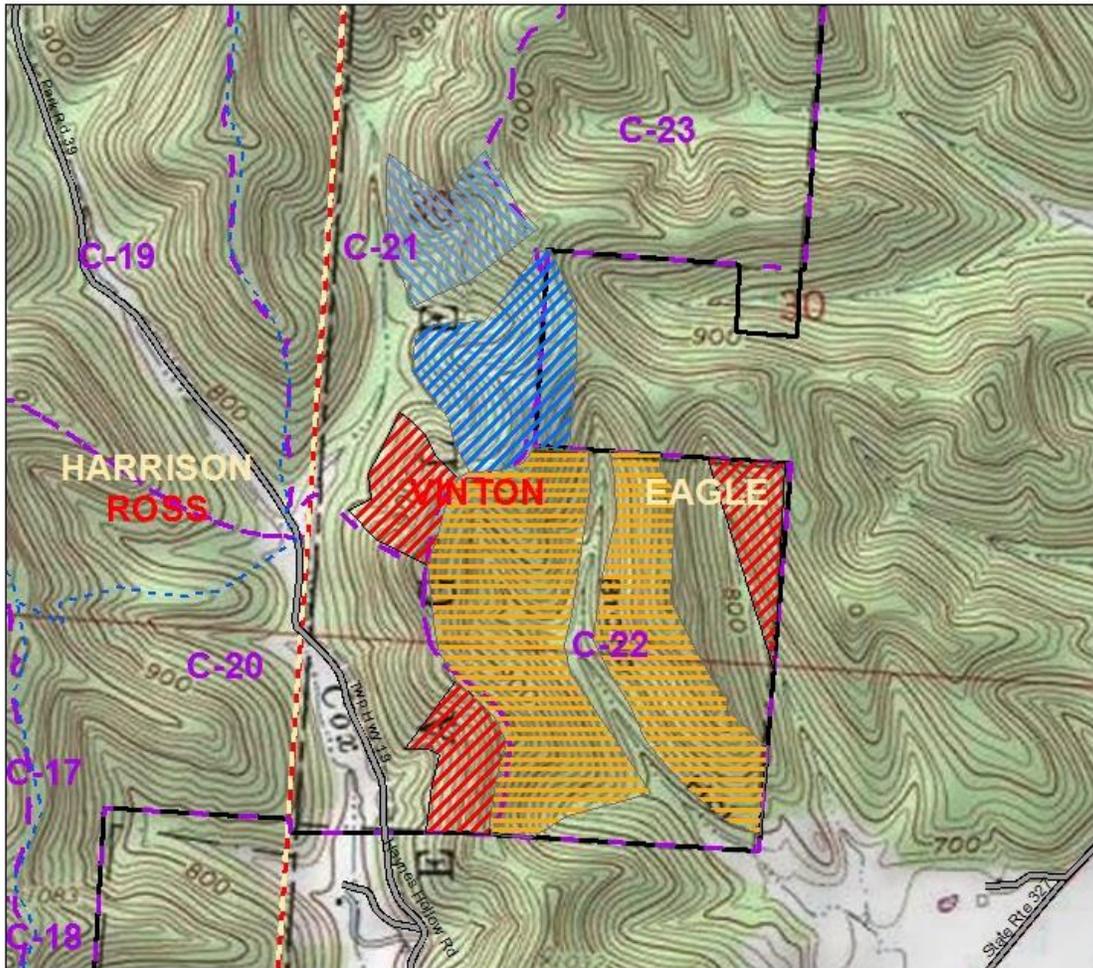


Legend			
Treatment			
Thinning	Selection w/ Groups	Bridle Trail	Compartment
Shelterwood	Clearcut	Backpack Trail	Township
Crop Tree Release	Deferment	Hiking Trail	County
Selection	Group Openings	APV Trail	Forest Boundary
		Roads	



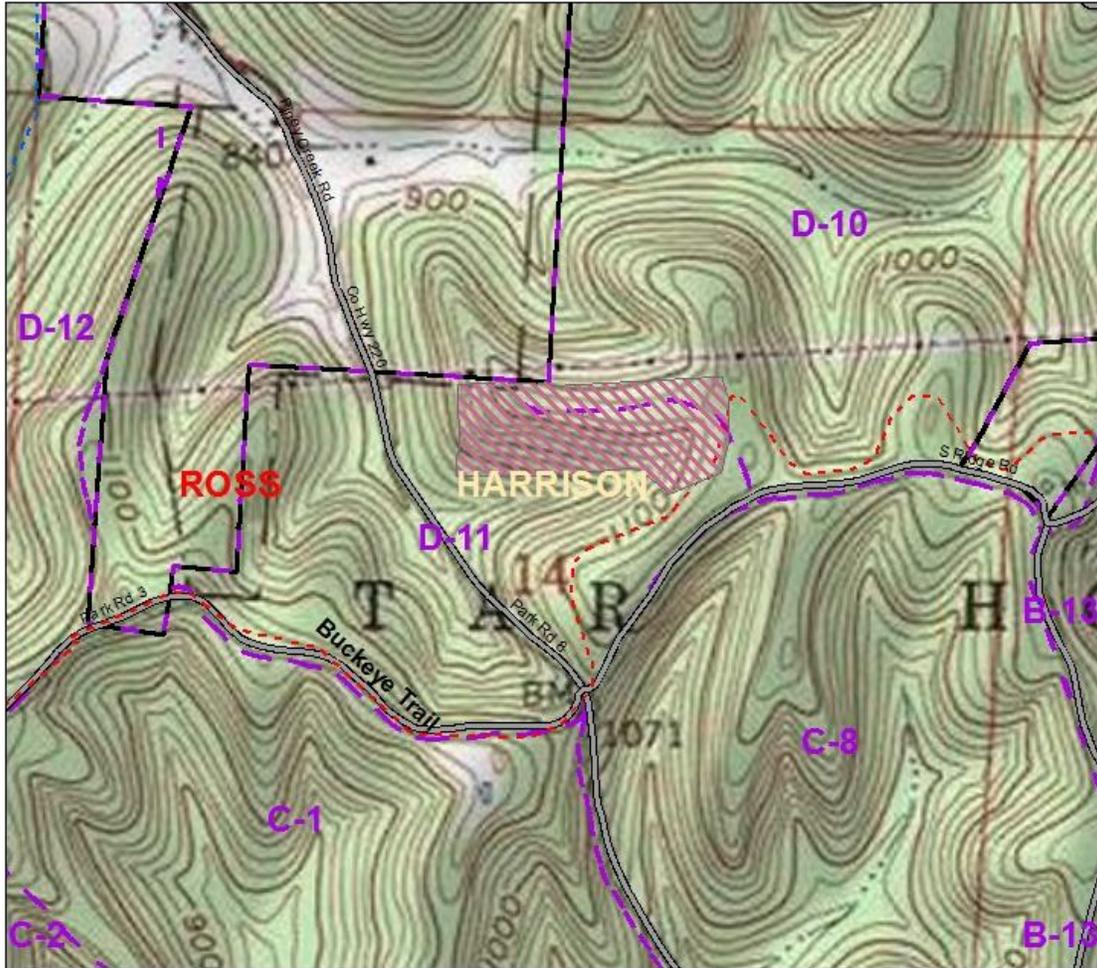
1 inch = 1,000 feet

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 Fiscal Year 2017 Marking Plan
 Tar Hollow State Forest
 DRAFT



1 inch = 1,000 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Tar Hollow State Forest
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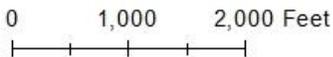
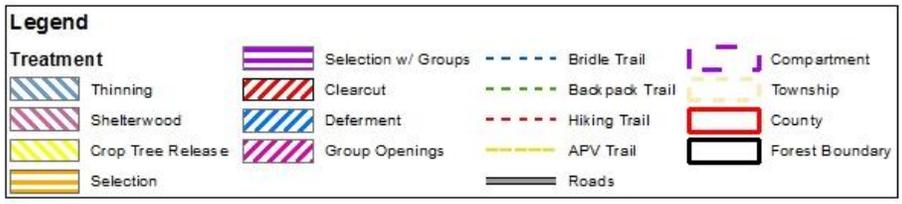
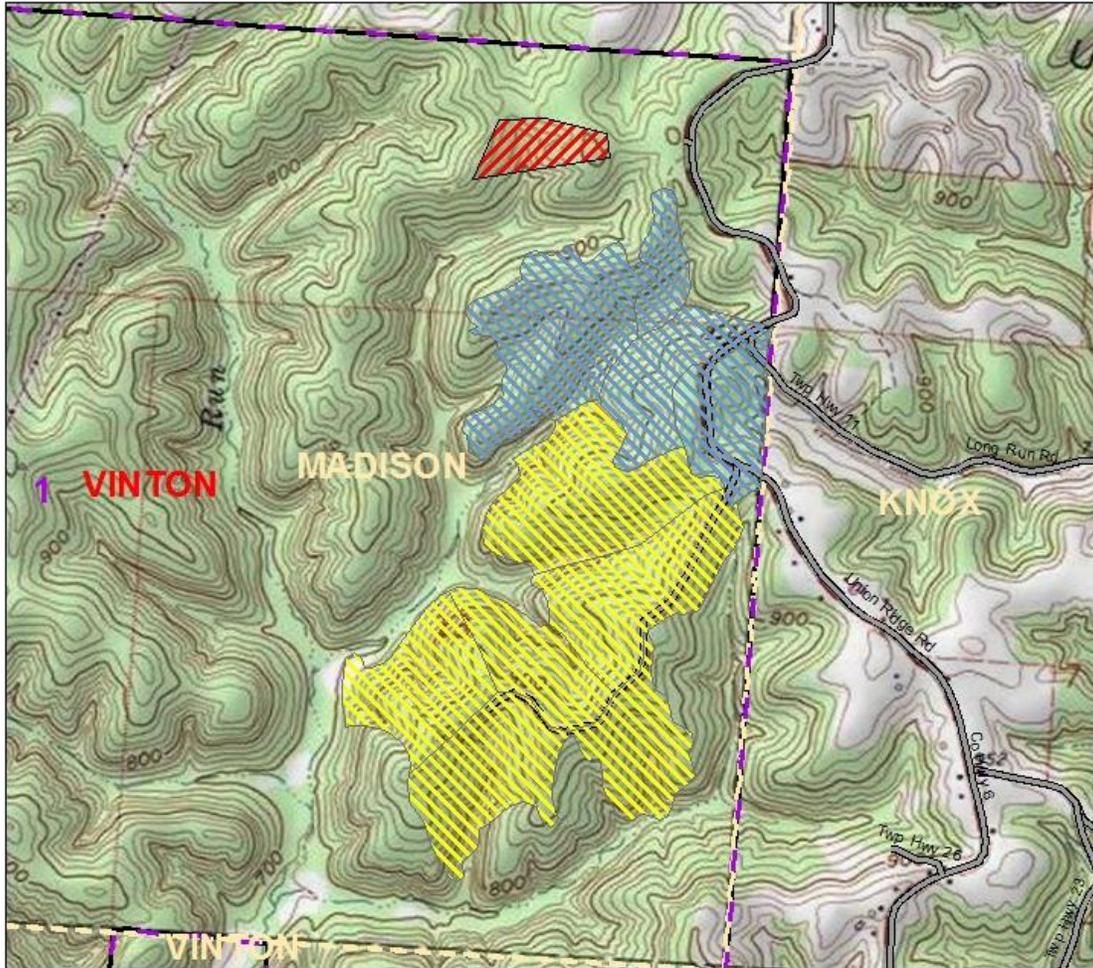
Legend			
Treatment			
	Thinning		Selection w/ Groups
	Clearcut		Deferment
	Shelterwood		Group Openings
	Crop Tree Release		Back pack Trail
	Selection		Hiking Trail
			APV Trail
			Roads
			Bridle Trail
			Compartment
			Township
			County
			Forest Boundary



