



## 6.6 Attractive roadside corridors

Roadside corridors can be designed and managed to create a pleasant driving environment, save maintenance costs, and reduce driver stress. Create visual interest with plant color, texture, form, and height. At speeds over 40 mph, the area that is greater than 40 feet from the side of the road will have more detail and will be more important visually. See sections 5.5 to 5.7.

### 6.6 References

- Akbar, K.F.; Hale, W.H.G.; Headley, A.D. 2003. Assessment of scenic beauty of the roadside vegetation in northern England. *Landscape and Urban Planning*. 63: 139-144.
- Brush, R.; Chenoweth, R.E.; Barman, T. 2000. Group differences in the enjoyability of driving through rural landscapes. *Landscape and Urban Planning*. 47: 39-45.
- Cackowski, J.M.; Nasar, J.L. 2003. The restorative effects of roadside vegetation: implications for automobile driver anger and frustration. *Environment and Behavior*. 35: 736-751.
- Clay, G.R.; Daniel, T.C. 2000. Scenic landscape assessment: the effects of land management jurisdiction on public perception of scenic beauty. *Landscape and Urban Planning*. 49: 1-13.
- Cook, P.S.; Cable, T.T. 1995. The scenic beauty of shelterbelts on the Great Plains. *Landscape and Urban Planning*. 32: 63-69.
- Dwyer, J.F.; Schroeder, H.W.; Gobster, P.H. 1991. The significance of urban trees and forests: towards a deeper understanding of values. *Journal of Arboriculture*. 17: 276-284.

- Froment, J. and G. Domon. 2006. Viewer appreciation of highway landscapes: the contribution of ecologically managed embankments in Quebec, Canada. *Landscape and Urban Planning*. 78: 14-32.
- Hands, D.E.; Brown, R.D. 2002. Enhancing visual preference of ecological rehabilitation sites. *Landscape and Urban Planning* 58:57-70.
- Kaplan, R.; Kaplan, S.; Ryan, R.L. 1998. With people in mind: design and management of everyday nature. Washington DC: Island Press. 244 p.
- Kellomaki, S.; Savolainen, R. 1984. The scenic value of the forest landscape as assessed in the field and the laboratory. *Landscape Planning*. 11: 97-107.
- Mok, J.H.; Landphair, H.C.; Naderi, J.R. 2006. Landscape improvement impacts on roadside safety in Texas. *Landscape and Urban Planning*. 78: 263-274.
- Nelson, W.R., Jr. 1976. Esthetic considerations in the selection and use of trees in the urban environment. In: Gen. Tech. Rep. NE-22. Upper Darby: U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. 13-24 p.
- Sullivan, W.C.; Lovell, S.T. 2006. Improving the visual quality of commercial development at the rural-urban fringe. *Landscape and Urban Planning*. 77: 152-166.
- Summit, J.; Sommer, R. 1999. Further studies of preferred tree shapes. *Environment and Behavior*. 31: 550-576.
- Turner, D.S.; Mansfield, E.R. 1990. Urban trees and roadside safety. *Journal of Transportation Engineering*. 116: 90-104.
- Ulrich, R.S. 1973. Scenery and the shopping trip: the roadside environment as a factor in route choice. Michigan Geographical Publication No. 12. Ann Arbor, MI: University of Michigan.
- Ulrich, R. 1986. Human response to vegetation and landscapes. *Landscape and Urban Planning*. 13: 29-44.
- Wolf, K.L. 2003. Freeway roadside management: the urban forest beyond the white line. *Journal of Arboriculture*. 29: 127-136.