

Bear Mountain Appalachian Trail Relocation



Trail Construction Documents - Part 1 Upper East Face Section - Old Scenic Drive to Summit

Prepared for

Bear Mountain Appalachian Trail Partnership

(Bear Mountain State Park (PIPC), Appalachian Trail Conservancy, NY-NJ Trail Conference, National Park Service)

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TRAIL CONSTRUCTION WORKLOG ITEM SUMMARY

The following table contains a list of the major trail construction items which will be required for this section of trail. There are other minor items which are not listed here but described in the trail construction worklog below.

ITEM	UNIT	QUANTITY
Stone Steps	each	372
Stone Cribbing	sq. ft.	3,055
Full Bench Cuts	ln. ft.	193
Stone Paved Tread	sq. ft.	281
Stone Gargoyles	sq. ft.	175
Stone Culverts	ea.	5
Turnpike (2 sections)	ln. ft.	51
Coping Stones	ln. ft.	14
Drainage Ditch	ln. ft.	12
Duff Removal	ln. ft.	187
Trail surfacing (330 tons)	cu. yds	220

GENERAL TRAIL CONSTRUCTION NOTES:

1. This new 2,874 foot long section of the Appalachian National Scenic Trail (AT) begins at the edge of the old Scenic Drive across from the point where the existing Appalachian Trail ascends from the Pine Flats. This segment ends at the summit of Bear Mountain on the existing AT.

2. The trail ranges in width from 4 to 5 feet with running grades ranging from 0 to 15 percent. Grades above 15 percent will have steps installed. The width varies due to features such as boulders, steep side slopes, and mountain laurel thickets.

3. The trail route layout follows the general principles of sustainable trail design with the added objective of creating an interesting, scenic, and low maintenance trail route over Bear Mountain.

4. Installation of stone steps and cribbing will involve movement of local stone as well as importation of stone. There are many sources of local stone along the trail route and care must be taken to protect the visual integrity of the trail. Local stone harvested near the trail (not next to the trail) must be done in a way that does not deplete the sources of stone. Said another way, if stone is there now, enough stone must remain after trail construction to not significantly alter the appearance of that area from the trail. Areas impacted by stone harvesting must be renovated with leaves, logs, and other on-site organic debris.

5. Stone that is in the trail treadway may be used for construction purposes as long as it does not serve a purpose in its original location. Stone next to the trail should remain as part of the character of the trail. Stone must be harvested away from the trail.

6. Much stone will need to be cut, split and shaped. To the extent possible, this activity should be done away from the trail in the area where stone is harvested. This will keep stone chips and other broken stone away from the work area. Much of this stone can be used as backfill for stone cribbing construction or stone step installation. It is easier to move smaller sizes of stone and chips which can easily be moved in 5 gallon buckets.

7. Stone which will be moved via winch and highline should be done in a manner which is safe and efficient. Additional safeguards should be made to protect vegetation, particularly trees, from damage by slings hung on trees and stones impacting the trees. Particular care must be taken during the spring and summer when tree bark is more vulnerable to damage. Wood bumpers can be strapped to trees to protect them when necessary. Proper sling installation is also important.

8. Given the amount of stone required for this project, much stone will need to be cut and split. Stone steps which are cut and split should be mixed in with those steps which are not split (natural faces) so that the cut faces will blend in more quickly.

9. Visible drill holes on stones should be minimized to the extent possible. Drill holes should be cut back using hammer sets or chisels to reduce their profile and thus their visibility.

10. Organic materials need to be removed from the ground surface before trail construction commences. These materials must be stockpiled for use after stonework has been completed. This material will be needed to finish the areas around the stonework or it may be needed in rehabilitation of the old Appalachian Trail. Where mats of low herbaceous vegetation will be removed for trail construction, scheduling should be coordinated with the rehabilitation of the old AT. Much of this material can be transplanted to the old trail where it will provide near instant vegetation.

11. Backfill materials may be mineral soil, local stone up to 3 inches, and imported crushed stone (1.5" to 2.0"). Where drainage under the trail treadway is not an issue, a mix of mineral soil and stone may be used. Behind stone cribbing only crushed stone (local or imported) may be used to ensure drainage behind the cribbing. Where drainage lenses are specified only imported crushed stone (1.5" to 2.0") may be

used to ensure proper drainage. Local stone larger than 3 inches may be crushed by using mash hammers. All backfill stone must be tamped to ensure that it does not settle after the trail surfacing is installed.