0 ——— 1,000 Feet

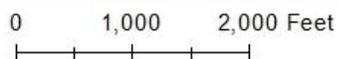
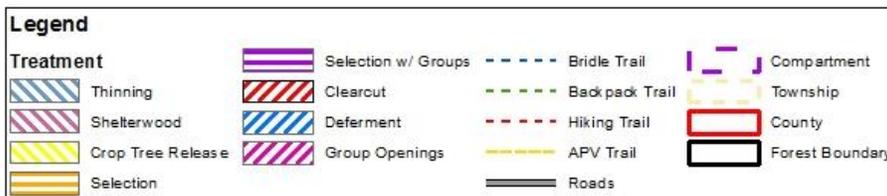
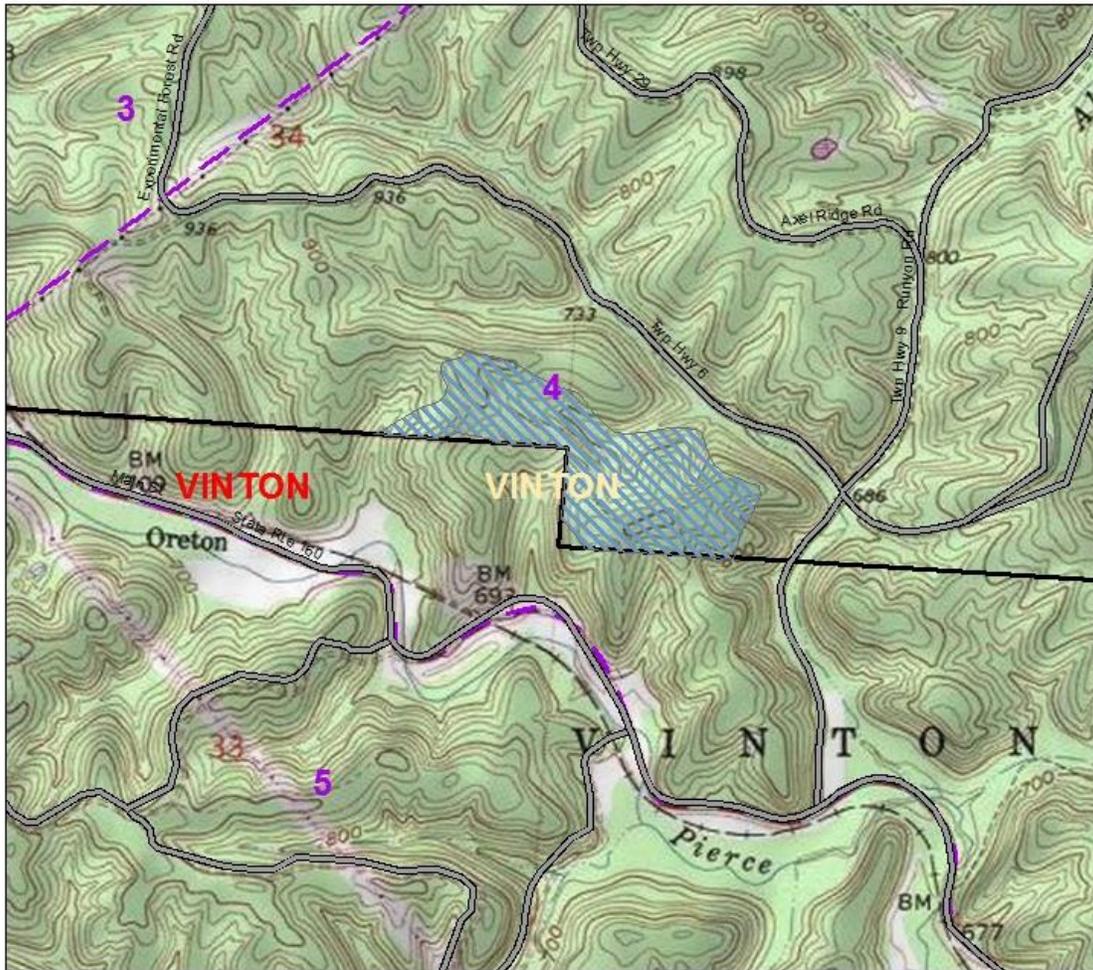
1 inch = 750 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Vinton Furnace State Forest
 DRAFT



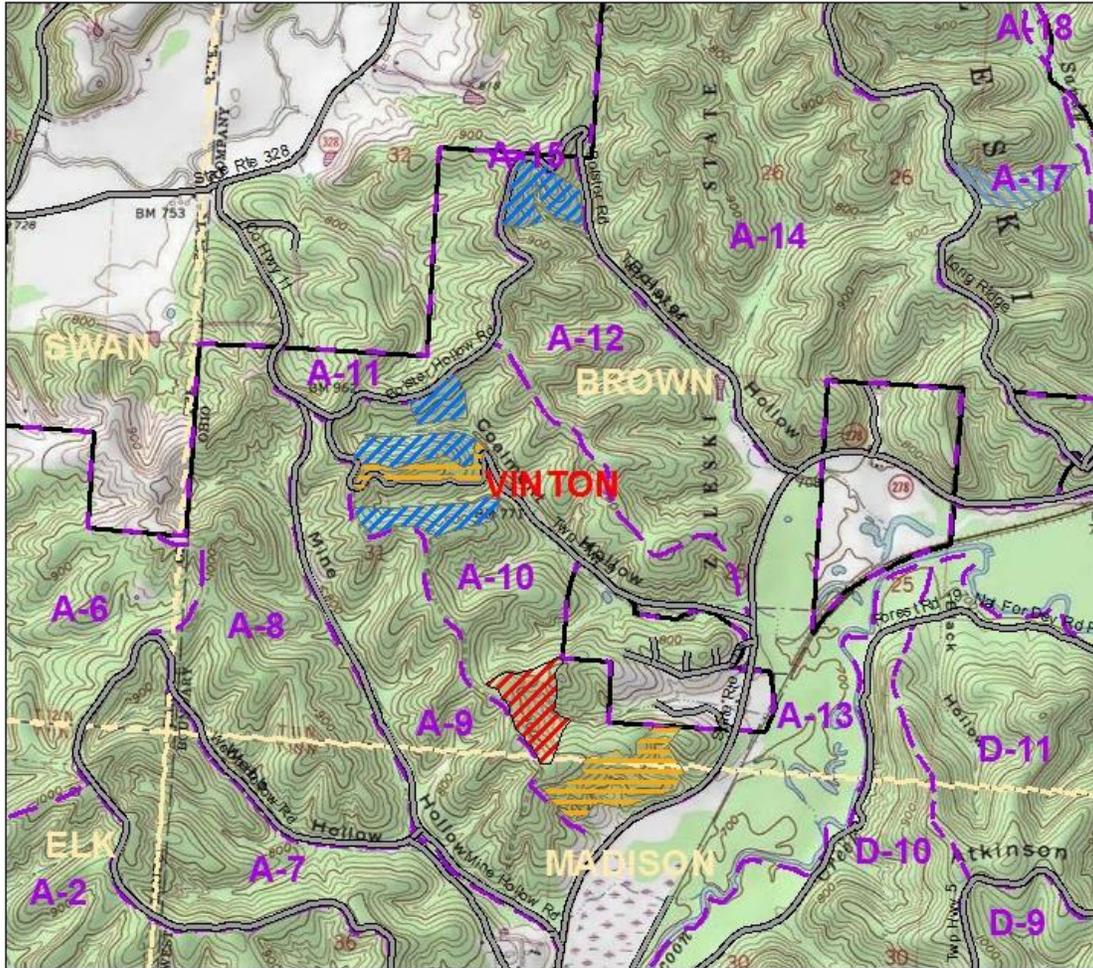
1 inch = 1,250 feet

ODNR - Division of Forestry Fiscal Year 2017 Marking Plan Vinton Furnace State Forest DRAFT



1 inch = 1,250 feet

ODNR - Division of Forestry Fiscal Year 2017 Marking Plan Zaleski State Forest DRAFT



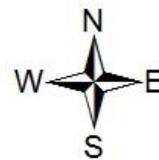
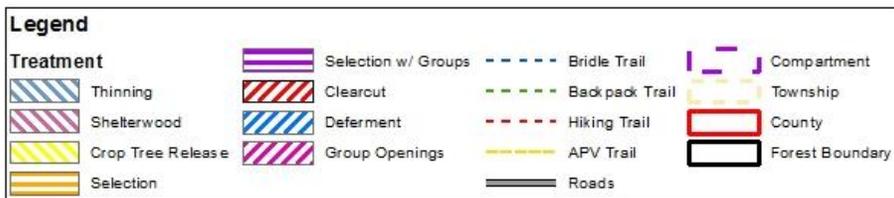
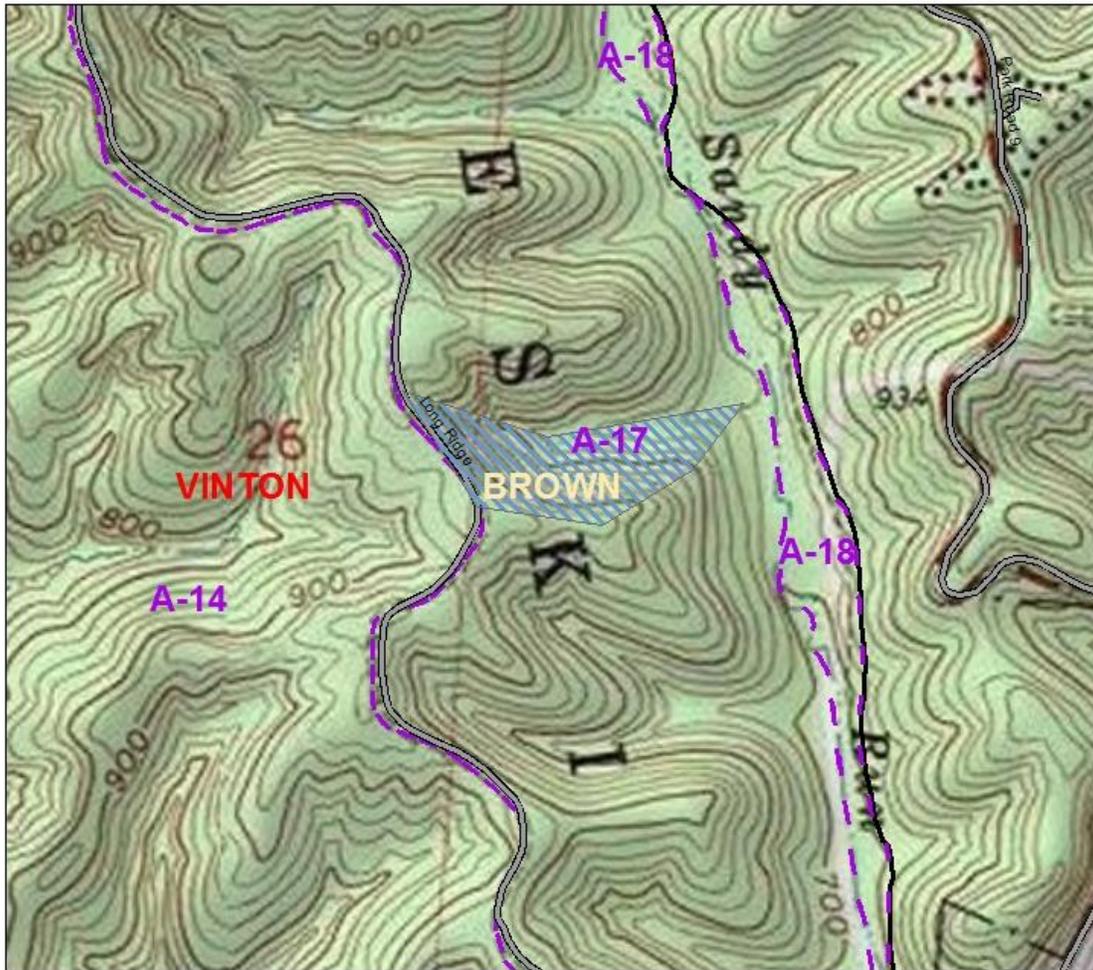
Legend			
Treatment	Selection w/ Groups	Bridle Trail	Compartment
Thinning	Clearcut	Backpack Trail	Township
Shelterwood	Deferment	Hiking Trail	County
Crop Tree Release	Group Openings	APV Trail	Forest Boundary
Selection	Roads		



