```
vertex-subset_wf  THM

⊢  For any graph
   ∀the_obj:GraphObject(the_graph), P:(V→𝔹).
   vertex-subset(the_obj;x.P(x)) ∈ V List
  by UnivCD THEN (Unfold ‘vertex-subset‘ 0)
     THEN
     (Assert
      (the_obj.vacc
       ∈ ((Vertices(the_graph) List)→Vertices(the_graph)→
           (Vertices(the_graph) List))
         →(Vertices(the_graph) List)→(Vertices(the_graph) List)))
END
```