What is claimed is:

1. A transportation path diverter that diverts a transportation path such that an article conveyed by an upstream-side conveyor provided on an upstream side of the transportation path is conveyed to a downstream-side upper conveyor disposed above the upstream-side conveyor on a downstream side of the transportation path and a downstream-side lower conveyor disposed below the downstream-side upper conveyor on the downstream side of the transportation path,

the transportation path diverter comprising:

an upstream-side lower diverting conveyor that is disposed downstream of the upstream-side conveyor and has a downstream side swinging around the upstream-side conveyor;

a downstream-side upper diverting conveyor that is disposed above the upstream-side conveyor and the upstream-side lower diverting conveyor and upstream of the downstream-side upper conveyor and has an upstream side swinging around the downstream-side upper conveyor;

a downstream-side lower diverting conveyor that is disposed below the downstream-side upper diverting conveyor and upstream of the downstream-side lower conveyor and has an upstream side swinging around the downstream-side lower conveyor;

a height detector that detects a conveyed article having at least a predetermined height; and

a conveyed article detector that detects an article transferred from the upstream-side lower diverting conveyor to the downstream-side lower diverting conveyor,

wherein a swing of the downstream-side upper diverting conveyor is controlled based on the detection of the conveyed article by the height detector and the conveyed article detector.

2. The transportation path diverter according to claim 1, wherein the upstream-side lower diverting conveyor is swung by a second swinging device,

wherein the downstream-side upper diverting conveyor is swung by a first swinging device,

wherein the downstream-side lower diverting conveyor is swung by a third swinging device, and

wherein, if the height detector detects a conveyed article, the first swinging device is allowed to swing the downstream-side upper diverting conveyor only after the conveyed article detector detects the conveyed article and then the downstream-side lower diverting conveyor is driven by a predetermined amount of driving.

3. The transportation path diverter according to claim 1, wherein the upstream-side lower diverting conveyor is swung by a second swinging device,

wherein the downstream-side upper diverting conveyor is swung by a first swinging device,

wherein the downstream-side lower diverting conveyor is swung by a third swinging device, and

wherein, if the height detector detects a conveyed article, the conveyed article detector detects the conveyed article and then the first swinging device starts swinging the downstream-side upper diverting conveyor after a predetermined time.

4. The transportation path diverter according to claim 1, wherein the upstream-side lower diverting conveyor is swung by a second swinging device,

wherein the downstream-side upper diverting conveyor is swung by a first swinging device,

wherein the downstream-side lower diverting conveyor is swung by a third swinging device, and

wherein, if the height detector does not detect a conveyed article, the first swinging device starts swinging the downstream-side upper diverting conveyor in response to the detection of the conveyed article by the conveyed article detector.