0 500,000 2,000 Feet
|-----|

1 inch = 2,000 feet

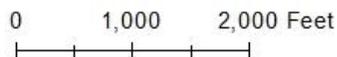
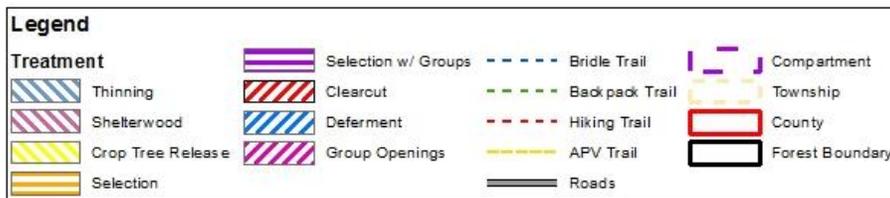
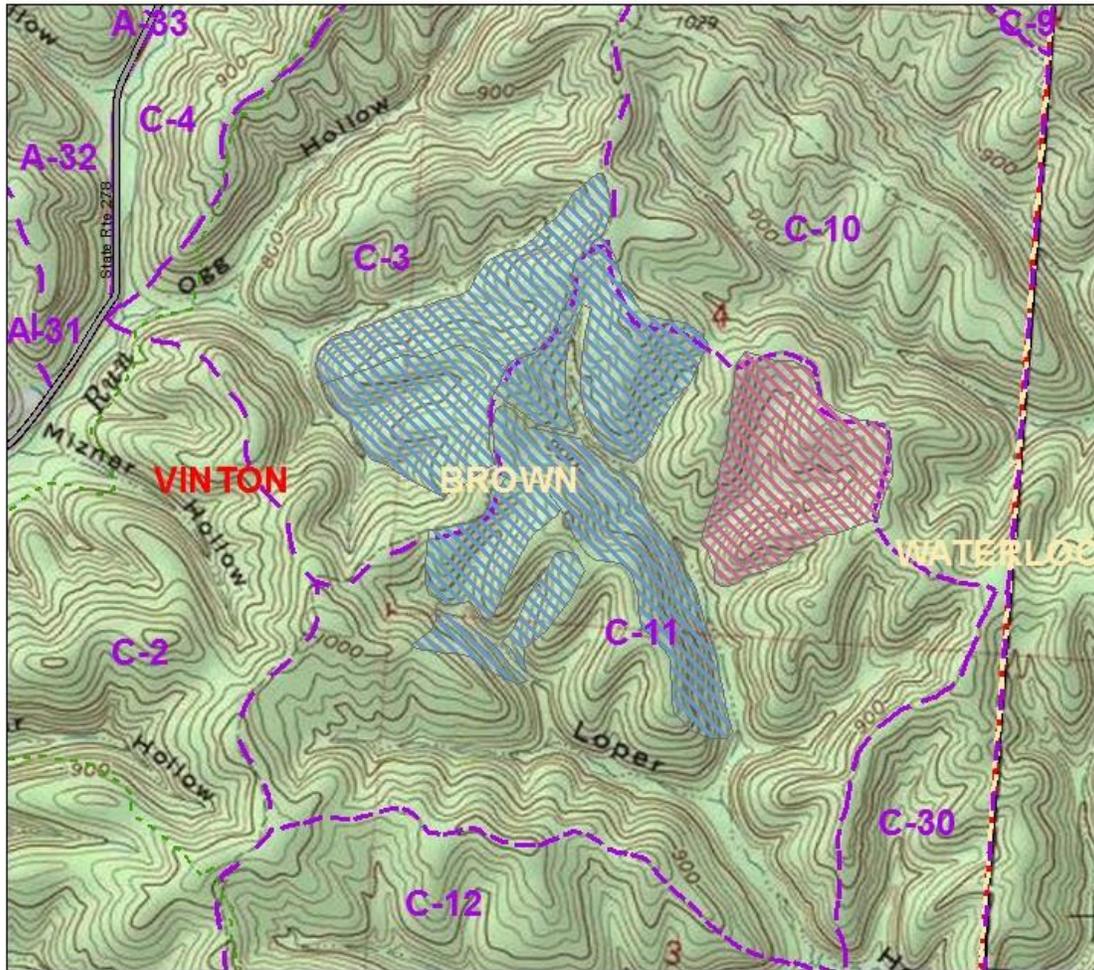
ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Zaleski State Forest
 DRAFT



0 ——— 1,000 Feet

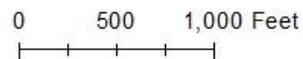
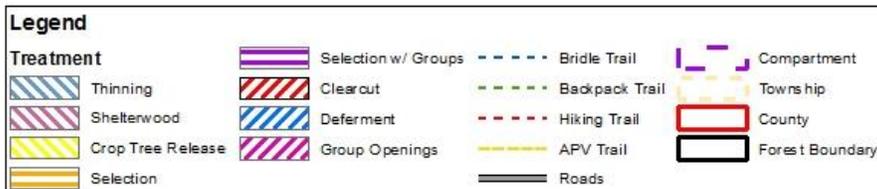
1 inch = 750 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Zaleski State Forest
 DRAFT



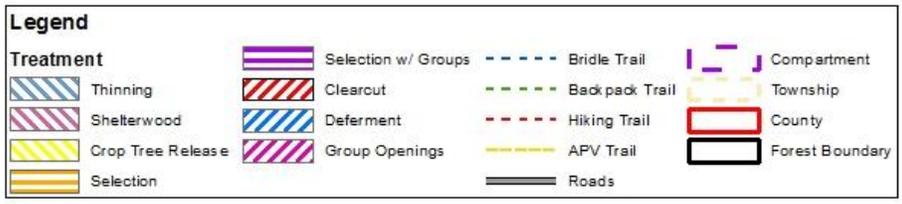
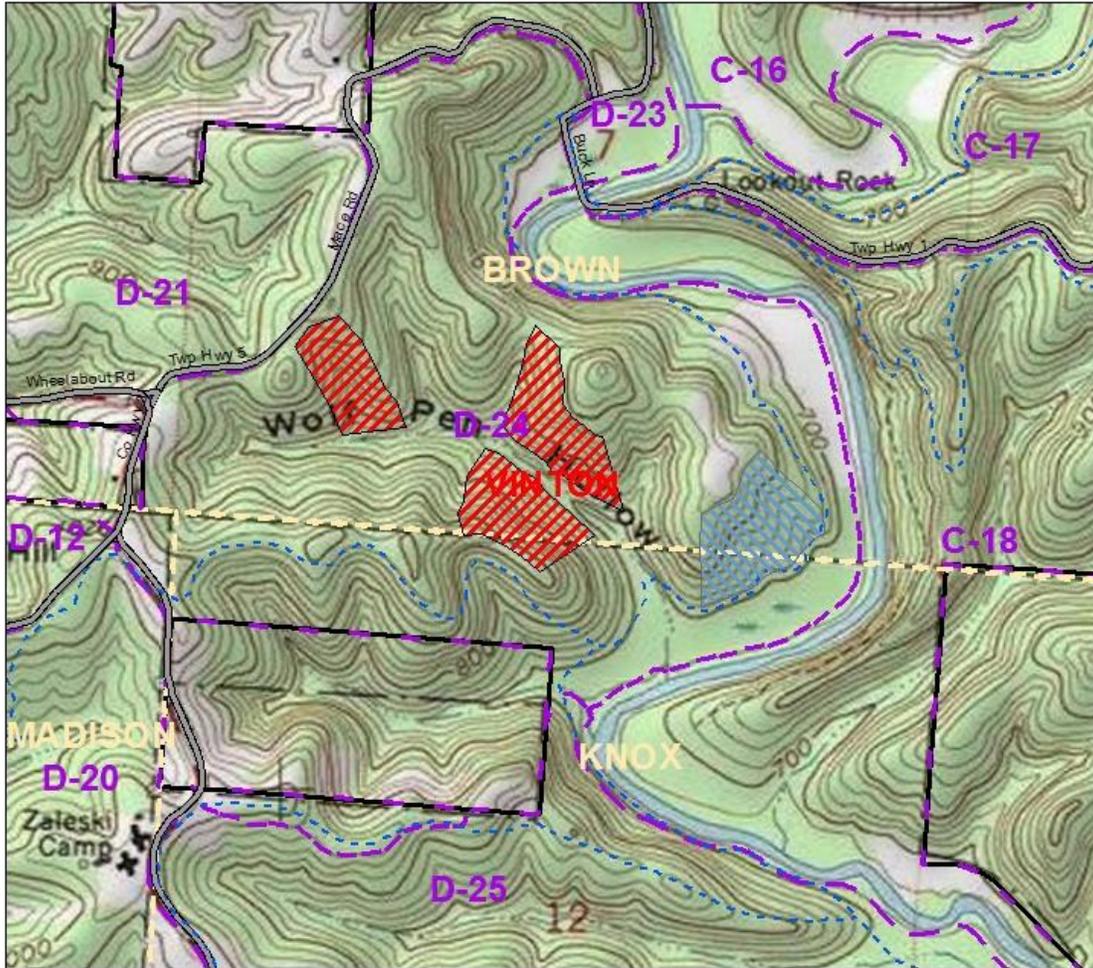
1 inch = 1,250 feet

ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Zaleski State Forest
 DRAFT

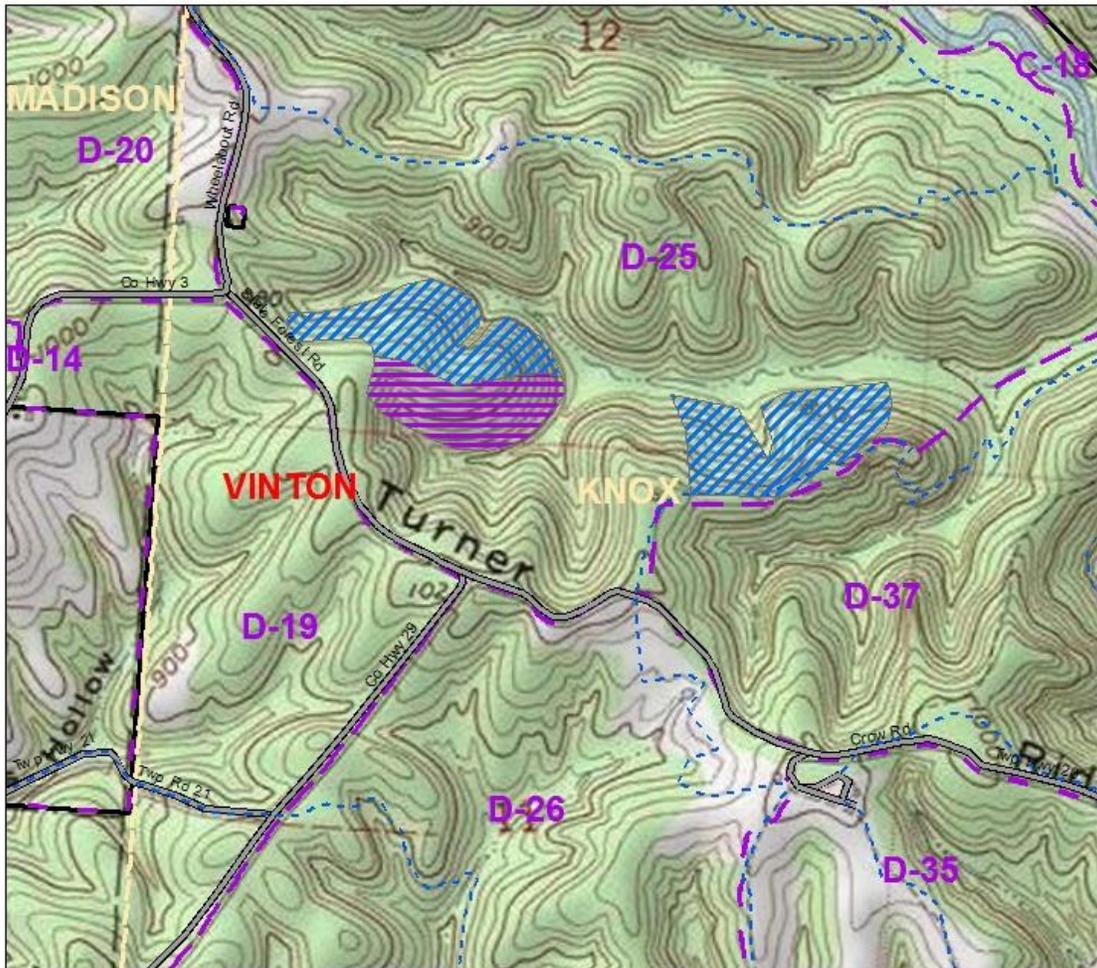


1 inch = 750 feet

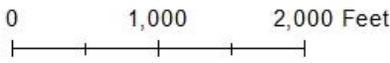
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 Fiscal Year 2017 Marking Plan
 Zaleski State Forest
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ODNR - Division of Forestry
 Fiscal Year 2017 Marking Plan
 Zaleski State Forest
 DRAFT



Legend			
Treatment	Selection w/ Groups	Bridle Trail	Compartment
Thinning	Clearcut	Backpack Trail	Township
Shelterwood	Deferment	Hiking Trail	County
Crop Tree Release	Group Openings	APV Trail	Forest Boundary
Selection		Roads	

