

# STATE OF NEW HAMPSHIRE DEPARTMENT of RESOURCES and ECONOMIC DEVELOPMENT DIVISION of PARKS and RECREATION

### **BUREAU OF TRAILS**

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November 15, 2016

Her Excellency, Governor Margaret Wood Hassan and the Honorable Executive Council State House Concord, New Hampshire 03301

#### REQUESTED ACTION

Authorize the Department of Resources and Economic Development, Division of Parks and Recreation, Bureau of Trails to award Recreational Trails Program grants to the organizations listed on the attached sheet (vendor codes included) in the total amount of \$890,598.98 for the development and maintenance of recreational trails and trail related safety and educational projects from December 7, 2016 through November 30, 2017. 100% Federal Funds

Funding is available as follows:

FY 2017

03-35-35-351510-37770000 Nat'l Recreational Trails Fund 074-500585 Grants for Public Assistance and Relief

\$890,598.98

#### **EXPLANATION**

The Recreational Trails Program is funded by the Federal Highway Administration. The purpose of the program is to allocate funds to the States for the development and maintenance of recreational trails and trail related safety and educational projects.

Due to the lengthy process of executing an agreement, we are requesting approval to enter into these agreements pending execution of the agreements to assist the organizations in meeting their program goals. The Attorney General's Office has approved the attached sample grant agreement as to form and substance and will approve each agreement upon execution.

Respectfully submitted,

Concurred,

(M)

Philip A. Bryce

Director

Jeffery J. Rose Commissioner

Attachments PAB/CG/ar

## 2017 Recreational Trails Programs Grants

**Grant Amount | Minimum Match** 

**Total Project** 

\$1,113,248.

Grant #

Organization

**TOTAL GRANTS AWARDED** 

17-01	North Country ATV	\$16,607.00	\$4,151.75	\$20,758.75
17-03	Stratford Nighthawks SMC	\$14,732.00	\$3,683.00	\$18,415.00
17-04	Stratford Nighthawks SMC	\$16,572.00	\$4,143.00	\$20,715.00
17-06	Milan Trail Huggers ATV Club	\$68,045.00	\$17,011.25	\$85,056.25
17-08	Waumbek Methna SMC	\$67,832.00	\$16,958.00	\$84,790.00
17-14	Sunset Riders ATV Club	\$8,000.00	\$2,000.00	\$10,000.00
17-15	Brookline Conservation Commission	\$12,220.00	\$3,055.00	\$15,275.00
17-19	Androscoggin Valley ATV Club	\$15,000.00	\$3,750.00	\$18,750.00
17-21	Randolph Mountain Club	\$26,240.00	\$6,560.00	\$32,800.00
17-22	Appalachian Mountain Club	\$30,000.00	\$7,500.00	\$37,500.00
17-23	Dartmouth Outing Club/Trustees of Dartmouth College	\$45,149.00	\$11,287.25	\$56,436.25
17-26	Friends of Pisgah	\$23,700.00	\$5,925.00	\$29,625.00
17-27	Harris Center for Conservation	\$32,000.00	\$8,000.00	\$40,000.00
17-30	Sullivan County, NH	\$12,125.16	\$3,031.29	\$15,156.45
17-34	Great North Woods Riders ATV Club	\$31,850.00	\$7,962.50	\$39,812.50
17-36	Snowdrifters SMC	\$28,960.00	\$7,240.00	\$36,200.00
17-37	Central NH SMC	\$61,704.26	\$15,426.07	\$77,130.33
17-38	White Mountain SMC	\$58,030.78	\$14,507.70	\$72,538.48
17-40	Hardy Country SMC	\$39,975.20	\$9,993.80	\$49,969.00
17-41	Bruhawachet Snow Trackers	\$27,039.00	\$6,759.75	\$33,798.75
17-44	Bee Hole Beavers SMC	\$24,486.22	\$6,121.56	\$30,607.78
17-45	Town of Franconia	\$4,620.00	\$1,155.00	\$5,775.00
17-48	Town of Belmont	\$73,440.00	\$18,360.00	\$91,800.00
17-52	National Forest Foundation	\$80,000.00	\$20,000.00	\$100,000.00
17-55	WEDCO	\$72,271.36	\$18,067.84	\$90,339.20