12. Proper safety gear must be worn by all trail workers when working with the various tools and materials needed for this project.

A. Leather work gloves must be used to protect hands from sharp, cut stones, wire rope, and other potential punctures/abrasions.

B. Eye protection must be worn when using hammers, chisels, and other striking tools or when working near or next to someone who is using these types of tools.

C. Ear protection must be worn around power equipment or when working next to or near culvert chutes (stone transport) due to noise levels in excess of 85 decibels.

D. Dust masks must be worn when drilling rock with a rock drill that creates dust. Masks must also be worn when working next to or near culvert chutes which are in use (stone moving down a culvert will generate dust).

E. Hardhats must be worn when working with rigging such as winches and highlines.

F. Long pants will be worn by all trail workers to protect their legs from cuts and scratches during trail work.

G. All trail workers will adhere to proper hydration and food needs during work sessions.

PHOTO #	DISTANCE FT	COMMENTS	WORK NEEDED	SPEC #
UEF1	000	This work log begins 38 feet across old Scenic Drive from the existing Appalachian Trail at the edge of old pavement	Install 36 feet of turnpike starting at the old pavement. This will elevate the tread to accommodate water at the edge of the old road.	2.7
	12		Install 2 stone culverts, each 2 feet wide and 1 foot tall with 2 feet between each.	3.1
	20		End stone culverts.	
UEF2	36		End turnpike. Install 4 stone cribbed steps.	2.2
	41		End stone steps. Install 8 feet of stone cribbing.	2.4
	49		End stone cribbing. Install 28 stone steps up slope.	2.2
	74		Install boulders/gargoyles in a 100 sq. ft. area on the right.	2.3
UEF3	82		End stone steps. Install 16 feet of stone cribbing across old trail. Install stone culvert to allow water on old trail to drain under new trail. The crib heights: on the lower side of the trail is 24" to 36", on the upper side of the trail is 12" to 24".	2.4
UEF3A UEF3B	86		Install stone culvert (2 foot wide X 18" tall). Stone pave inlet and outlet (\pm 24 sq. ft. on each end).	3.1
	98		End stone cribbing. Install 28 stone steps up the slope.	2.2
	113		Install 5 feet of stone cribbing on both sides of the trail to create a landing. The crib height ranges to from 12" to 16".	2.4

PHOTO #	DISTANCE FT	COMMENTS	WORK NEEDED	SPEC #
	118		End stone cribbing and landing.	
UEF4	130		Install 5 feet of stone cribbing to create a landing. The crib height ranges to from 12" to 16".	2.4
	135		End stone cribbing and landing.	
	141		End stone steps. Install 19 feet of stone cribbing.	2.4
	160		End stone cribbing. Install 2 stone steps.	2.2
	163		End stone steps. Install 16 feet of stone cribbing with a height ranging from 12" to 18".	2.4
	169	REF: Trail passes between dead oak on the right and a boulder on the left with a view.		
	179		End stone cribbing. Install 3 stone steps.	2.2
UEF5	183		End stone steps. Install 13 feet of stone cribbing ranging in height from 16" to 20".	2.4
	196		End stone cribbing. Install 4 stone steps.	2.2
	201		End stone steps. Install 23 feet of stone cribbing ranging in height from 22" to 26".	2.4
	216	REF: 6" oak on the left.		
	224		End stone cribbing. Install 3 stone steps.	2.2
	228		End stone steps. Install 14 feet of stone cribbing ranging in height from 15" to 20".	2.4

PHOTO #	DISTANCE FT	COMMENTS	WORK NEEDED	SPEC #
UEF6	242	REF: 14" Pitch pine on the left.	End stone cribbing. Install 47 feet of stone cribbing ranging in height from 12" to 24".	2.4
UEF7	289	REF: Top of ledge.	End stone cribbing. Install 30 feet of stone cribbing ranging in height from 12" to 18". Backfill with crushed stone to create drainage lense. Install geotextile under tread surfacing.	2.4 3.3
	319		End stone cribbing. Transition to tread on level.	
UEF8	333		Install 2 stone steps.	2.2
	336		End stone steps. Install 17 feet of stone cribbing ranging in height from 16" to 20".	2.4
	353	REF: Large boulder on the left.	End stone cribbing.	
UEF9	360		Install 63 feet of stone cribbing ranging in height from 12" to 30".	2.4
UEF10	423		End stone cribbing. Level and fill tread beyond.	
UEF11	430	REF: Trail intersects the old Appalachian Trail.	Obliterate and revegetate old trail route.	
	467	REF: 6" oak on the left.		
UEF12	474		Install 8 stone steps down toward intermittent stream.	2.2
UEF12B	484		End stone steps. Stone pave crossing of intermittent stream. Paving should be 6 feet wide by 13 feet long. Install a 6" deep by 12" wide channel for low water flow.	2.5
	490		End stone paving. Install 3 stone steps.	2.2