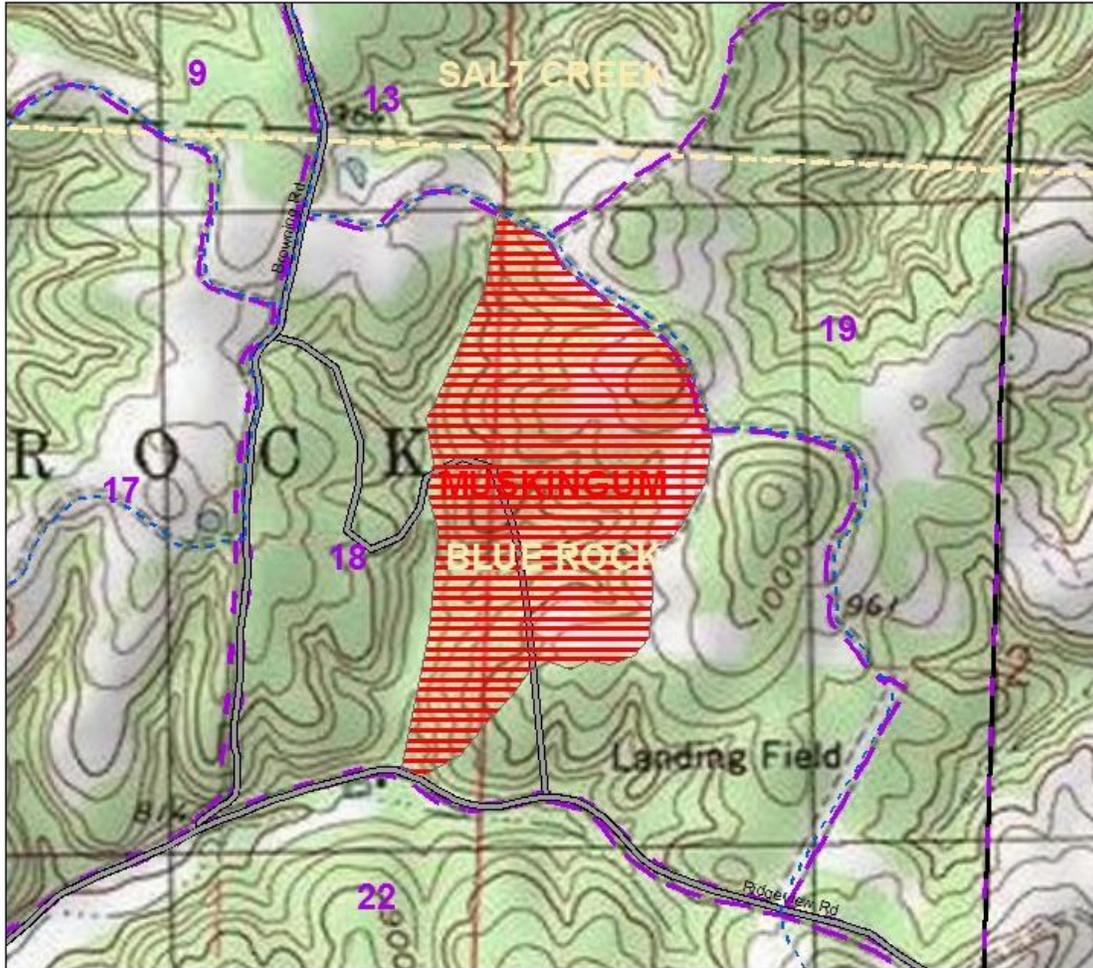


1 inch = 1,000 feet

Appendix C – 2016-2017 Planning Period, Proposed Prescribed Fire Maps

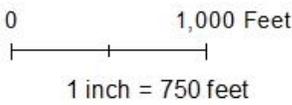


ODNR - Division of Forestry
 Fiscal Year 2017 Rx Fire Plan
 Blue Rock State Forest
 DRAFT



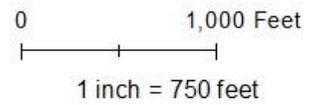
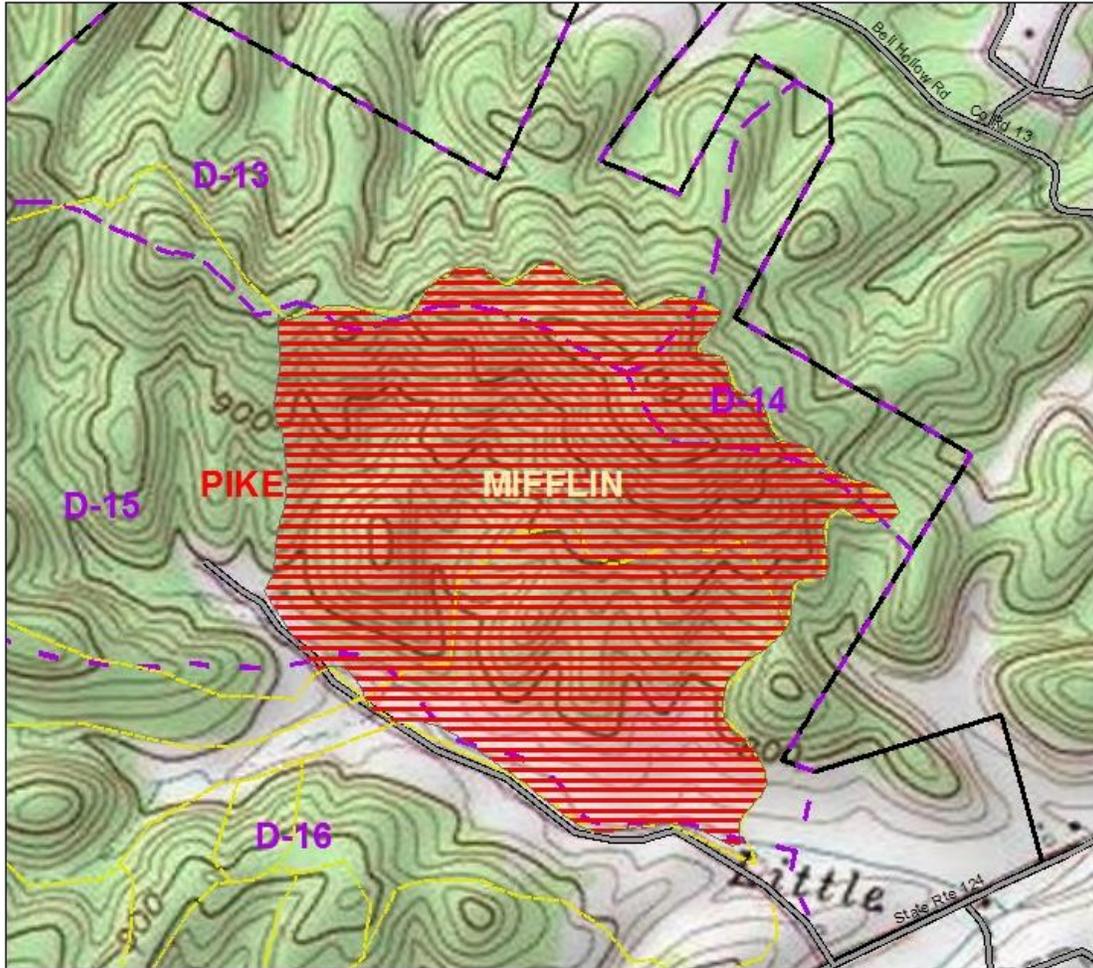
Legend

 Burn Unit	 Bridle Trail	 Compartment
 Backpack Trail	 Hiking Trail	 County
 APV Trail	 Roads	 Forest Boundary
		 Township



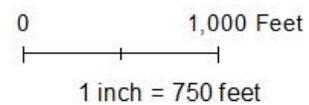
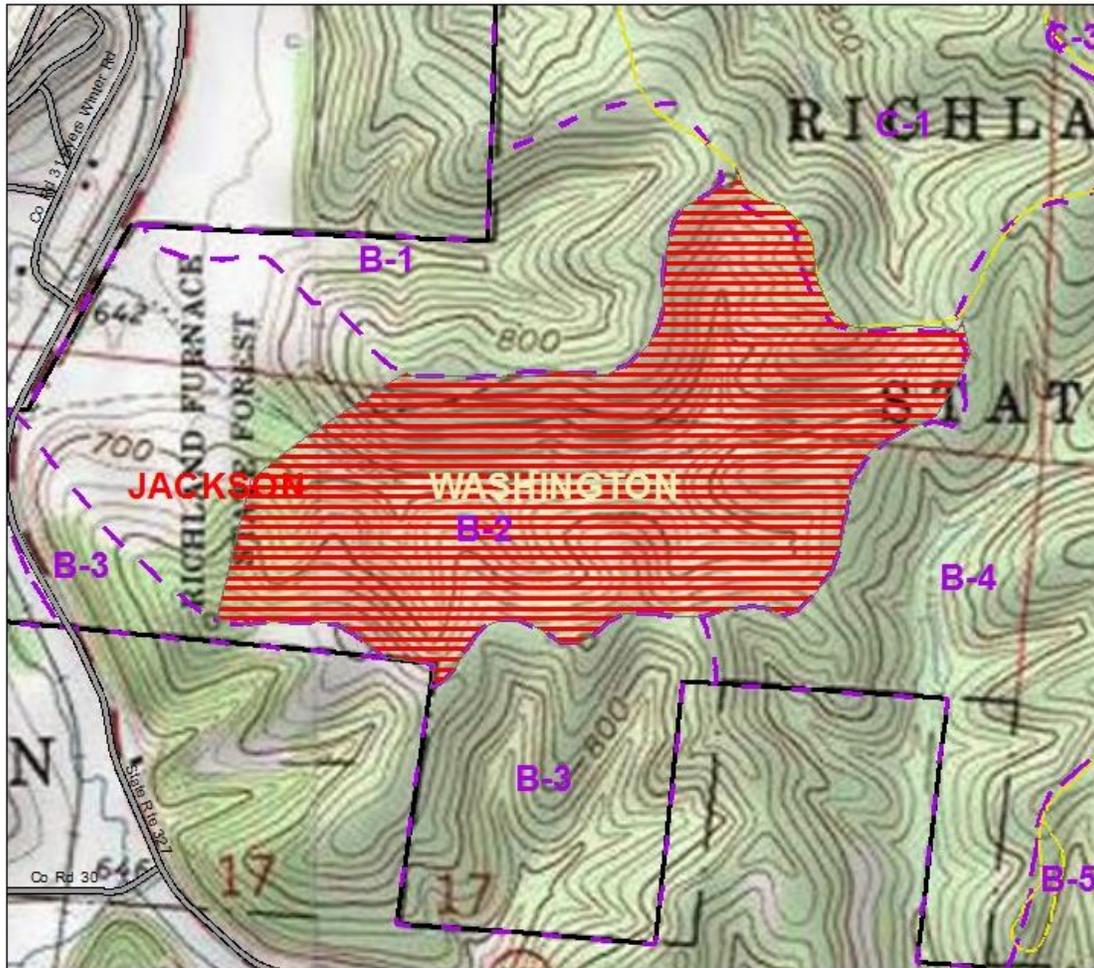


ODNR - Division of Forestry
 Fiscal Year 2017 Rx Fire Plan
 Pike State Forest
 DRAFT



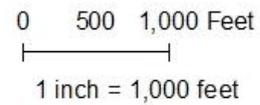
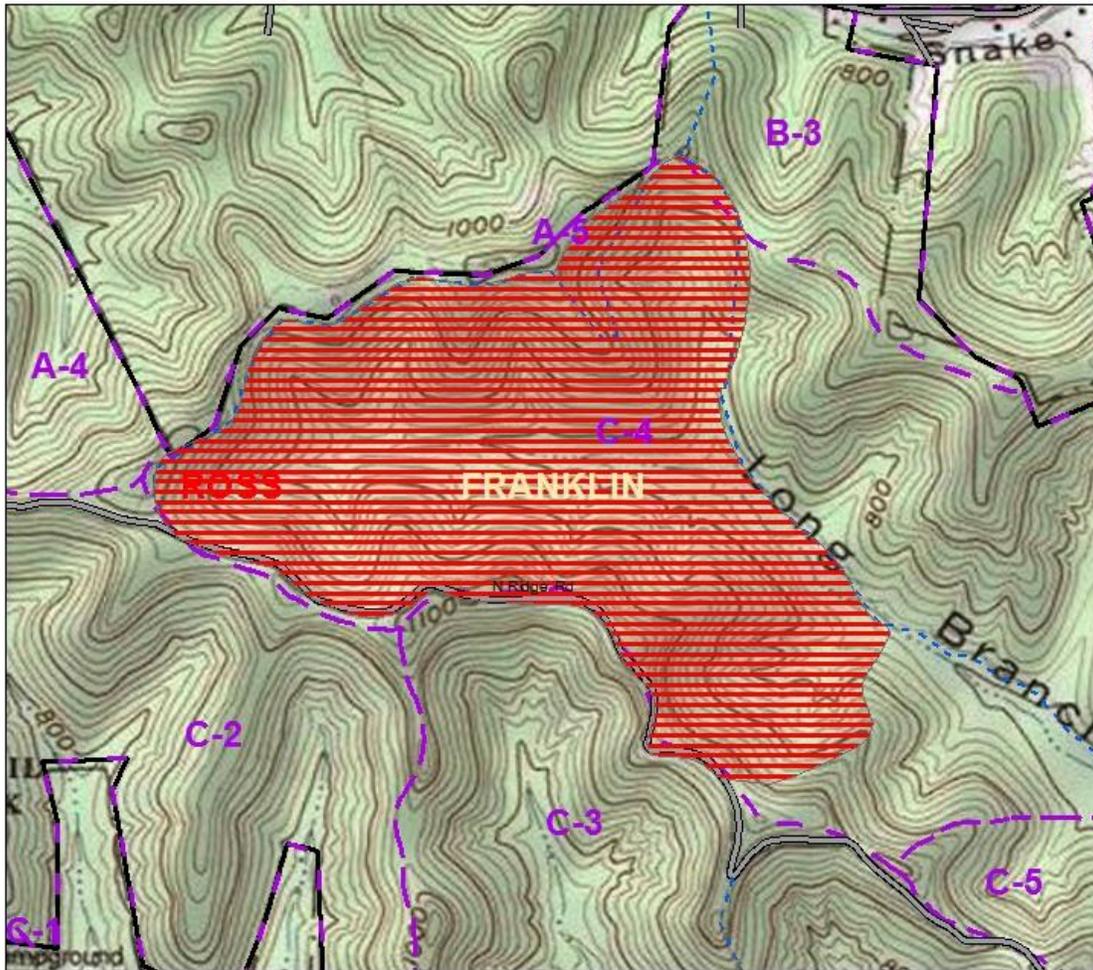