\$890,598.98

\$222,649.75

## Fiscal Year 2017 Recreational Trails Program Granted Projects

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Grant Number	Grantee	Grant Amount	Match Pledged	Match %	Total Project	Section II - Project Description	
17-01	North Country ATV	\$16,607.00	\$5,862.00	26.09%	\$22,469.00	Add gravel to exhisting road/trail where extreme weather & usage has taken a toll in the past several years where no maintenance has been done. Restore draining and water diversion, brush trailiside, remove large rocks where possible and cover rocks & ledge where necessary, improve signage & trail information. Using BMP manual techniques. RTP funds needed for equipment rental (excavator, bulldozer, dump truck, grader) & materials (gravel & 3 12"X20' culverts). MATCH: Unskilled volunteer labor, skilled volunteer labor, designing labor.	
17-03		\$14,732.00	\$4,287.00	22.54%	\$19,019.00	Add gravel to existing road/trail where extreme weather & usage has taken a toll in the past several years where no maintenance has been done. Restore draining and water diversion, brush trailiside, remove large rocks where possible and cover rocks & ledge where necessary, improve signage & trail information. Using BMP manual techniques. RTP funds needed for equipment rental (excavator, bulldozer, dump truck) & materials (gravel & 3 12"X20" culverts). MATCH: unskilled volunteer labor, design labor.	
17-04	Stratford Nighthawks SMC	\$16,572.00	\$4,662.00	21.96%	\$21,234.00	Add gravel to existing road/trail where extreme weather & usage has taken a toll in the past several years where no maintenance has been done. Replace several culverts that are in need of changing due to age and wear and tear from logging and usage. Restore drainage and water diversion, brush trailside, remove large rocks where possible and cover rocks & ledge where necessary, improve signage and trail information. Using BMP practices. RTP funds needed for equipment rental (excavator, bulldozer, dump truck) & materials (gravel & 3 12"X20' culverts). MATCH: unskilled volunteer labor, design labor.	
17-06	Milan Trail Huggers ATV Club	\$68,045.00	\$22,250.14	24.64%	\$90,295.14	Pond Head Conector Trail: New OHRV trail as east/west connector between trails in Berlin, NH & Groveton, NH. Trail also serves an alternate north/south route between trail in Berlin & Millisfield/Errol, NH. Total trail milage from Berlin to Groveton will be 65.3 miles. They will construct. 84 miles of new trail and maintain 6.83 miles of existing trail. Split into 5 sections of trail construction/maintenance. (1) Head Pond Rd (Berlin) to Log Yard (Milton): clear trail by cutting trees/brushing, instal/fix culverts, gravel, crown road, dig ditches. (2) Skidder Trail from log yard (Milton) to Copperville log road (Milan): widen trail to 20', crown road, dig ditches, instal 16' farm gate. (3) Copperville Logging road (Milan): maintain trail, instal culverts, fix water bars, crown road, dig ditches. (4) Copperville Logging road to log yard (Milan): maintain rold trail by cutting branches back and create "250' of new trail, instal 10 culverts, ditching, instal 20' & 33' bridge. (5) Logging Road (Milan) to 1108: instal 20' steel gate, grade & crown road. RTP funds needed for equipment rentals (excavator, tractor), some materials (gravel & 29 20'X15" culverts). MATCH: Unskilled volunteer labor, some equipment (grader, tractor & rock rake), some materials from GIA FUNDS (steel gate, steel bridge, wood decking, hardware), DES permits.	