PHOTO #	DISTANCE FT	COMMENTS	WORK NEEDED	SPEC #
UEF12A	494		End stone steps.	
UEF13	495	REF: Tread enters onto ledge.		
	505	Ledge ends.	Install 24 feet of stone cribbing ranging in height from 20" to 24". Stone pave the last 8 feet of tread.	2.4
	529		End stone cribbing. Install 4 stone steps.	2.2
	534		End stone steps. Install 6 feet of full bench cut.	2.1
UEF14	540		End bench cut. Install 31 feet of stone cribbing ranging in height from 20" to 36".	2.4
	571		End stone cribbing. Install 31 feet of stone paving so that tread surface is 6" to 13" above the surrounding grade.	2.5
UEF15	602		End stone paving. Install 11 feet of stone cribbing ranging in height from 12" to 15". Cut and fill will be required to create the 5 foot tread width.	2.4
UEF16, 17, 18	613	REF: Blowdown	End stone cribbing. Remove blowdown. Install 86 feet of stone cribbing ranging in height from 20" to 30".	2.4
UEF19	678	REF: 6" black birch grown into rock on the right.	Tread width reduces to 4 feet due to side slope.	
UEF20	699	REF: Nose of ledge.	End stone cribbing. Install 26 feet of stone cribbing ranging in height from 36" to 48".	2.4
	725		End stone cribbing. Install 70 feet of stone cribbing ranging in height from 24" to 36".	2.4

PHOTO #	DISTANCE FT	COMMENTS	WORK NEEDED	SPEC #
UEF21	795		End stone cribbing. Install 42 feet of stone cribbing ranging in height from 20" to 30". Tread widens to 5 feet.	2.4
UEF22	814	REF: View to left. Trail turns to the right.		
UEF23	837	Ledge on right.	End stone cribbing. Install 38 feet of stone cribbing ranging in height from 12" to 20". Cut and fill to create 5 foot tread width.	2.4
UEF24	875		End stone cribbing. Install 20 feet of stone cribbing ranging in height from 26" to 30".	2.4
UEF25 UEF26	895		End stone cribbing. Install 46 feet of full bench cut. Tread grade should be at 10 percent.	2.1
UEF27	941		End full bench cut. Install 5 feet of stone cribbing ranging in height from 16" to 20".	2.4
	946		End stone cribbing. Install 2 stone steps.	2.2
	949		End stone steps. Install 5 feet of stone cribbing ranging in height from 16" to 20".	2.4
	954		End stone cribbing. Install 2 stone steps.	2.2
UEF28	957		End of stone steps. Install 4 feet of stone cribbing.	2.4
	961	REF: Ledge in trail.	End stone cribbing. Install 6 stone steps.	2.2
	968		End stone steps. Install 11 feet of stone cribbing ranging in height from 12" to 20" across ledge.	2.4

PHOTO #	DISTANCE FT	COMMENTS	WORK NEEDED	SPEC #
	979	Visible ledge ends.	End stone cribbing. Install 16 feet of stone cribbing ranging in height from 12" to 18".	2.4
UEF29	995		End stone cribbing. Install 7 stone steps.	2.2
	1003		End stone steps. Install 10 feet of stone cribbing.	2.4
	1013		End stone cribbing. Install 2 stone steps.	2.2
	1016		End stone steps.	
UEF30	1018	REF: Ledge view on the left.	Install 50 feet of stone cribbing ranging in height from 12" to 18".	2.4
UEF31	1068		End stone cribbing. Install 4 stone steps.	2.2
UEF32	1072		End stone steps. Install 16 feet of stone cribbing with ave. height of 18".	2.4
	1088		End stone cribbing. Install 2 stone steps.	2.2
	1098		End stone steps. Install 3 feet of stone cribbing.	2.4
UEF33	1101		End stone cribbing. Install 13 stone steps.	2.2
UEF34	1118	Trail turns left at top of a ledge.	End stone steps. Install 17 feet of stone cribbing with ave. height of 20".	2.4
	1135		End stone cribbing. Install 2 stone steps.	2.2
	1138		End stone steps. Install 47 feet of stone cribbing ranging in height from 18" to 24".	2.4
UEF35	1185		End stone cribbing. Install 3 stone steps.	2.2

