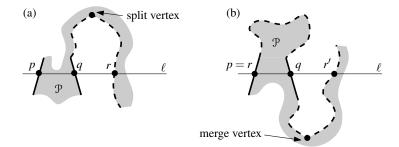
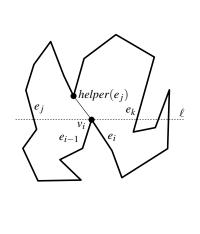
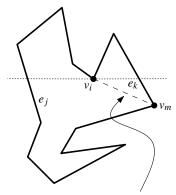


- = start vertex
- = end vertex
- = regular vertex
- ▲ = split vertex
- ▼ = merge vertex







diagonal will be added when the sweep line reaches v_m