17-08	Waumbek Methna SMC	\$67,832.00	\$16,958.00	20.00%	\$84,790.00	Replace existing 5' wide suspension bridge with 12' wide bridge to allow for groomer to cross Isreal River and eliminate the groomers travelling on Rt 2. This will be contracted out. No construction debris will flow into river. DES permits will be secured. BMP practices followed. RTP funds needed for service contract. MATCH: GIA app submitted for match funds.	
17-14	Sunset Riders ATV Club	\$8,000.00	\$2,010.00	20.08%	\$10,010.00	Project is to repair 3 miles of <b>Pond Hill Trail</b> from washouts and rocks. Trail will be reshaped to fix washout, restore proper drainage for runoff, rocks removed from trail. Culverts installed. BMP practices followed. RTP funds needed for excavator rental (mentions culverts in app: using GIA for that) <b>MATCH</b> : applied for GIA match (awarded \$2089.20: \$1650 for excavator from GIA, \$439.20 for 2 culverts).	
17-15	Brookline Conservation Commission	\$12,220.00	\$6,951.60	36.26%	\$19,171.60	Project will remove vegetation & resurface 8,000 feet of <b>Potanipo Rail Trail</b> with crushed gravel. Project will be contracted out (3 quotes provided). Steel rails were removed for WW2 and left rail bed in rough shape. Remove organic material, grade road, apply spread & gravel. Some branch trimming. Skilled labor & equipment operator. Some NHB hits, but will not impact species. BMP to be followed. RTP funds needed for equipment rental (tracked skid steer, dump trucks, vibratory roller) & gravel. <b>MATCH</b> : cash funds raised from trail race & unskilled volunteer labor.	
17-19	Androscoggin Valley ATV Club	\$15,000.00	\$3,775.98	20.11%	\$18,775.98	Project is maintenance of 14 miles on the Success ATV trail. Allows novice & handicap riders access. Volunteers will replace trail signs, debris removal, remove trail obstructions. All work will consist in footprint of trail. RTP funds needed for 320 excavator rental w/ operator \$115/hr*150 hrs = \$17,250.00. MATCH: available GIA funds of \$3,749, but also pledging 81 volunteer labor hours = \$1505.	
17-21	Randolph Mountain Club	\$26,240.00	\$7,450.00	22.11%	\$33,690.00	Project is maintainence on the Isreal Ridge Path in the White Mountain National Forest. RMC's professional trail crew will install rock water bars, check steps, rock stairs & rebuild wood ladders. BMP practicies followed. 4 trees to be cut: USFS biologist will be present. RTP funds needed for RMC work crew & own labor force. MATCH: Using RMCs professional trail crew for all labor so some will be donated as match.	
17-22	Appalachian Mountain Club	\$30,000.00	\$14,864.00	33.13%	\$44,864.00	Project is maintenance on <b>Lonesome Lake Trail</b> in <b>Franconia Notch State Park</b> . This includes installing rock steps, retaining walls, waterbars, benching, & corridor maintenance. See proposed work log attached to application. All materials harvested on site. AMC trail building guide practices used. RTP funds needed to cover professional AMC trail crew. <b>MATCH:</b> unskilled volunteer labor provided by AMC crews & AMC trail supervisor.	
17-23	Dartmouth Outing Club/Trustees of Dartmouth College	\$45,149.00	\$11,461.00	20.25%	\$56,610.00	Project is maintenance on Carriage Road & Beaver Brook Trails on Mt. Moosilauke to stop erosion. Dartmouth College Summer Trail crew will perform labor. Materials will be harvested on site. Leave no Trace practicies followed. BPM followed. Must be careful to stay away from sensitive alpine communities. Refer to Amy Lamb email & NHB review. <u>Carriage Road</u> : Installation of stone structures: 90 steps, 440 feet of tumpike, & 94 water bars w/ 500 feet of drainage ditch. <u>Beaver Brook</u> : 10 drainage structures w/ 10 series of 3-4 stone steps & 10 water bars. RTP funds needed for unskilled & skilled labor. MATCH: Lodging for work crews (see document): \$9,149 & own work force @ \$2,312 = \$11,461 total.	