PHOTO #	DISTANCE FT	COMMENTS	WORK NEEDED	SPEC #
	1189		End stone steps. Install 8 feet of stone cribbing ranging in height from 12" to 18".	2.4
UEF36	1197		End stone cribbing. Install 7 stone steps.	2.2
	1205		End stone steps. Install 5 feet of stone cribbing.	2.4
	1210		End stone cribbing. Install 4 stone steps.	2.2
	1215		End stone steps. Install 6 feet of stone cribbing.	2.4
	1221		End stone cribbing. Install 3 stone steps.	2.2
	1225		End stone steps. Install 10 feet of stone cribbing.	2.4
UEF37	1235		End stone cribbing. Install 2 stone steps.	2.2
UEF38	1238		End stone steps. Install 47 feet of stone cribbing ranging in height from 18" to 24".	2.4
	1275		End stone cribbing. Install 3 stone steps.	2.2
	1279		End stone steps. Install 34 feet of stone cribbing.	2.4
UEF39	1313		End stone cribbing. Install 12 stone steps.	2.2
	1325		End stone steps. Install 6 feet of stone cribbing.	2.4
	1331		End stone cribbing. Install 8 stone steps.	2.2
	1341		End stone steps. Install 6 feet of stone cribbing.	2.4
UEF40	1347		End stone cribbing. Install 3 stone steps.	2.2

PHOTO #	DISTANCE FT	COMMENTS	WORK NEEDED	SPEC #
UEF41	1351		End stone steps. Install 49 feet of stone cribbing ranging in height from 15" to 24".	2.4
UEF42	1400		End stone cribbing. Install 5 stone steps.	2.2
	1407		End stone steps. Install 40 feet of stone cribbing with an ave. height of 18".	2.4
UEF43	1446	REF: Trail crosses over ledge at ridge.		
	1447		End stone cribbing. Fill 26 feet to create tread across level area.	
UEF44	1473		Install 42 feet of full bench cut.	2.1
UEF45	1515	Trail ascends.	End full bench cut. Remove duff on 43 feet of trail and install gravel surfacing.	2.9
	1558		End duff removal. Install 3 stone steps.	2.2
UEF46	1562		End stone steps. Install 38 feet of stone cribbing ranging in height from 16" to 20".	2.4
	1600		End stone cribbing. Install 20 feet of full bench cut.	2.1
UEF47	1620		End full bench cut. Remove duff on 28 feet of trail and install gravel surfacing.	2.9
UEF48	1648		End duff removal. Install 14 feet of stone cribbing ranging in height from 12" to 15".	2.4
	1655	REF: Ledge in trail.		

PHOTO #	DISTANCE FT	COMMENTS	WORK NEEDED	SPEC #
	1662		End stone cribbing. Install 18 feet of full bench cut.	2.1
UEF49	1680		End full bench cut. Install 28 feet of stone cribbing ranging in height from 20" to 30".	2.4
	1708		End stone cribbing.	
UEF50	1710		Install 10 stone steps.	2.2
	1722		End stone steps. Install 7 feet of stone cribbing (both sides) ranging in height from 24" to 30" on the lower side to 16" to 18" on the upper side.	2.2
	1725		Install a stone culvert 18" wide by 18" high.	3.1
	1729		End stone cribbing. Install 3 stone steps.	2.2
UEF51	1733		End stone steps. Remove duff from 47 feet of trail and install gravel surfacing.	2.9
UEF52	1780		End duff removal. Install 5 stone steps.	2.2
	1786		End stone steps. Install 8 feet of stone cribbing on both sides of the trail.	2.4
UEF53	1794		End stone cribbing. Install 8 stone steps.	2.2
	1804		End stone steps. Install 8 feet of stone cribbing.	2.4
	1812		End stone cribbing.	
UEF54	1815	REF: Large flat ledge.	Use ledge as tread.	

