

**NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE STANDARD**

FOREST TRAILS AND LANDINGS

(Acre)

CODE 655

DEFINITION

An infrequently used route, travel-way or cleared area within a forest.

PURPOSES

- To provide access to forest stands for management including fire suppression..
- Provide access for removal and collection of forest products.
- Provide access to forested areas for recreation.
- Minimize on-site and off-site damage to resources during periods of access.

CONDITIONS WHERE PRACTICE APPLIES

On forested areas.

CRITERIA

Trails and landings will be of a size, gradient, number and location to accomplish removal and collection of forest products while minimizing adverse on-site and off-site impacts. Adverse impacts include, but are not limited to, accelerated erosion, riparian zone degradation, stream channel and streambank damage, other water resource damage, or unacceptable damage to vegetation or habitat.

Timing and use of equipment will be commensurate with site and soil conditions to maintain site productivity and minimize soil erosion, displacement and compaction, and protect cultural resources.

Slash, debris and vegetative material left on the site after construction will not present an

unacceptable fire or pest hazard or interfere with the intended purpose.

Water bars, rolling dips and other drainage management measures for trails and roads shall be of sufficient size, intervals and gradient for adequate drainage and erosion control.

Comply with applicable laws and regulations, including New Mexico Best Management Practices (BMPs).

All practices and procedures that involve ground-disturbing activities will be in compliance with applicable Cultural Resource Protection laws, regulations, and policies.

CONSIDERATIONS

Assure safe ingress and egress to site.

Locate landings and trails to preserve landscape aesthetics.

Trails and landings should be sufficiently revegetated to control erosion.

Landings and trails may be closed for erosion control, safety and liability, and reduced maintenance costs.

Landing and trails may be used for wildlife food and cover plantings.

Landings and trails may be utilized as firebreaks.

Landings and trails should minimize habitat fragmentation and not adversely impact wildlife movement and critical habitat.

PLANS AND SPECIFICATIONS

Plans will address proper design of trails and landings.

Conservation practice standards are reviewed periodically, and updated if needed. To obtain the current version of this standard, contact the Natural Resource Conservation Service.

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Specifications for applying this practice shall be prepared for each site and recorded using approved specification sheets, job sheets, technical notes, and narrative statements in the conservation plan or other acceptable documentation.

Specifications for revegetation of landings and trails should include selection of non-invasive species, timing, and method of application.

OPERATION AND MAINTENANCE

Periodic inspections of landings and trails will be conducted and necessary repairs applied to assure proper function of the practice. Examples of items that must be repaired include, but are not limited to, ruts, erosion areas, and depressions created by equipment movement or stored forest products.

Landings and trails utilized as firebreaks will be properly maintained to accomplish this purpose.

Detailed operation and maintenance requirements are addressed in the specification for this practice.

Periodic inspections during treatment activities are necessary to ensure that objectives are achieved and resource damage is minimized. Contact the

local NRCS conservationist immediately when unexpected problems, questions arise during practice installation.

References:

Adams Paul W., Soil Compaction on Woodland properties, Oregon State University Extension Circular 1109 Dated 09/1997

Garland, John J., Designated Skid Trails Minimize Compaction, Oregon State University Extension Circular 1110 Dated 09/1997

U.S.D.A. Forest Service, Region 3 FSH2509.22 - Soil and Water Conservation Practices Handbook, Dated 12/03/1990

Brozka, Robert J., New Mexico Natural Resources Department, Forestry Division, Water Quality Protection Guidelines for Forestry Operations in New Mexico Dated 03/1983

New Mexico Energy, Minerals and Natural Resources Department, Forestry and Resources Conservation Division New Mexico Forest Practices Guidelines Dated 10/1990

Internet References:

<http://eesc.orst.edu/AgComWebFile/EdMat/edmatindexfor.html>

<http://www.ianr.unl.edu/pubs/forestry/nfs/nfs-1.htm#roads>

<http://forestry.about.com/science/forestry/library/weekly/aa013000.htm?once=true&>

<http://www.forestry.uga.edu/efr/olddocs/docs/contract.html>

<http://www.metla.fi/info/vlib/Forestry/>