Grant Number	Grantee	Grant Amount	Match Pledged	Match %	Total Project	Section II - Project Description
17-26	Friends of Pisgah	\$23,700.00	\$6,017.60	20.25%	\$29,717.60	Project is to rehab the Kilburn Loop Trail in Pisgah State Park. Trail is severely eroded. Project description details several areas requiring crushed gravel w/ ser-pak top coat. 8 culverts will be installed. 10' ramp made of pressure-treated wood for permitting a maintenance ATV access to parts of trail. Contracting out project to J. Evans Construction (lowest of 3 bids) who has a track truck for less impact on trail. Excavation (down 2') to seat culverts, minor disturbances. Trail runs near Kilburn Pond, some standing water near trail, straw waddles used to prevent erosion into pond. Ditching will use BMP practices (hay). 3 trees (4-5" diameter) to be harvested. RTP Funds needed for equipment rental (loader, excavator, track truck, roller), materials (6 culverts, stone, gravel, ser-pak). MATCH: unskilled volunteer labor (clipping/brushing/raking/mulching of trail), small tractor use, 2 culverts, ser-pac (20 yards), DES trail permit (\$25), erosion control wattle, straw/hay & fluids for tractor
17-27	Harris Center for Conservation	\$32,000.00	\$13,361.00	29.45%	\$45,361.00	Project is to rehab a 1.6 mile section of trail from Jaquith Rd in Harrisville to Jaquith Rd. in Hancock. This will open up the trail to other trails. Work will be clearing tree saplings & snags, improving drainage, removed dumped materials (tires/furniture/truck bed), installing access controls at both ends of trail & replacing bridge over 50' ravine. Massive 140 year old granite blocks for bridge abutments over ravine (they will basically use them in their current state to repair bridge). They will either refurb the steel truss bridge or install a simple wide-flange steel beam bridge. Some trees to be removed, a crane will be used to install bridge. DES permits will be secured if necessary. Erosion control measures will be taken to protect brook below bridge. RTP funds needed for contracted labor by Tom Weller to install bridge. MATCH: unskilled labor
17-30	Sullivan County, NH	\$12,125.16	\$4,589.80	27.46%	\$16,714.96	Project is to rehab existing <b>Sullivan County Farm Trail</b> & construct 1200' of new trail to <b>Marshall Pond Trail</b> making total connected trail 3.5 miles w/ parking at both ends. SCA crew will rehab existing trail: tasks are erosion control, tread hardening, water diversion, construct 2 stream crossings (wood/stone stepping stones), construct 2 kiosks. SCA will also design & mark 1200' of new trail. County will provide labor to construct 1200' of new trail to connect County Farm Trail to Marshall Pond Trail. County will hire graphic designer to create & print brochures and map posters for new trail w/ existing trail. <b>RTP funds</b> for SCA crew & materials: wood for 2 kiosks, bridge handrails, map & brocure design & 250 printing, aggregates for wet areas, 2 printed posters for kiosks. SCA crew will design trail to avoid wetlands & environmental impacts. <b>MATCH</b> : Volunteer unskilled labor, own work forces, excavator operation.