PHOTO #	DISTANCE FT	COMMENTS	WORK NEEDED	SPEC #
	1821	End of large flat ledge.	Remove duff from 12 feet of trail and install gravel surfacing.	2.9
	1833		End duff removal. Install 9 feet of stone cribbing with an ave. height of 12".	2.4
	1842		End of stone cribbing. Remove duff from 13 feet of trail and install gravel surfacing.	2.9
	1855		End duff removal. Install 20 feet of stone cribbing.	2.4
UEF55	1875		End of stone cribbing. Install 55 feet of full bench cut.	2.1
	1915	REF: Large flat stone in tread.	Cut up stone and use for steps above.	
	1930		End of full bench cut. Install 24 feet of stone cribbing ranging in height from 12" to 16".	2.4
	1954		End stone cribbing.	
UEF56	1955	REF: 14" oak on the right.		
	1957		Install 23 feet of stone cribbing ranging in height from 12" to 16".	2.4
	1963	REF: 10" oak on the right.		
	1980		End stone cribbing.	
UEF57	1982	REF: Split rock on the right.	Install 52 feet of stone cribbing with an ave. height of 18".	2.4
	1995		Begin pinning stone crib at this point.	
UEF58	2034		End stone cribbing. Install 3 stone steps.	2.2

PHOTO #	DISTANCE FT	COMMENTS	WORK NEEDED	SPEC #
	2038		End stone steps. Install 8 feet of stone cribbing ranging in height from 12" to 27".	2.4
	2046	REF: Top of ledge.	End stone cribbing. Install 2 stone steps.	2.2
UEF59	2049		End stone steps. Install 37 feet of stone cribbing.	2.4
UEF60	2086		End stone cribbing. Install 30 feet of stone cribbing on both sides ranging in height from 24" to 30" on the lower side and 9" to 12" on the upper side. Install 6 foot drainage lense at the lowest point.	2.4 3.3
	2116		End stone cribbing. Install 3 stone steps.	2.2
	2120		End stone steps. Install 3 feet of stone cribbing.	2.4
	2123		End of stone cribbing. Install 4 stone steps.	2.2
	2128		End stone steps.	
UEF61	2130	REF: 12" oak on the left.	Install 82 feet of stone cribbing ranging in height from 24" to 30".	2.4
	2164	REF: 18" oak on the left.		
UEF62	2169	REF: 2 stones in tread.		
	2201	REF: White oak on the right.		
	2212		End stone cribbing. Install 2 stone steps.	2.2
	2215		End stone steps. Install 45 feet of stone cribbing ranging in height from 24" to 30".	2.4

PHOTO #	DISTANCE FT	COMMENTS	WORK NEEDED	SPEC #
UEF63	2260		End stone cribbing. Install 2 stone steps.	2.2
	2263		End stone steps. Install 7 feet of stone cribbing ranging in height from 30" to 36".	2.4
UEF64	2270		End of stone cribbing. Install 2 stone steps.	2.2
	2273		End stone steps. Install 31 feet of stone cribbing ranging in height from 18" to 36". Pin crib stones across ledge.	2.4
UEF65	2297	REF: 5" hickory on the right.		
	2304	Swale	End stone cribbing. Install stone culvert 2 feet wide by 12 inches deep. Culvert will be about 7 feet long.	3.1
	2308		Install 12 feet of stone cribbing.	2.4
UEF66	2320		End of stone cribbing. Install 6 stone steps.	2.2
	2327		End stone steps. End stone cribbing. Install 51 feet of stone cribbing ranging in height from 16" to 24".	2.4
UEF67	2344	REF: Trail passes between oak on left and boulder on the right..	Cut 2 to 3 feet off of the boulder on the right.	
UEF68	2378	REF: Boulder on the left and 4" maple on the right.	End of stone cribbing. Install 2 stone steps.	2.2
UEF69	2381		End stone steps. Install 15 feet of turnpike.	2.7
	2396		End of turnpike. Install 2 stone steps.	2.2

PHOTO #	DISTANCE FT	COMMENTS	WORK NEEDED	SPEC #
UEF70	2399		End stone steps. Install 8 feet of stone cribbing ranging in height from 6" to 20".	2.4
	2407		End stone cribbing. Install 6 feet of full bench cut.	2.1
	2413		End full bench cut. Install 4 stone steps.	2.2
	2418		End stone steps. Install 9 feet of stone cribbing ranging in height from 0" to 18".	2.4
	2427		End stone cribbing. Install 2 stone steps.	2.2
	2430		End stone steps. Install 6 feet of stone cribbing and cut into hillside to create tread width.	2.4
	2436		End stone cribbing. Install 3 stone steps.	2.2
	2440		End stone steps. Install 6 feet of stone cribbing and cut into hillside to create tread width.	2.4
	2446		End stone cribbing. Install 8 stone steps.	2.2
	2456		End stone steps. Install 14 feet of stone cribbing ranging in height from 24" to 30".	2.4
UEF71	2470		End stone cribbing. Install 18 stone steps (last 3 steps get trail over old sewer line).	2.2
UEF72	2486	REF: Broken concrete box and old sewer line on the left.		

