High-Traffic Inslope

Abbreviation: HTI

Purpose:	**Inslopes within 15' of shoulder and standard width medians on roads with 30,000+ cars per day (AADT). Sun or part shade, moderate soil moisture, mowed two or more times per year.**
Planting Area:	**Statewide;** **Not suitable for use adjacent to public natural areas (e.g., parks, waterfowl production areas, scientific and natural areas), mapped native plant communities, and/or mapped sites of biodiversity significance.**
Replaces:	**25-141**
Cost Estimate:	**$500/acre (25-141 averages $320)**

Common Name	Scientific Name	Rate (lb/ac)	% of Mix (by weight)	% by Seed	Seeds/ sq ft
Side-oats Grama	*Bouteloua curtipendula*	4.00	6.67%	1.04%	8.82
Smooth Brome	*Bromus inermis*	7.00	11.67%	2.71%	22.96
Slender Wheatgrass	*Elymus trachycaulus*	2.00	3.33%	0.60%	5.07
Virginia Wild Rye	*Elymus virginicus*	5.00	8.33%	0.91%	7.71
Sheep Fescue	*Festuca ovina*	8.00	13.33%	11.50%	97.34
Perennial Ryegrass	*Lolium perenne*	12.00	20.00%	7.06%	59.78
Timothy	*Phleum pratense*	2.00	3.33%	6.67%	56.47
Fowl Bluegrass	*Poa palustris*	4.00	6.67%	22.57%	191.00
Kentucky Bluegrass	*Poa pratensis*	11.00	18.33%	41.47%	350.97
	Grasses Subtotal	**55.00**	**91.66%**	**94.54%**	**800.12**
White Prairie Clover	*Dalea candida*	0.75	1.25%	0.62%	5.23
Purple Prairie Clover	*Dalea purpurea*	0.75	1.25%	0.49%	4.13
Alfalfa	*Medicago sativa*	2.00	3.33%	1.23%	10.41
White Clover	*Trifolium repens*	1.30	2.17%	2.51%	21.24
Hairy Golden Aster	*Heterotheca villosa*	0.20	0.33%	0.61%	5.14
	Forbs Subtotal	**5.00**	**8.33%**	**5.46%**	**46.17**
	Total	**60.00**	**100%**	**100%**	**846.29**

Changes since 2014 mixes:

- Canada bluegrass replaced with Sheep Fescue due to invasiveness concerns
- Added virginia wild rye and increased slender wheatgrass to increase cool season grass diversity
- Switchgrass replaced with Sideoats Grama to be more compatible with growth retardant management at guardrails
- Added prairie clovers to increase legume diversity and decrease attractiveness to deer
- Added hairy golden aster to aid in recolonizing roadside disturbances
- Reduced amount of alfalfa and white clover to reduce attractiveness to deer

Back to Seed Mix Index