ODNR - Division of Forestry
Fiscal Year 2017 Rx Fire Plan
Richland Furnace State Forest
DRAFT



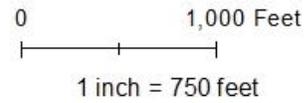
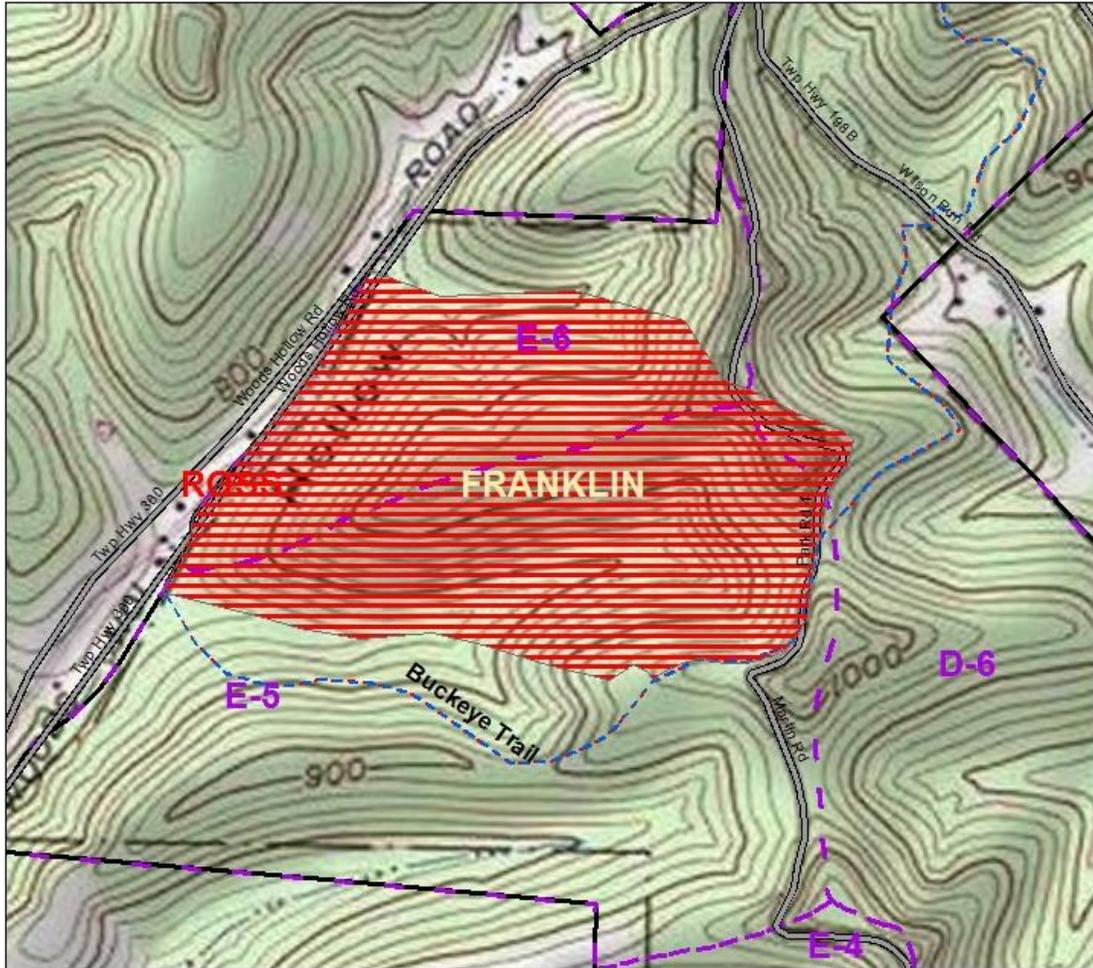


ODNR - Division of Forestry
 Fiscal Year 2017 Rx Fire Plan
 Scioto Trail State Forest
 DRAFT



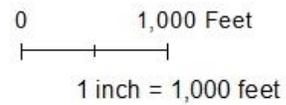
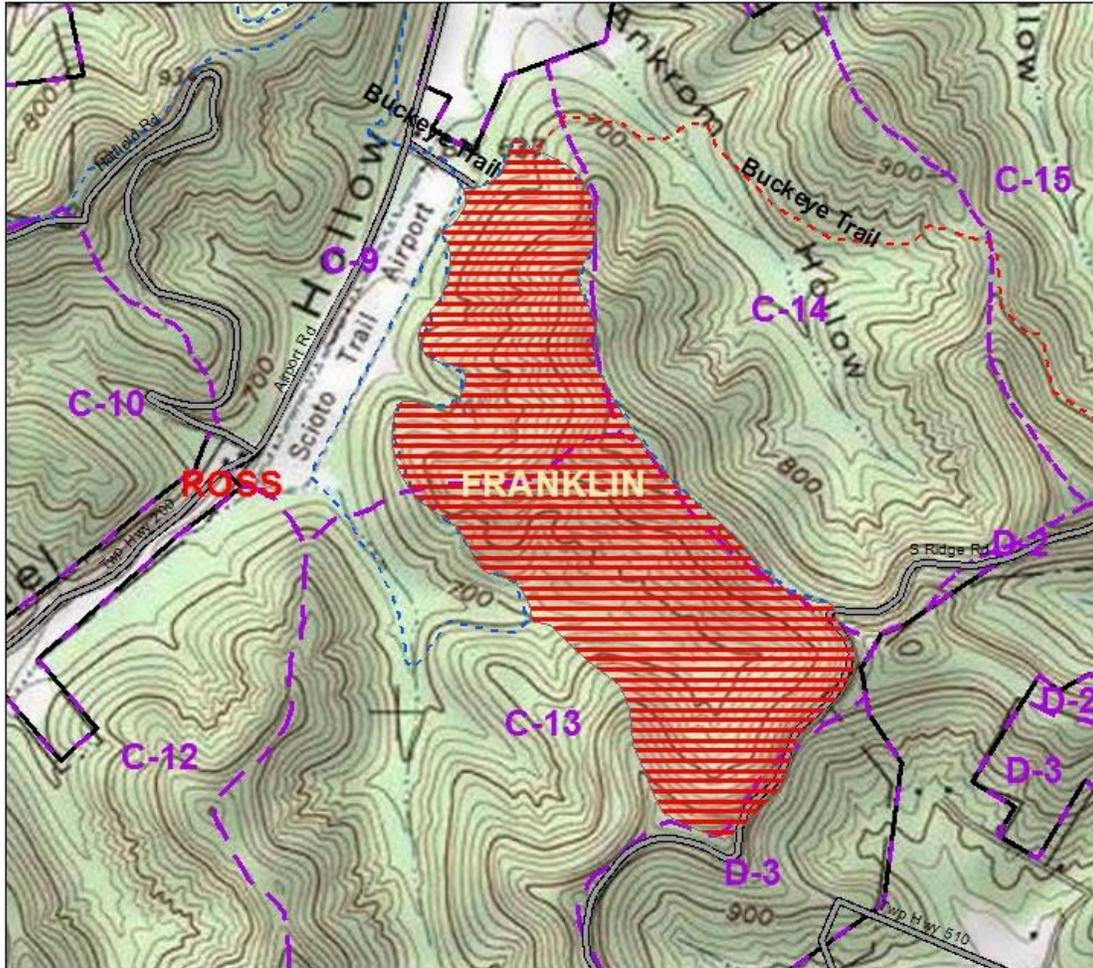


ODNR - Division of Forestry
 Fiscal Year 2017 Rx Fire Plan
 Scioto Trail State Forest
 DRAFT



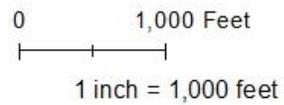
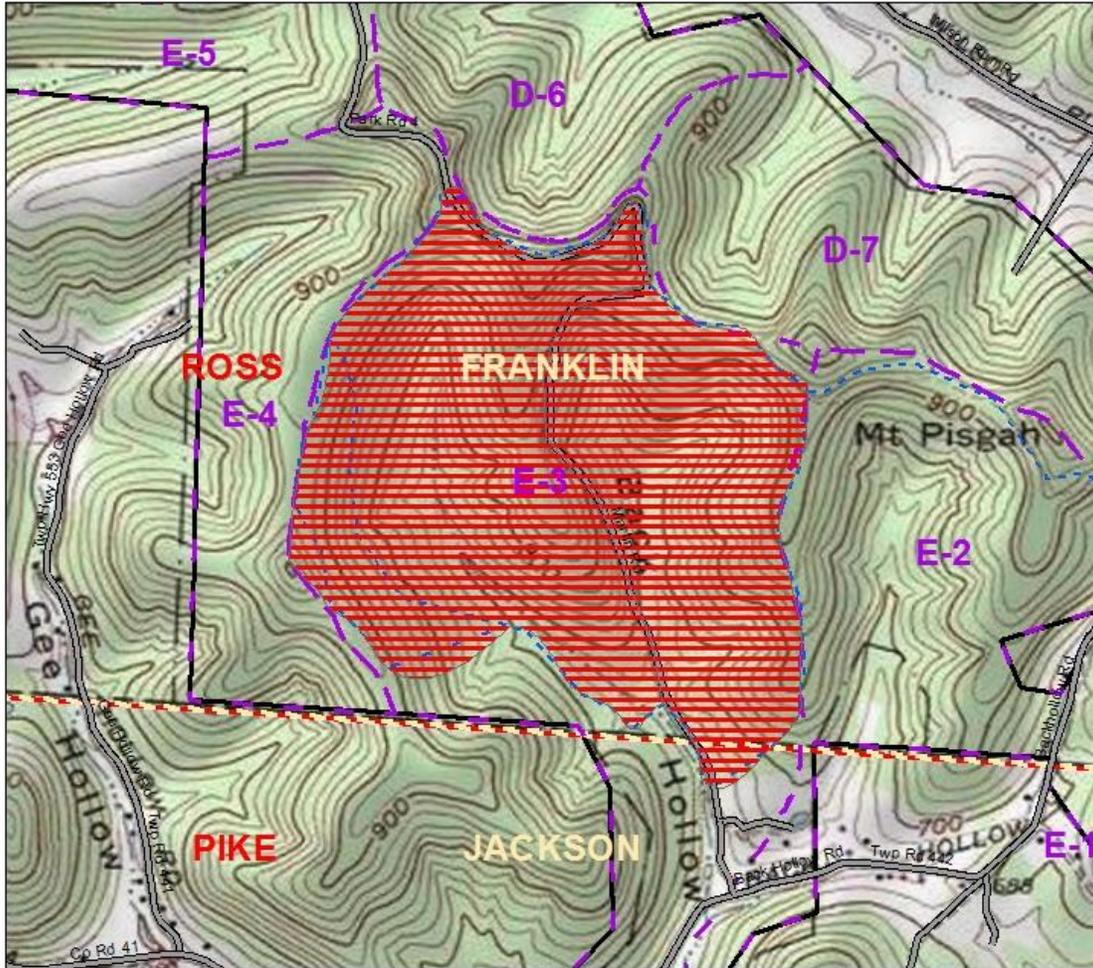


ODNR - Division of Forestry
 Fiscal Year 2017 Rx Fire Plan
 Scioto Trail State Forest
 DRAFT



