

**Project:** Charlotte Cohousing Trail

**Location:** Charlotte, VT

**Charlotte Town Link Trail - Cohousing Trail**

Begin	End	Length	Photo	Existing Condition	Design Directive
0	0	0		Start of trail at bridge	
0	25	25	1	Water draining from field on left, small gully developing due to erosion	Install culvert with stone rip rap to prevent erosion at entrance and exit, install crushed stone under tread to elevate tread and allow for drainage
25	69	44		Slight rise in elevation	Bench trail 6-8" and maintain grade reversal, install geotextile fabric and surfacing
69	69	0	2	Water draining from field on left, small gully developing due to erosion	Install drainage structure with cobble stone, cover with fabric and install surfacing
69	413	344		Gentle grades with no obvious drainage issues	Bench trail 6-8" and maintain grade reversal, install geotextile fabric and surfacing
413	516	103	3	Some standing water but no obvious drainage issues leading to erosion	Bench trail and install crushed stone to ensure drainage below the geotextile fabric
516	589	73		Gentle grades with no obvious drainage issues	Bench trail 6-8" and maintain grade reversal, install geotextile fabric and surfacing
589	589	0	4	Water draining from field on left, small gully developing due to erosion	Install culvert with stone rip rap to prevent erosion at entrance and exit, install crushed stone under tread to elevate tread and allow for drainage

Begin	End	Length		Existing Condition	Design Directive
589	690	101		Gentle grades with no obvious drainage issues	Bench trail 6-8" and maintain grade reversal, install geotextile fabric and surfacing
690	690	0	5	Water draining from field on left, small gully developing due to erosion	Install culvert with stone rip rap to prevent erosion at entrance and exit, install crushed stone under tread to elevate tread and allow for drainage
690	731	41		Standing water and erosion from field on left	Install a Drainage Lense to ensure water flow below the trail tread
731	786	55		Gentle grades with no obvious drainage issues	Bench trail 6-8" and install geotextile fabric and surfacing
786	786	0	6	Water draining from field on left, small gully developing due to erosion, standing water present	Install culvert with stone rip rap to prevent erosion at entrance and exit, install crushed stone under tread to elevate tread and allow for drainage
786	849	63	7	Some standing water but no obvious drainage issues leading to erosion	Bench trail and install crushed stone to ensure drainage below the geotextile fabric
849	1020	171			Bench Trail into hillside at foot of cliff on right. Remove only small trees, surface to 5' wide.
1020	1060	40		Gentle grades with no obvious drainage issues	Bench trail 6-8" and install geotextile fabric and surfacing
1060	1060	0	8	Water draining from field on left, small gully forming due to erosion	Install culvert with stone rip rap to prevent erosion at entrance and exit, install crushed stone under tread to elevate tread and allow for drainage
1060	1396	336	9, 10	Standing water present with no gullying present	Install a Drainage Lense to ensure water flow below the trail tread

Begin	End	Length		Existing Condition	Design Directive
1396	1396	0	11, 12	Water draining from field on left, small gully forming due to erosion	Install cobble stone to enhance drainage, install geotextile fabric to separate surfacing
1396	1496	100	13	Standing water present with no gulying present	Install a Drainage Lense to ensure water flow below the trail tread
1496	1684	188		Gentle grades with no obvious drainage issues	Bench trail 6-8" and install geotextile fabric and surfacing
1684	1684	0	14	Water draining from field on left, small gully forming due to erosion	Install culvert with stone rip rap to prevent erosion at entrance and exit, install crushed stone under tread to elevate tread and allow for drainage
1684	1955	271		Gentle grades with no obvious drainage issues	Bench trail 6-8" and install geotextile fabric and surfacing
1955	2127	172	15	Existing trail drops down a short steep section as it connects to the Berry Farm Access Trail	Reroute trail to the left and follow contours to reconnect with Berry Farm Access Trail. Bench trail 6-8" and install Geotextile Fabric and Surfacing
2127	2127	0		Connection with Berry Farm Access Trail	
2127	2415	288	16	Trail is aligned on earthen dam	Bench trail 6-8" and install geotextile fabric and surfacing
2415	2415	0		Existing trail alignment drops down a grade greater than 15%	Reroute trail to the right and follow the gentle grades down towards a switchback to the left

Begin	End	Length		Existing Condition	Design Directive
2415	2530	115	17		Bench trail 6-8" and install geotextile fabric and surfacing
2530	2530	0		Drainage from left crosses trail alignment. This area acts as a bowl that captures water.	Install culvert with stone rip rap to prevent erosion at entrance and exit, install crushed stone under tread to elevate tread and allow for drainage
2530	2849	319	18, 19	New trail alignment is along the crosslope	Maintain sustainable running grades and bench trail 6-8" into hillside, install geotextile fabric and surfacing
2849	2849	0		Junction with existing trail alignment	
2849	2885	36	20	There is a large gully to the right of the trail alignment. This appears to be growing due to drainage from the field on the upper right.	The trail should be installed above this gully to prevent users from getting too close to the gully. A preventative drainage structure will be needed to ensure that the gully does not grow larger.
2885	3200	315		Gentle grades with no obvious drainage issues	Bench trail 6-8" and install geotextile fabric and surfacing
3200	3200	0	21	Water draining from field on left, small gully forming due to erosion	Install cobble stone to enhance drainage, install geotextile fabric to separate surfacing
3200	3464	264		Gentle grades with no obvious drainage issues	Bench trail 6-8" and install geotextile fabric and surfacing
3464	3464	0		Trail ends near Rte 7	