

Effects of NRCS Conservation Practices - National

Access Road

A travel-way for equipment and vehicles constructed as part of a conservation plan.

Code: 560
Units: ft.

AL-Asso Land
 W-Water
 O-Other
 D-Developed
 RS-Forestland
 RI-Rangeland
 PR-Perennial
 P-Perennial
 R-Rangeland
 F-Forage
 F-Forest
 C-Crop

Typical Landuse:

C F R P Pr FS D O AL

<u>Soil Erosion</u>	<u>Effect</u>	<u>Rationale</u>
Soil Erosion - Sheet and Rill Erosion	0	Not Applicable
Soil Erosion - Wind Erosion	0	Winds acting on the road edges that are routinely graded may cause saltation, creep, and suspension of soil particles.
Soil Erosion - Ephemeral Gully Erosion	1	Road will intercept runoff and break up gullies. A slight worsening may occur from runoff water in side-road drainage ditches.
Soil Erosion - Classic Gully Erosion	-1	Water control structures will concentrate flows in drainage ditches.
Soil Erosion - Streambank, Shoreline, Water Conveyance (0	Not Applicable
<u>Soil Quality Degradation</u>		
Organic Matter Depletion	0	Not Applicable
Compaction	2	Traffic is confined to road areas.
Subsidence	0	Not Applicable
Concentration of Salts or Other Chemicals	0	Not Applicable
<u>Excess Water</u>		
Excess Water - Seeps	0	Not Applicable
Excess Water - Runoff, Flooding, or Ponding	-1	Road will create ponding opportunities.
Excess Water - Seasonal High Water Table	0	Not Applicable
Excess Water - Drifted Snow	-2	Roads create landscape breaks increasing snow trapping and drifting.
<u>Insufficient Water</u>		
Insufficient Water - Inefficient Use of Irrigation Water	2	Road will provide better farm and irrigation equipment access.
Insufficient Water - Inefficient Moisture Management	0	Not Applicable
<u>Water Quality Degradation</u>		
Pesticides in Surface Water	0	Not Applicable
Pesticides in Groundwater	0	Not Applicable
Nutrients in Surface water	0	Not Applicable
Nutrients in Groundwater	0	Not Applicable
Salts in Surface Water	0	Not Applicable
Salts in Groundwater	0	Not Applicable
Excess Pathogens and Chemicals from Manure, Bio-soli	0	Potential for slight increase in surface runoff where access road used for haul road for manure distribution.
Excess Pathogens and Chemicals from Manure, Bio-soli	0	Not Applicable
Excessive Sediment in Surface Water	1	Interception of runoff.

Elevated Water Temperature	0	Not Applicable														
Petroleum, Heavy Metals and Other Pollutants Transport	0	Not Applicable														
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<i>Air Quality Impacts</i>																
Emissions of Particulate Matter (PM) and PM Precursors	0	Vehicular traffic on farm roads can contribute to fugitive dust. However, the standard has a surfacing criterion to address particulate emissions.														
Emissions of Ozone Precursors	0	Not Applicable														
Emissions of Greenhouse Gases (GHGs)	0	Not Applicable														
Objectionable Odors	0	Not Applicable														
<i>Degraded Plant Condition</i>																
Undesirable Plant Productivity and Health	2	Improved access increases ability to manage stands.														
Inadequate Structure and Composition	5	Adapted and suited species are selected for this practice by reference to Critical Area Planting, 342.														
Excessive Plant Pest Pressure	-1	Roads may provide an environment for weeds.														
Wildfire Hazard, Excessive Biomass Accumulation	4	Roads provide firebreaks and access to sites for fuel reduction activities.														
<i>Fish and Wildlife - Inadequate Habitat</i>																
Inadequate Habitat - Food	0	Not Applicable														
Inadequate Habitat - Cover/Shelter	0	Not Applicable														
Inadequate Habitat - Water	0	Not Applicable														
Inadequate Habitat - Habitat Continuity (Space)	-2	Roads reduce and fragment space.														
<i>Livestock Production Limitation</i>																
Inadequate Feed and Forage	0	Not Applicable														
Inadequate Shelter	0	Not Applicable														
Inadequate Water	0	Not Applicable														
<i>Inefficient Energy Use</i>																
Equipment and Facilities	0	Not Applicable														
Farming/Ranching Practices and Field Operations	0	Not Applicable														
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