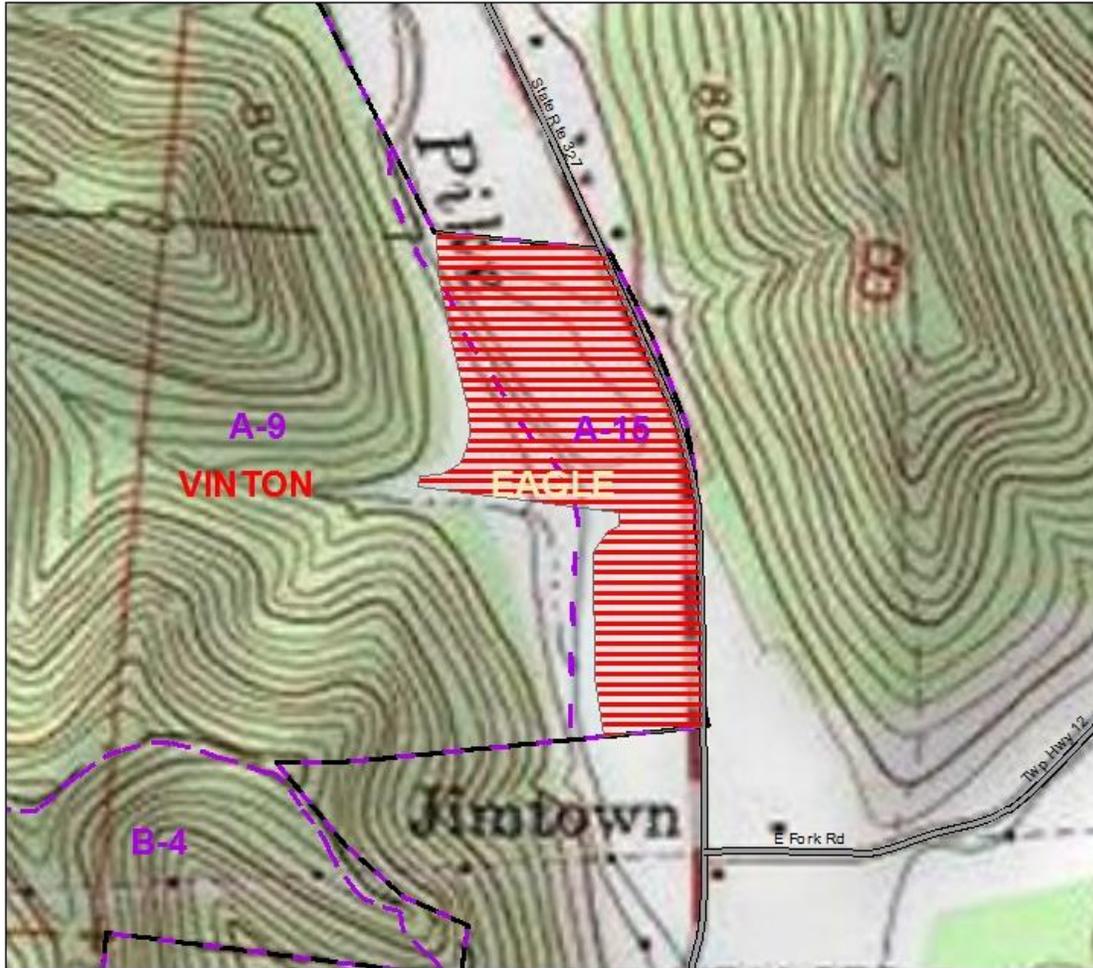


ODNR - Division of Forestry
 Fiscal Year 2017 Rx Fire Plan
 Scioto Trail State Forest
 DRAFT

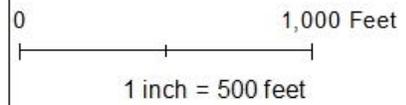




ODNR - Division of Forestry
 Fiscal Year 2017 Rx Fire Plan
 Tar Hollow State Forest
 DRAFT

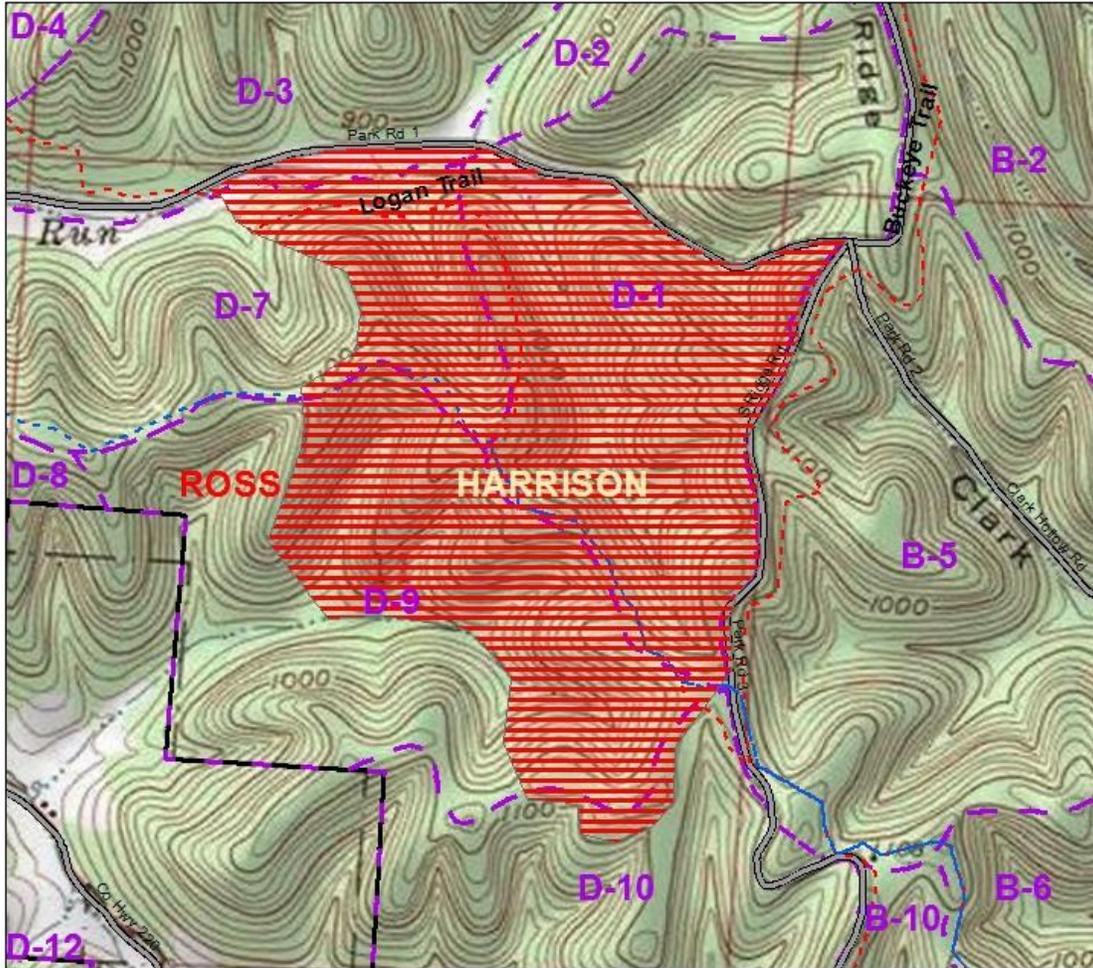


Legend			
	Burn Unit		Compartment
	Bridle Trail		Township
	Backpack Trail		County
	Hiking Trail		Forest Boundary
	APV Trail		
	Roads		

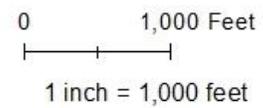




ODNR - Division of Forestry
 Fiscal Year 2017 Rx Fire Plan
 Tar Hollow State Forest
 DRAFT

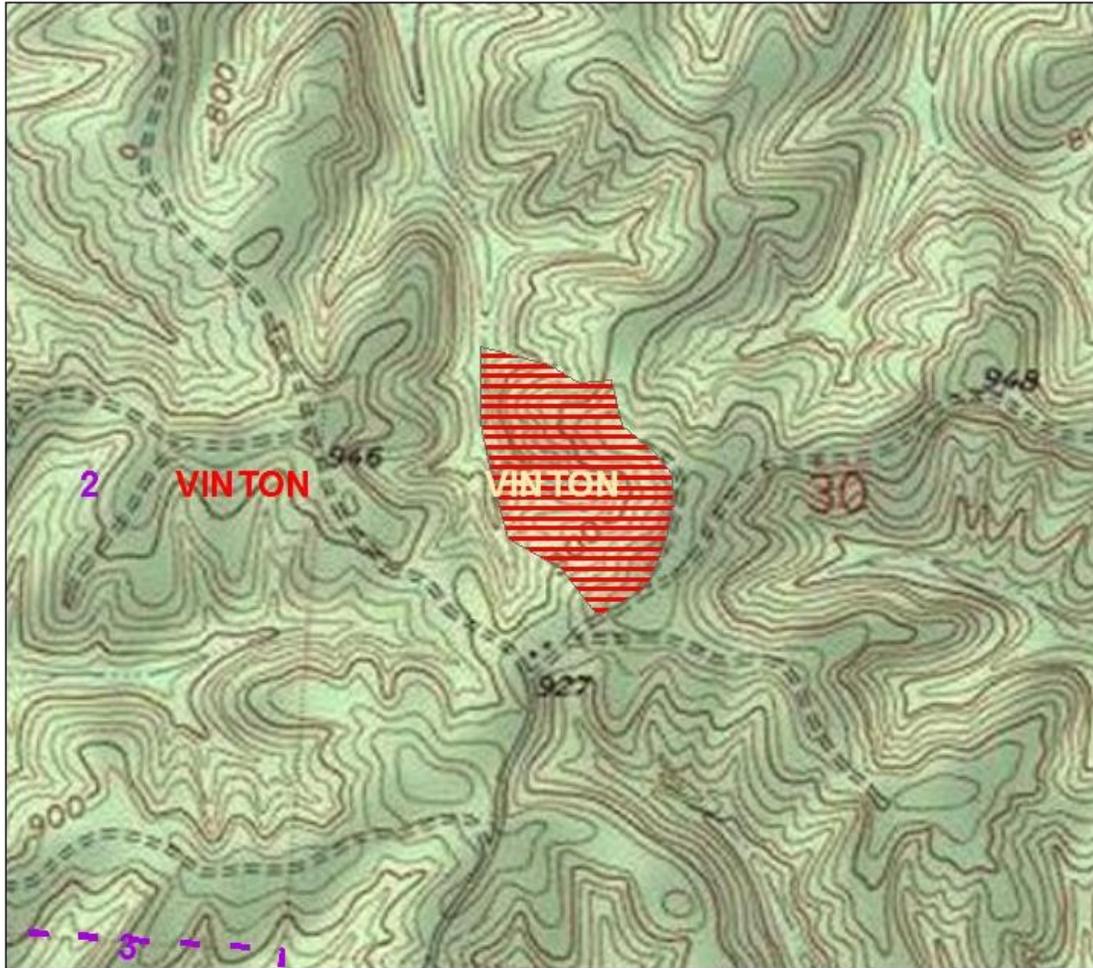


Legend					
	Burn Unit		Bridle Trail		Compartment
	Backpack Trail		Township		County
	Hiking Trail		Forest Boundary		
	APV Trail				
	Roads				



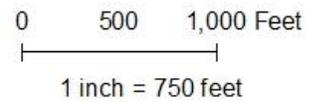


ODNR - Division of Forestry
 Fiscal Year 2017 Rx Fire Plan
 Vinton Furnace State Forest
 DRAFT



