

Roads and Grounds Core Services

The Roads and Grounds Group provides basic core services for grounds maintenance functions throughout the laboratory. These basic services maintain the existing landscape features of the site. The group cannot accept additional maintenance responsibilities that are the result of new or improved landscaping projects at existing facilities, or from requests for landscape maintenance in restricted access areas where there is no opportunity for routine scheduled maintenance (e.g. inside fenced or posted road areas, berms and steep slopes, rooftops etc.). In most cases Roads and Grounds can assist with these kinds of requests at the landlord's expense and scheduled as overtime. A list of the current basic core services that customers can expect follows.

Snow removal – Snow removal and deicing service at a level comparable to local industry standards is provided on the main roadways and main parking areas of the site. Unneeded roadways and parking lots or sections of parking lots may be blocked off and may receive no snow removal service. The Roads and Grounds Group is responsible for some sidewalk snow removal at specific buildings around the site. In most cases the Division or Section Building Manager coordinates snow removal efforts for local walks and entrances. Coordination meetings and other communication between Roads and Grounds and Building Managers to define roles and responsibilities occurs each fall prior to the winter season.

Turf Mowing - Turf mowing is provided around houses, lab buildings and other physics related facilities. Mowing frequency is dependent on weather conditions. The limits and the mowing frequency of areas of the site will be determined by Roads and Grounds after considering aesthetics, available resources and environmental impacts.

Herbicide Applications – Integrated Pest Management (IPM) principles are used when assessing pest issues. Limited herbicide applications are provided for bare ground vegetation control once a year around structures, posts, guardrails and trees. Roads and Grounds does not routinely apply broadleaf weed control. Arrangements can be made with Roads and Grounds for broadleaf weed control, where infestations are apparent, at the expense of the requesting organization.

Leaf Mulching and Collection – Mulching mowers chop and mulch leaves in turf areas each fall. Large amounts of leaves that accumulate in loading docks, alcoves, entryways and other similar areas can be bagged for pickup by the local Building Manager or their designates and Roads and Grounds will pick up, haul and dispose. When work schedules and workloads permit, Roads and Grounds may be able to offer assistance collecting and bagging leaves.

Asphalt Maintenance – Pothole filling is provided on asphalt roadways and parking lots site wide. Striping and resurfacing is provided as resources allow for roadways. Parking lot striping, sealing and resurfacing are the responsibility of the Division/Section landlord. A Master Contract for asphalt services is maintained by Roads and Grounds and the Procurement Department. Other Divisions/Sections may make use of this contract as needed. That organization must provide the TM/CC.

Surface Grading – Simple surface grading of gravel drives, storage yards and hardstands is provided by the Roads and Grounds Group. Any further improvements to these areas, including hauling in new gravel, reconfiguring or adding more area must be financially supported by the requesting organization.

Drainage Systems Maintenance – Roads and Grounds maintains culvert and catch basins along roadways and replaces smaller culverts where needed. Where power rodding is required, FESS/Operations may be contacted for service. Large scale culvert and drainage system repairs and replacements are coordinated through FESS/Operations. Roads and Grounds makes small repairs to existing drainage system components in parking lots. The requesting organization is responsible for large scale repair or replacement of drainage systems adjacent to structures or in their parking lots.

“Return to original grade” ditch cleaning is done by Roads and Grounds to maintain roadway and process waterway ditches.

Tree Removal and Trimming - Basic tree removal service is provided by Roads and Grounds for trees and shrubs in the developed or ornamental parts of the site. Large scale, technical tree removal requiring a subcontracted tree removal service company will be done at the requesting organization’s expense. A Purchasing Agreement is maintained by Roads and Grounds and the Procurement department

for this subcontracted work. The requesting organization is responsible for Service Coordination efforts.

Sign Shop Service – Roads and Grounds is responsible for all required roadway, traffic and permanent directional signs on site. Funding is required for any other requested custom sign work.

Wildlife Management – General wildlife management service is provided by Roads and Grounds. This includes efforts to control nuisance animals outside of structures. The requesting organization is responsible for the costs of trapping activities and for any IDNR required euthanasia activities as the result of animal activity inside of buildings or structures.

Pest Control - Roads and Grounds maintains a subcontract with a company licensed for interior pest control. The subcontractor comes on site once per week to address problem areas. A list of interior pest problems for the week's service is maintained at the Roads and Grounds office. Requests for service can be made by calling extension 3303. Requests outside of the standard contract will be at the expense of the requesting organization.

Insecticides are occasionally applied by licensed Roads and Grounds staff members. Most of this activity is associated with the Mosquito Abatement Program. Based on the results of mosquito trapping data, Roads and Grounds sprays for adult mosquito control from 0-2 times per week. In addition, catch basins and other likely mosquito breeding areas are treated with larvicide during the mosquito season. Occasional infestations of insects on trees or shrubs in ornamental areas are also controlled by insecticiding. Divisions or Sections may be asked to bear some of the financial burden for severe infestations beyond the capabilities of the Roads and Grounds program.

Club and Recreation Support – Roads and Grounds supports official Fermilab clubs by providing several kinds of service. For the Horse Club, manure is hauled and composted a couple times per month, the pasture is mowed once per summer season and designated horse trails are mowed several times during the growing season. For the Garden Club, driveway maintenance and other miscellaneous requests are completed. For the Model Airplane Club, weekly turf grass mowing and seasonal turf care such as fertilizing is done. Other Recreation support includes herbiciding and tilling the softball infield, weekly mowing and

seasonally fertilizing the softball outfield, annually tilling the volleyball courts and weekly mowing and seasonal fertilizing of the soccer field.

Miscellaneous Landscape Maintenance – Roads and Grounds routinely makes small repairs to turf grass areas. Costs to cover repairs will be requested from organizations that cause ruts or other significant damage to turf areas. Turf and landscapes left in unsatisfactory conditions after construction projects, are not the responsibility of the Roads and Grounds group.

Roads and Grounds applies wood mulch to perennial beds and under trees as resources allow. This activity is repeated every 2-4 years depending on the location.

Roads and Grounds plants new trees only where appropriate and only using well adapted species. Organizations requesting new trees should contact the Roads and Grounds Group for approval.