

## ***Ester Valley Trail Relocation***

Irrevocable multi-use, multi-season public recreational trail easement, 10' wide. To include:

- fixed entrance and egress points
- reroute will remain on the Largent's property, and be relocated to the southern perimeter (**red line on attached photo**)
- the recreational trail easement will run with the land
- the trail will be open 24/7
- landowner is responsible for construction costs, excluding hand finishing
- the trail will be approximately 6,000' in length
- relocation & construction will be completed by 31 October 2025

Design Characteristics:

Alaska Div. of Parks & Outdoor Recreation, Class 3 ATV/Snow Trail

(<https://dnr.alaska.gov/parks/aktrails/aktrailmgthndbk2015.pdf>; pgs 35-36, 37-38)

limited to vehicles  $\leq 5'$  in width

tread: 6' wide

clearing: 10' wide

Sustainable Design Concepts

- Contour Layout

- \* conforming to a Sidehill location to the terrain and contours (aka *contour alignment*)

- Grade control

- \* trail alignment is less than 50% of the sideslope grade (aka *half rule*)
- \* overall grade does not exceed 10%

- Integrated Water Control

- \* create an outslope to promote sheet flow... ~3%
- \* Rolling Grade Dips at frequent intervals
- \* dip in & out of drainages to shed water and prevent stream capture

- Durable Surface

- \* naturally surfaced, full bench construction