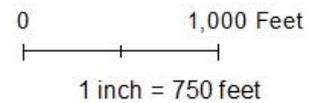
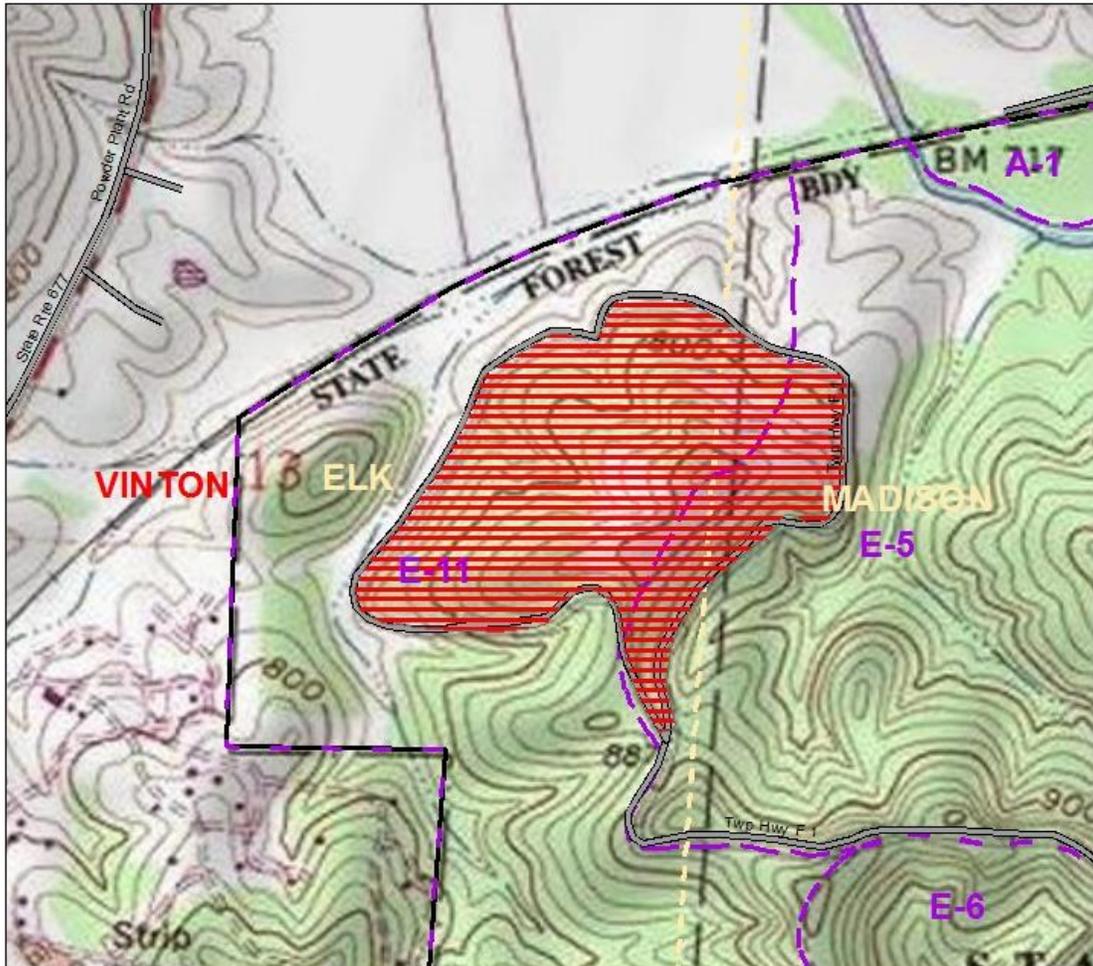
Legend

 Burn Unit	 Bridle Trail	 Compartment
 Backpack Trail	 Hiking Trail	 Township
 APV Trail	 County	 Forest Boundary
 Roads		



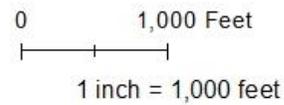
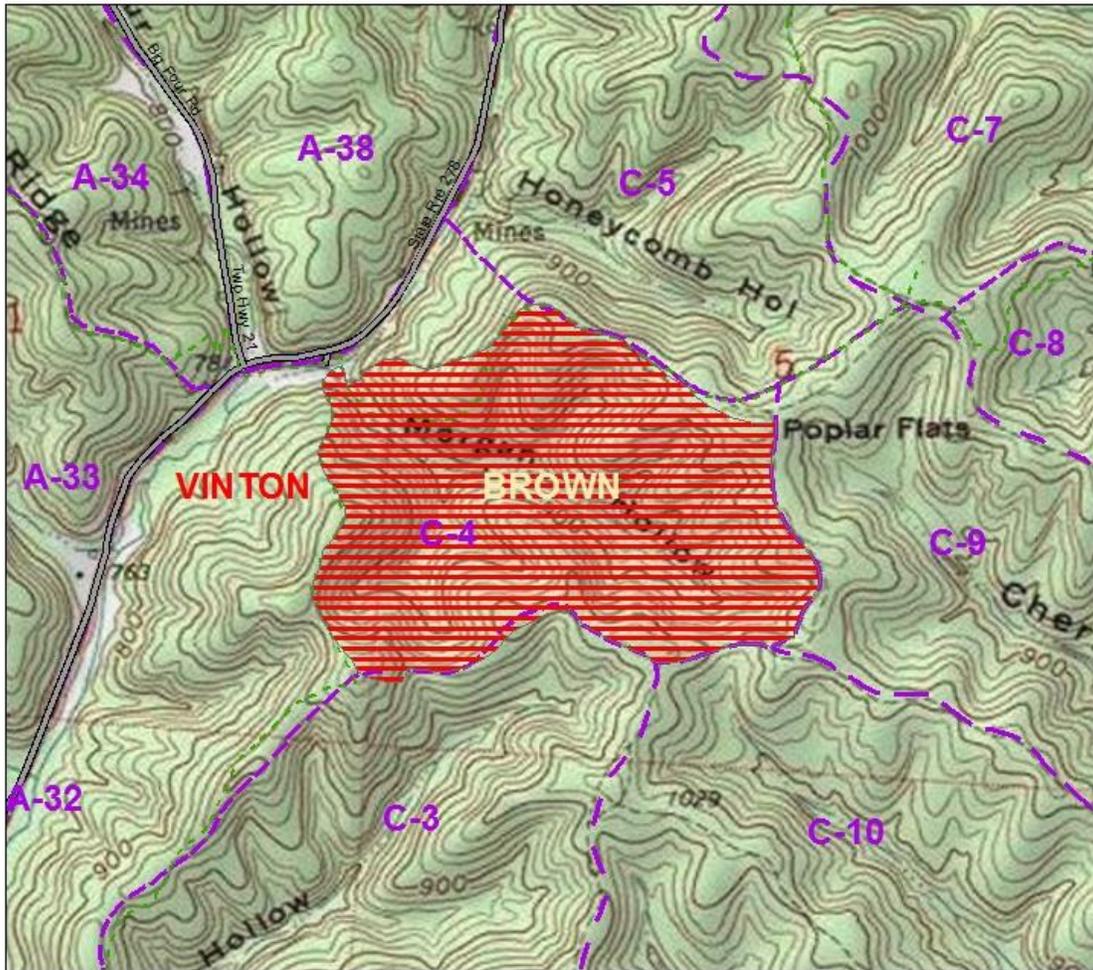


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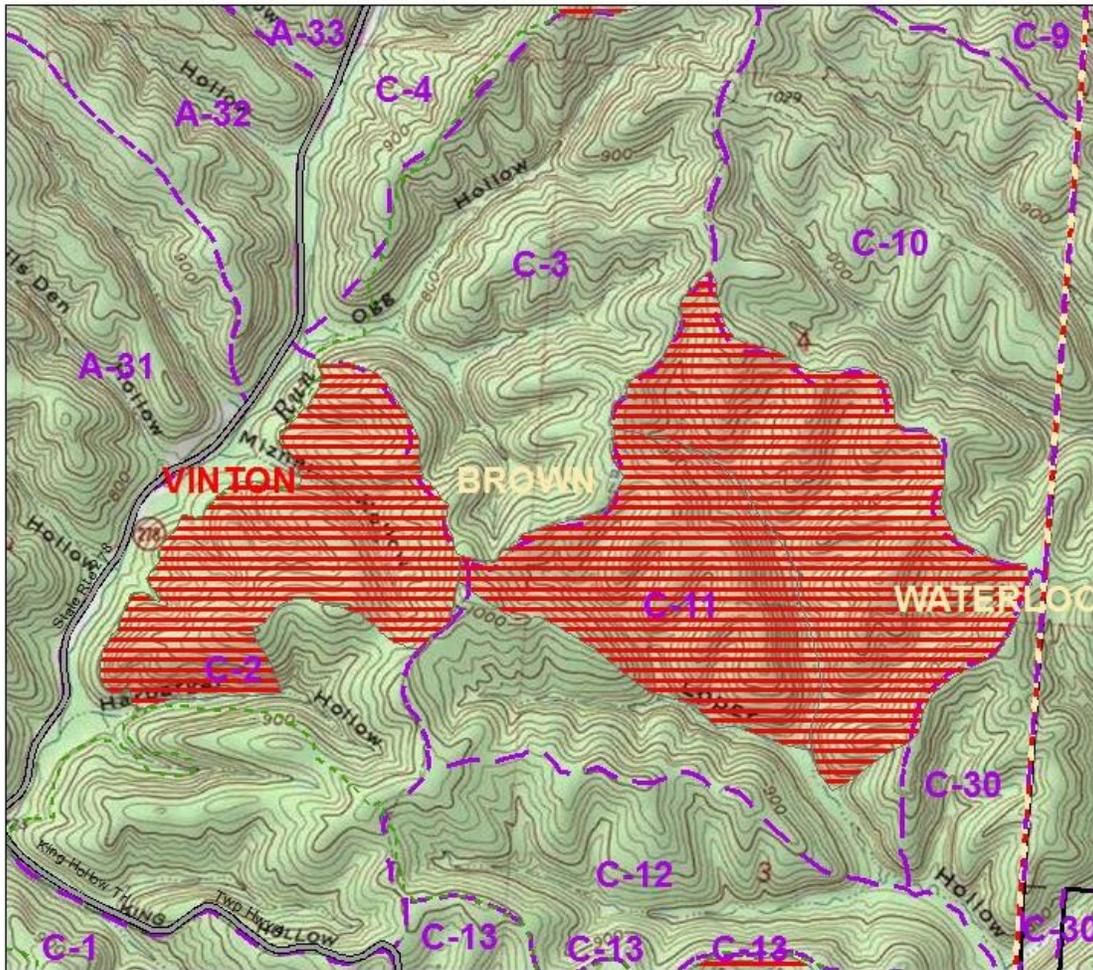


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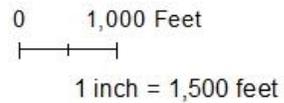


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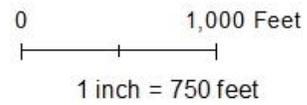
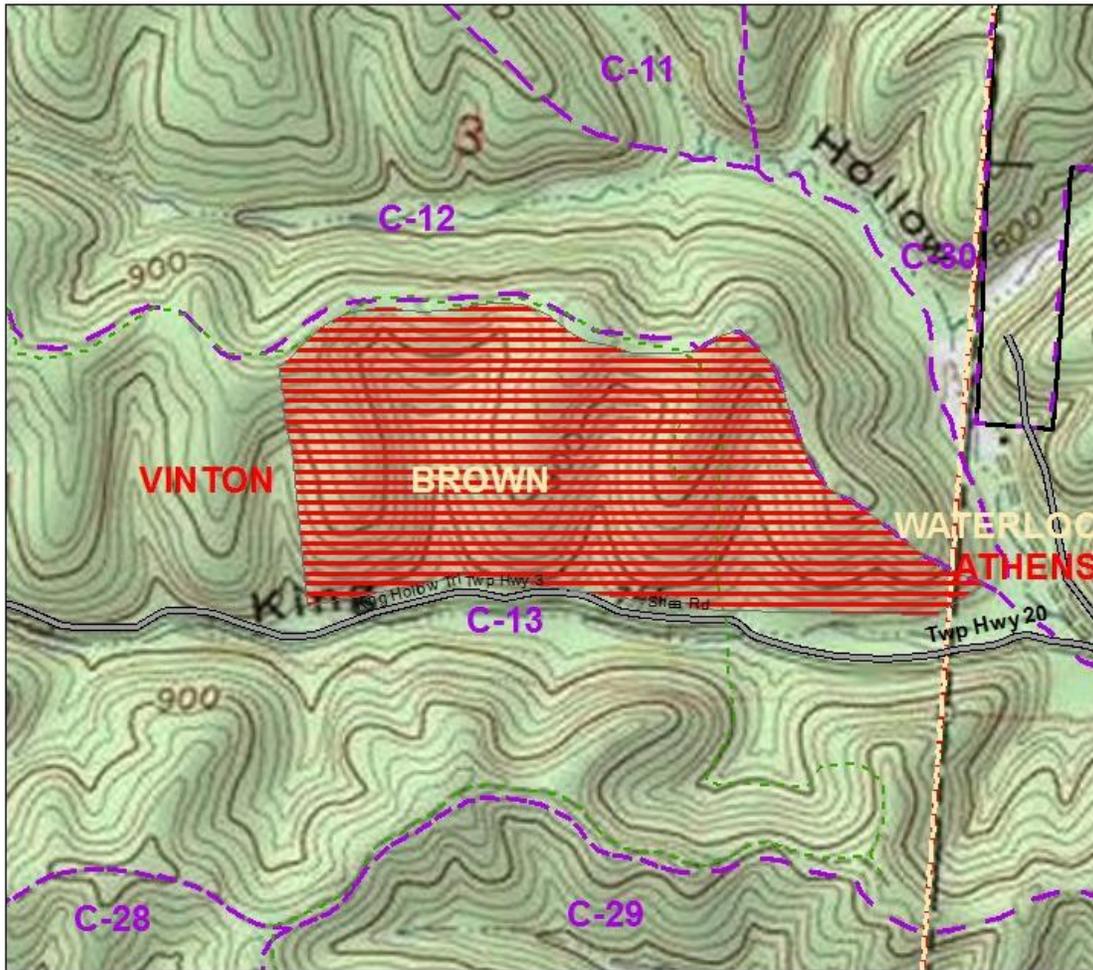
Legend