17-34	Great North Woods Riders ATV Club	\$31,850.00	\$10,796.60	25.32%	\$42,646.60	Project: repair 6 miles of existing trail (high traffic) on <b>Shatney Mountain</b> . This trail links to Pittsburg Village & other trails in Great North Woods trail system including Ride the Wilds. Hydraulic excavator (\$30,000 RTP request) will dig 3-d* along trail w/ tasks of: ditch cleaning, brush removal, trail surface regrading, water bar construction, stump burial & 7 culverts added (materials from RTP: \$1,850). Pickup truck & ATV/UTV will be used as well. WARICK contractor has certified loggers (2 certificates provided) and is the only contractor allowed on PSLT lands (see letter from Perry Stream & WARICK). WARICK loggers are experienced with BMP practices. Maintaining this trail will keep further erosion from occurring. Plan on having natural ground cover regenerate instead of seeding or haybale spreading unless high erosion situation. MATCH: WARICK skilled volunteer labor & unskilled volunteer labor, some excavator hours, pick up trailer hours, lowbead hours.
17-36	Snowdrifters SMC	\$28,960.00	\$7,645.00	20.89%	\$36,605.00	Project is to improve 3 miles of primary SM trail 151 in Groton, NH and reroute 1/2 mile of trail. Photos show rocky trail with lots of overhanging trees which make the trail very rocky b/c snow cannot fall on it. Project will install 8' X 16' bridge over dry bed, installing 26 culverts, cutting 6 12" diameter trees & 20 4-6" saplings. Project will link corridor 8 & corridor 11, which are major linkages to larger trails. RTP funds needed for most excavator time & materials (26 culverts & lumber). Match: Unskilled volunteer labor, some excavator time, ATV/4-wheeler time, mulch & hay.
17-37	Central NH SMC	\$61,704.26	\$15,583.40	20.16%	\$77,287.66	Project is to repair/replace 6 bridges to a higher elevation and longer span in the Buzzel Valley area in the town of Ellsworth, NH, in the WMNF. #1: currently 32' steel I-beam to be replaced with 36' steel I-beam. #2: currently 30' steel I-beam to be replaced with 36' steel I-beam. #3: currently 24' wooden beam to be replaced with 30' steel I-beam. #4: currently 20' wooden beam to be replaced with 30' & 32' steel I-beams from bridges #1 & 2. #5: currently 16' to be replaced with 20' with beams from #3 & 4. #6: currrently 8' to be replaced with 16' beams from #5. All decking & guard rails will be repurposed for bridges #4, \$ & 6. (see email from Duane to clarify where all the beams are coming from). Consulted a WMNF Hydrologist on where to place bridge. BMP practices will be followed: positive impact will be the bridges will be higher so less erosion of abutments from flooding. RTP funds needed for materials, excavator rental, muskeg tracked carrier rental & privately-owned snow cat use (do we cover that?). MATCH: unskilled volunteer labor, rentals of generator & compressor & ATV use.
17-38	White Mountain SMC	\$58,030.78	\$14,910.00	20.44%	\$72,940.78	Project is a continuation of previous project phase 1 of Bog Pond Trail in WMNF. Phase 2 is construction of 65' X 12' bridge over Harvard Brook that currently has no bridge. Crossing the brook over the ice is dangerous. Groomers are unable to groom trail over ice. Project also entails installing 25 boxed culverts @ 16' bridge, 5 8' 1 X 16' bridges, drainage & tread work on Bog Pond Trail. Railings will be installed where needed. Completing phase 2 will finish the existing 6 mile Bog Pond Trail. BMP manual followed for erosion control (silt fence, straw waddles, seeding) & structures built to WMNF specs. 65' bridge will be bank-to-bank. RTP funds needed for excavator rental & materials (lumber, steel beams, hardware, hay & seed). MATCH: unskilled volunter labor, some excavator time, muskeg time, ATV use.

