

Temporary Erosion Control Seed Mix			
		Seeding Rate lb/ac	% of Mix Component
Common Name	Scientific Name		
Canada/Nodding Wild Rye	<i>Elymus canadensis</i>	4	10
Winter Wheat	<i>Triticum spp.</i>	16	40
Oats	<i>Avena sativa</i>	16	40
Virginia Wild Rye	<i>Elymus virginicus</i>	4	10
Cover Crop Totals:		40	100

Temporary Seeding Assumptions: Project will disturb an estimated 2' wide path for removal of topsoil and berm construction across project length less boardwalks and bridges areas. The estimated quantity is for the temporary seeding of 6.0 acres @ 40 lbs. /ac. is 240 lbs.

Mulch – Use certified weed-free straw mulch or approved weed free equivalent @ 2 tons per acre. Temporary seeding estimated @ 6 acres * 2 tons per acre or 12 tons.

Use native duff in place of weed free straw wherever possible. Wood chips made from the woody materials created as a result of the corridor clearing is also an acceptable alternative to weed-free straw.

Permanent Erosion Control Seed Mix			
		Seeding Rate lb/ac	% of Mix Component
Common Name	Scientific Name		
Fringed Brome Grass	<i>Bromus ciliatus</i>	2	6
Bluejoint	<i>Calamagrostis canadensis</i>	0.13	0.4
Poverty Grass	<i>Danthonia spicata</i>	0.5	1.5
Canada Wild Rye	<i>Elymus canadensis</i>	1.25	4
Slender Wheatgrass	<i>Elymus trachycaulus</i>	2	6
Fowl Bluegrass	<i>Poa palustris</i>	1	3
False Melic	<i>Schizachne purpurascens</i>	0.25	1
Total Grasses:		7.13	21.9
Oats	<i>Avena sativa</i>	25.0	78.1
Cover Crop Totals:		32.13	100

Permanent Seeding Assumptions: Project will require have natural seed in duff layer in topsoil with an estimated 20% will need to be permanently seeded. Twenty % of the estimated temporary seed quantity 6.0 acres is 1.2 acres @ 32.13 lbs. /ac. or 38 lbs. for the permanent seed mixture.

Mulch – Use certified weed-free straw mulch or approved weed free equivalent @ 2 tons per acre. Permanent seeding estimated @ 1.2 acres * 2 tons per acre or 2.4 tons

Use native duff in place of weed free straw wherever possible. Wood chips made from the woody materials created as a result of the corridor clearing is also an acceptable alternative to weed-free straw.