

TRAILS AND WALKWAYS

DESIGN AND CONSTRUCTION DATA REQUIREMENTS

The following items must be addressed in the design folder for animal trails and walkways.

Field Data and Survey Notes:

1. Profiles showing grades of the area to be constructed.
2. Plan view with existing and planned drainageways, fences, barns, exercise lots, paddocks, and pastures.
3. Soils investigation documenting soil class and drainage characteristics, and depth to high water table.
4. Locate existing pipeline(s) and other features to be considered in design.

Design Data:

The following is a list of the minimum required design data:

1. Plan view of area with dimensions and existing and planned fences, barns, exercise lots, paddock, and pastures as appropriate. Including connection to Heavy Use Area and/or transition into pastures or paddocks.
2. Document compliance with PA One-Call if there is excavation planned.
3. E&S Control Plan.
4. Profiles of the area showing grades and thicknesses of cuts, fills, base and binder

courses, geotextile and surface treatment as applicable.

5. Cross section(s) of trail or walkway(s) showing full section of all materials, with center crown or slope to one side.
6. Locations and designs of surface water controls, water bars, drainage structures, and outlets, as needed.
7. Identify borrow source and/or spoil area.
8. Vegetation plan.
9. Fencing plan.
10. Safety features, as needed.
11. Details of water control structures and other appurtenances.
12. Quantities.
13. O&M Plan, including expected application types, amounts, and frequency of dust suppressants, if needed.
14. Identify permit needs, where applicable.
15. Attach Specification PA575, and others as applicable, such as PA561, PA578, PA528, PA472, PA382, PA373, PA587.

Construction Check Data:

1. Profile of completed walkway/trail.
2. Minimum one cross section of walkway/trail for each design reach.
3. Notes on acceptability of all materials, their dimensions, and methods of placement.