

Preliminary Full Length Touchet Valley Trail Maintenance Outline

This is a compilation of information provided from the Bill Chipman Palouse Trail, and the Palouse to Cascades State Park Trail, as well as other rough estimates for maintenance of the Touchet Valley Trail in 2021-22, assuming the full 9.7 miles of the trail was already in place. Apr. 21, 2021

1. **Weed Control** using WCC crews - (**~\$4,500**) - Contract

- a. 9.7 miles x 5,280 ft/mi x 10 ft wide (5 ft on either side)= 512,160 sq ft/43,560 sq ft per acre = 11.75 acres for the trail area, with the trail beside the active railroad.
- b. 11.75 acres x \$250/acre for weed control, plus 5 acres at \$150/acre for broadleaf control (from WA State Parks WCC contract for Palouse to Cascades SP Trail in 2020, which includes chemicals, labor and equipment). So, total weed control cost for TVT would be \$2,939+750 = **\$3,689**.
- c. Note: another example from the B. Chipman Palouse Trail – average is \$613.5 per mile for their 7.1 mile trail, so an estimate = **\$5,951** for the entire TVT trail (one pass bare ground spray 5 ft either side of trail, plus spot spraying at \$7,256 in 2019, and 3,521 in 2018, and 2,291 in 2017, which includes labor & chems, etc.).

2. **Garbage Pickup and Restroom Cleaning** - (**~\$6,300**) - contract

- a. Supplies = \$300.00
- b. Twice per week during April through Oct (~31 weeks), and once per week for the other 5 months (~21 weeks) @ 4 hrs each time x \$18.00 per hour = \$72/day and 83 days = **\$5,976** per year + \$300 supplies, = **\$6,276** when the entire trail is in place.

3. **Litter Pick Up** and small trail maintenance jobs – (**\$500**) - volunteers

- a. to be done in multiple mile segments by local Volunteer Groups at least 2-3 times per year (up to \$500 for bags, etc. and dumping fees for disposal).

4. **Miscellaneous Repairs** – (**\$5,000-10,000/ yr**)

Benches, Bike racks, signage, graffiti removal, wooden structures, sealing cracks, etc.

Note: Total maintenance cost example from B. Chipman Palouse Trail for all maintenance as a 3 yr ave. (2016, 2017, 2019) = **\$2,835/mile**, excluding salaries and benefit costs. Total 9.7 mile TVT trail maintenance cost would be **\$27,500** per year (with planting, asphalt repair, shoulder repair, restoration of wooden structures, etc.) That trail is ~20 yrs. old, so it has more maintenance costs than would likely be needed the first 1-2 years of the Touchet Valley Trail.

Approximate Total Estimated Yearly Costs ~ **\$16,300-21,300** for 2021 or 2022.