**Current X locations** locationsranslate1

**X**

XTranslate1

XTranslate2

Xinitial

**Y**

canvas’s ***dragged*** position

canvas’s ***initial*** position

canvas’s ***current*** position

d

*Drag action*

d

XCursor2

XCursor1

After the click: deltaX = e.getX() - sm1.getCanvas().getTranslateX() = XCursor1 – XTranslate1 = Xinitial + d After the drag: e.get(x) – delta = XCursor2 - ( Xinitial + d ) = XTraslate2

**Figure 11.27**

The canvas at its initial, current, and dragged x position.