



RED CONSTRUCTION INC.

PORTLAND'S PREMIERE ALL-REDHEAD
CONSTRUCTION FIRM

Client Portland Community College
Engineer Ben Stabley
Site PCC Sylvania, Lot 12
Title Pavement Estimate
Date 2023-07-23
Project # 630-252 Rev. B



Estimates

These cost estimates for various thicknesses of asphalt pavement assume 145 lbs/cuft and a conservative price of \$80/ton for asphalt. The area to be paved, shown in yellow on the map, is approximately 34,515 sqft and includes parking lot 12 and the adjoining carway.

Thickness (in)	Volume (cuft)	Weight (ton)	Cost (USD)
2	5,753	417	\$33,364.60
3	8,629	626	\$50,046.90
4	11,505	834	\$66,729.21
5	14,381	1,043	\$83,411.51
6	17,258	1,251	\$100,093.81

Notes

The imagery used to produce this output was obtained by sUAS. Using ground control points (GCP), the final orthoimage of the site has a spatial resolution of 1.23 cm/pixel and a total error of 9.39 mm. Information about asphalt density and unit price from <https://www.dryco.com/asphalt-calculator/>.

Scale: 1:500
Spatial Reference
Name: NAD 1983 2011 StatePlane Oregon North FIPS 3601