	Burn Unit		Bridle Trail		Compartment
			Backpack Trail		Township
	Hiking Trail		County		Forest Boundary
	APV Trail		Roads		



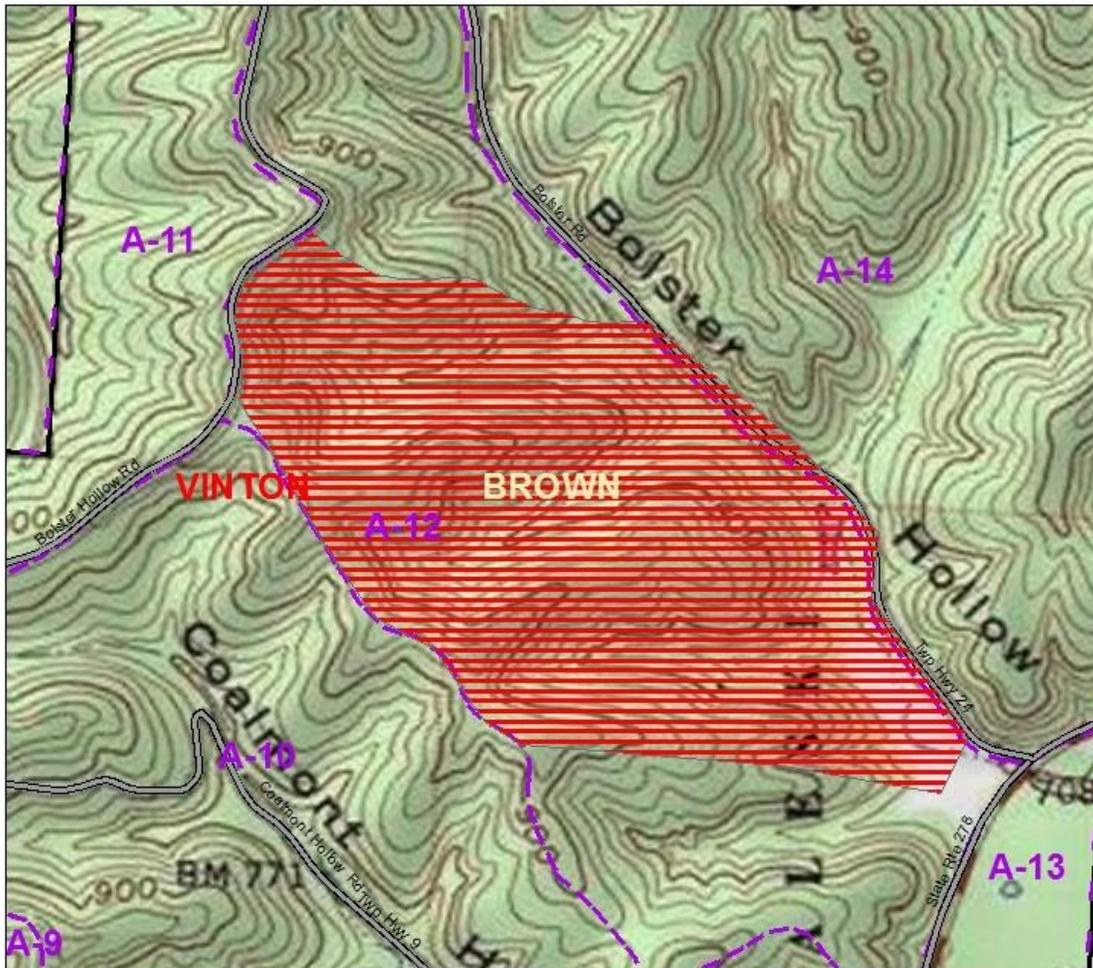


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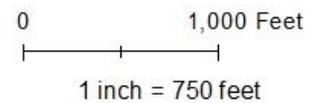




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Legend			
	Burn Unit		Compartment
	Bridle Trail		Township
	Backpack Trail		County
	Hiking Trail		Forest Boundary
	APV Trail		
	Roads		



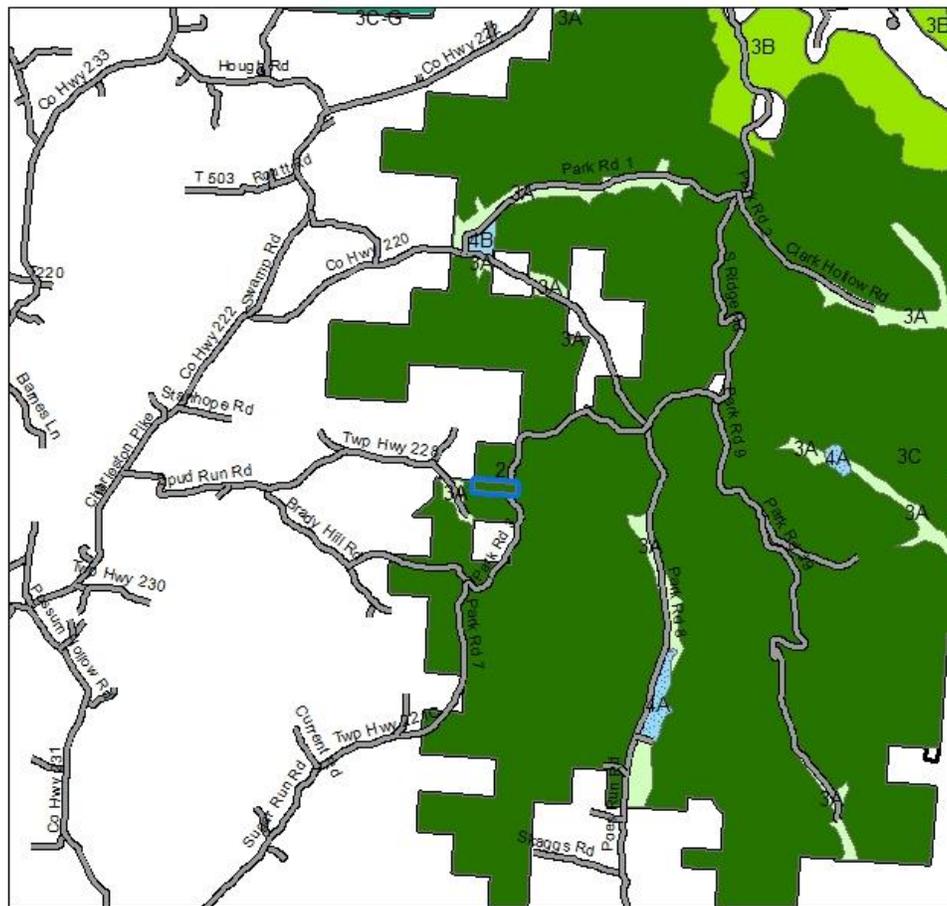
Appendix D – 2016-2017 Planning Period, Proposed Zoning Changes

FY 17 Forest Zone Acquisitions and Trades

Wagner Trade

Hocking and Tar Hollow State Forests

Tar Hollow - Proposed



Legend

Forest Zone	1D	3C	4A	Roads
1A	2	3C-G	4B	Forest Boundary
1B	3A	3C-T		
1C	3B	3D		

A 15 acre parcel at Hocking SF was traded for a 10 acre parcel at Tar Hollow SF. The proposal is to zone the acquired property as 3C.

FY 17 Forest Zone Acquisitions and Trades Malone Trade Dean State Forest

Proposed

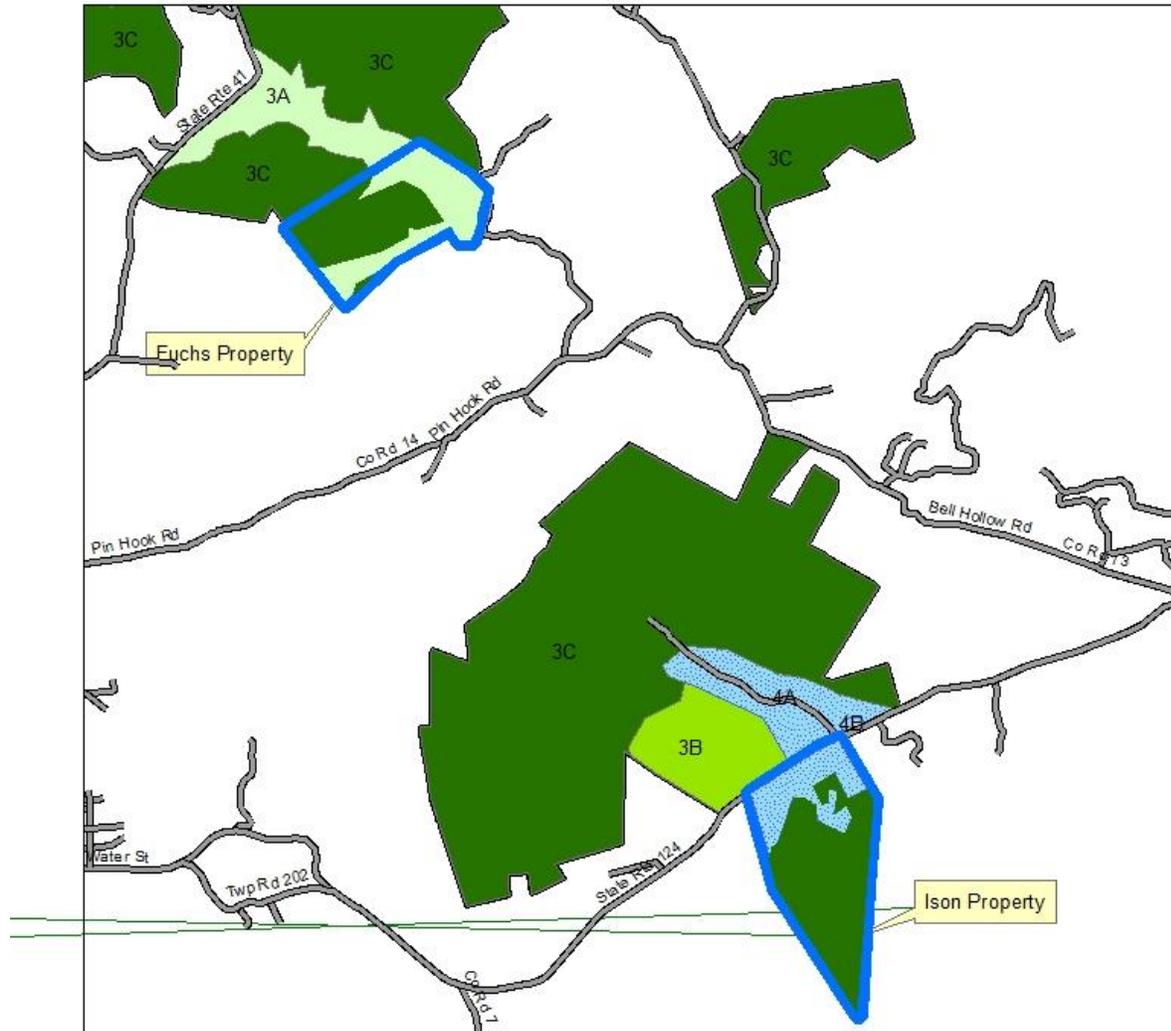


A 0.40 acre parcel was traded for another 0.40 acre parcel. The proposal is to zone the acquired property as 3C.

Legend

Forest Zone	1D	3C	4A	Roads
1A	2	3C-G	4B	Forest Boundary
1B	3A	3C-T		
1C	3B	3D		

FY 17 Forest Zone Acquisitions and Trades Ison and Fuchs Acquisitions Pike State Forest



Legend

Forest Zone	1D	3C	4A	Roads
1A	2	3C-G	4B	Forest Boundary
1B	3A	3C-T		
1C	3B	3D		

The highlighted parcels represent the acquired properties (Ison - 144 acres; Fuchs - 100 acres). On the Ison tract, the proposal is to zone the X acres of grass and field as 4A-Intensive Recreation to create an APV obstacle course. The remainder (acres) will be zoned as 3C-Timber Management. The proposed zoning on the Fuchs tract is to zone 62 acres as 3A-Resource Protection with the remainder as 3C (38 acres).

FY 17 Forest Zone Acquisitions and Trades Bramlage and Miller Acquisitions Hocking State Forest



Legend

1A	1B	1C	1D	2	3A	3B	3C	3C-G	3C-T	3D	4A	4B	Roads	Forest Boundary
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The highlighted area represents the acquired properties (Bramlage - 31 acres, Miller 7 acres). The proposal is to zone 2 acres of the Bramlage property as 3A-Resource Protection, 6 acres as 3C-Timber Management, and the remaining 23 as Zone 2 - Reserved Lands. The Miller property is proposed as Zone 2 as it is currently held in life estate.