Grant Number	Grantee	Grant Amount	Match Pledged	Match %	Total Project	Section II - Project Description
17-40	Hardy Country SMC	\$39,975.20	\$12,972.80	24.50%	\$52,948.00	Project is to repair Corridor #24/Kimball Hill. Landowner may revoke land-use privlidges if trails are not repaired. Project includes repairing ~9 miles of washed out trail, retreading and grading surface, replacing 6 culverts, replacing 2 bridges. BMP practices followed, repairing trail will cause erosion of trail to stop with proper mainteneance, mentions Newfound Lake Watershed. Will most likely need Trails Notification permit. RTP funds needed for: excavators & loader rentals, materials (lumber, gravel, 10 cellular PVC sheets, 4 steel I-beams, hardware, 6 culverts & escalator belting). MATCH: Unskilled & skilled volunteer labor.
17-41	Bruhawachet Snow Trackers	\$27,039.00	\$7,168.96	20.96%	\$34,207.96	Project: upgrades to "3.5 miles of <b>Brown Brook trail</b> , <b>North trail</b> & <b>Stinson Mountain trail</b> in Rumney, NH (all on USDA land), <b>North Trail</b> : improve drainage, grading, install swales & 4' box culverts. <b>Brown Brook Trail</b> : 1/2 mile needs 5 4' box culverts & 3 8' bridges and further down trail needs excavator work & another 8' bridge. <b>Stinson Mountain Trail</b> : a 2 mile section needs grading, drainage improvements & 2 8' bridges. BMP practices followed for erosion control (swales, seeding), the culverts and bridges will improve drainage (waterbars added) & erosion issues, "50 4-15" DBH trees to be cut. <b>RTP funds</b> needed for excavator and backhoe rentals and materials (lumber, hardware, gates). <b>MATCH</b> : Unskilled volunteer labor, ATV use to haul materials, some donated time for excavator & backhoe work
17-44	Bee Hole Beavers SMC	\$24,486.22	\$6,567.00	21.15%	\$31,053.22	Project is to disassemble old bridge and replace with new bridge over the <b>Bee Hole Brook</b> in Loudon, NH. Regrade trail surface, add ditchlines, install waterbars w/ rubber belting between lumber. 8' Forestry gate to install & 2' equestrian pass through gate. Add crushed gravel to finished surface. BMP practices to prevent erosion (hay bales, silt fences, drop cloths, seeding, etc.). RTP funds needed for contracted labor, excavator rental, materials (steel, lumber, mic). MATCH: construction/engineering drawings, skilled, unskilled and contracted labor, welder rental, materials (steel beams, lumber, misc).
17-45	Town of Franconia	\$4,620.00	\$1,155.00	20.00%	\$5,775.00	Scaled back Project Scope: Gale River Trail in Fox Hill Park in Franconia, NH. Starting at parking lot to 1,150 feet of trail. No digging. Removal of 2 dead trees. All work will stay within existing trail. 800 feet of trail need sub material, approximately 180 cubic yards. RTP FUNDS needed for: 85 cubic yards of ledge pack. 1 drain pipe. Tractor use for transporting pipe. Some contractor labor, some town work forces. MATCH: unskilled volunteer labor: ~150 hrs.
17-48	Town of Belmont	\$73,440.00	\$42,331.33	36.56%	\$115,771.33	Project is to finish Village Revitialization (started in 2012) on Village Spur Trail in Belmont, NH. Trail is cut off by Tioga River, so bridges are planned/in place. Trail is close to Great Brook Village (55+ community) & Belmont Senior Center which would provide walking trails for elderly. Trail is ADA compliant (see acknowledgement letter). Project is in 3 parts. 1) finish bridge installed over Tioga River. This was started with RTP 14-65 & LWCF funds. They encountered delays and need to finish siding, roofing and painting bridge. 2) Install 2nd bridge over 100+ gap at former trestle on Tilton Belmont Rail Spur over Tioga River. Some engineering required to place bridge abutments. DES permit may be necessary. This bridge will connect 2 miles of trail. 3) fence and gate trail, repair washouts. Possible SCA crew for part 3. Digging is within existing railbed. RTP funds needed for man lift hours, materials, engineering costs, permits, other expenses. MATCH: unskilled volunteer labor, some man lift operator hours, some materials, some site engineering, some permits, some signs, lights, abutments.
17-52	National Forest Foundation	\$80,000.00	\$40,015.00	33.34%	\$120,015.00	Currently has RTP 15-39 for bridge #2. This project is to completely replace existing bridge #4 (Boot Spur Link Bridge) on the Tuckerman's Ravine Trail going up to Mt. Washington from damage sustained from Tropical Storm Irene in 2011. New bridge will be 40°. Parts will need to be helicoptered in. Project will be completely contracted out. Above & below the bridge site, contractor will grade and fix trail from any construction disturbance. Submitted NEPA analysis instead of NHB review. Contractor will follow BMP practices (silt fencing, geotextiles, retaining wall and aggregates). RTP funds needed for contractor (materials & labor). MATCH: Cash matching from private funds raised by NFF. Basically covering part of the labor, geotextile & bridge railing.
17-55	WEDCO	\$72,271.36	\$18,067.84	#REF!		The Cotton Valley Trail Committee's project is to create the last 1.9 miles of the Cotton Valley Trail adjacent to the rail line from Clark Rd in Brookfield to Wolfeboro to meet up with current 2015 RTP. Project will be contracted out and use heavy construction equipment to take down ~30-40 hemlock trees to widen & create the trail. Trees will be chipped and used as fill. The trail will be outside the rails when possible and in between the rails when near a wetland. Description mentions several wetlands along route and silt fencing will be used to control erosion and runoff. May need a trails notification permit. 6 or 7 wooden transition platforms of 66" X 4'9" will be built when the trail goes from the outside of the rails back in. The wooden platforms will be linked together by stainless steel roots. 5-6 wooden culverts will be built near the wetlands to allow water pass through. Gravel, fabric then stone dust will be applied to the surface and compacted for a flat trail; accessable by everyone including mobility challenged. A 30" X 100" parking area will be created at the Clark Road trailhead. A bridge going over Pike Brook will need to be framed and decked with railings. This project will complete the 12 mile corridor from Wolfeboro to Wakefield. Several partners on project: 7 lakes SMC, CVRTC & Adpot-a-trail program. RTP funds needed for contracted labor, brush chipper, compactor & materials (wood, fabric cloth, gravel & stone dust). MATCH: CVTV cash match of \$22,000 (buying some materials and contracted labor) and ~3,000 in unskilled volunteer labor.