

Practice: 644 - Wetland Wildlife Habitat Management

Scenario: #2 - Creation of Turtle Nesting Habitat

Scenario Description: The creation of turtle nesting habitat through a combination of the following activities: clearing vegetation, stripping loam, and scarifying the soil.. Usually in Upland areas (suitable for turtle nesting habitat) that are adjacent to wetlands, rivers, lakes and streams. This provides benefits for Fish and Wildlife: Inadequest Space.

Before Situation: Areas adjacent to wetland, rivers, lakes and streams do not have adequest turtle nesting habitat. Turtles have to travel excessive distances to find nesting sites. This situation can increase the mortality of the local population and impact the repopulation of the species.

After Situation: Turtle nesting habits is created adjacent to wetland, rivers, lakes and streams. Turtles are less likley to be killed crossing roads and by predation. The typical size of the installed practice is 1.0 acres.

Scenario Feature Measure: <Unknown>

Scenario Unit: Acre

Scenario Typical Size: 0.5

Total Scenario Cost: \$2,325.21

Scenario Cost/Unit: \$4,650.42

Cost Details

Component Name	Id	Description	Unit	Cost	Qty	Total
----------------	----	-------------	------	------	-----	-------

Labor

Equipment Operators, Heavy	233	Includes: Cranes, Hydraulic Excavators >=50 HP, Dozers, Paving Machines, Rock Trenchers, Trenchers >=12", Dump Trucks, Ag Equipment >=150 HP, Scrapers, Water Wagons.	Hour	\$36.00	8	\$287.98
----------------------------	-----	---	------	---------	---	----------

Equipment Installation

Dozer, 200 HP	928	Track mounted Dozer with horsepower range of 160 to 250. Equipment and power unit costs. Labor not included.	Hour	\$193.73	8	\$1,549.84
---------------	-----	--	------	----------	---	------------

Mobilization

Mobilization, large equipment	1140	Equipment >150HP or typical weights greater than 30,000 pounds or loads requiring over width or over length permits.	Each	\$487.39	1	\$487.39
-------------------------------	------	--	------	----------	---	----------