PHOTO #	DISTANCE FT	COMMENTS	WORK NEEDED	SPEC #
UEF73	2492		End stone steps. Install 14 feet of stone cribbing ranging in height from 24" to 65" all of which has to be pinned. Install coping stones along top of crib wall due to drop off.	2.4 2.6
UEF74	2506		End stone cribbing. Install 28 feet of stone cribbing ranging in height from 12" to 40" across hole in terrain.	2.4
	2534		End stone cribbing. Install 5 stone steps.	2.2
	2540		End stone steps. Install 13 feet of stone cribbing ranging in height from 16" to 20".	2.4
UEF75 UEF76	2553		End stone cribbing. Install 20 stone steps with a 5 foot landing at some point in the staircase.	2.2
UEF77	2593		End of stone steps. Junction with existing Appalachian Trail. Grub out and install gravel tread for 44 feet.	
UEF78	2637		End of gravel tread. Install 5 stone steps.	2.2
	2643		End stone steps. Install gargoyles on both sides of steps and above steps to retain surfacing.	2.3
UEF79	2646	REF: 12" oak with white blaze on the left.		
	2649		Install 6 stone steps.	2.2
	2657		End stone steps. Install gravel surfacing at a 10 percent grade above steps.	
UEF80	2668		Install 5 stone steps.	2.2

PHOTO #	DISTANCE FT	COMMENTS	WORK NEEDED	SPEC #
	2674		End stone steps. Install 8 feet of stone cribbing with an ave. height of 12".	2.4
	2682		End stone cribbing. Install 5 stone steps.	2.2
	2690		End stone steps. Install 14 feet of stone cribbing with ave. height of 18".	2.4
UEF81	2704		End stone cribbing. Install 12 stone steps.	2.2
	2719		End stone steps. Install 5 feet of stone cribbing with an ave. height of 18" to create a landing.	2.4
UEF82	2724		End stone cribbing. Install 8 stone steps.	2.2
	2734		End stone steps. Install 10 feet of stone cribbing.	2.4
UEF83	2744		End stone cribbing. Install 12 foot drain to the left. Install 10 feet of pinned stone cribbing to build up tread thus creating ditch on the left side of trail.	2.4
	2754		End stone cribbing and ditch on left. Install 3 stone steps (may need to be pinned).	2.2
	2758		End stone steps. Install 6 feet of pinned stone cribbing.	2.4
UEF84	2764		End stone cribbing. Install 6 stone steps (may need to be pinned).	2.2
	2772		End stone steps. Install 5 feet of pinned stone cribbing to block gap in ledge.	2.4

PHOTO #	DISTANCE FT	COMMENTS	WORK NEEDED	SPEC #
UEF85	2777		End stone cribbing. Install 32 feet of pinned stone cribbing ranging in height from 12" to 18".	2.4
UEF86	2809		End stone cribbing. Install 15 stone steps up 116" rise.	2.2
UEF87	2828		End stone steps. Install 14 feet of pinned stone cribbing.	2.4
	2842		End stone cribbing. Install 2 stone steps. Install about 15 feet of gargoyles/coping stones along steps to contain hiker traffic.	2.2 2.3 2.6
	2845		End of stone steps. Install 10 feet of pinned stone cribbing with an ave. height of 18".	2.4
UEF88	2855		End stone cribbing. Install 9 stone steps up along ledge on the right.	2.2
	2866		End stone steps. Tread continues on ledge.	
UEF89	2874	REF: Edge of pavement. Old chiseled sign in ledge on the left.	Protect old sign during construction and from hikers after construction is complete.	
UEF90 UEF91			Rework pavement to divert water run-off from flowing down trail. Route trail to right along ledge once the trail is at the top. See photos for work needs.	
		END OF TRAIL CONSTRUCTION WORK LOG		