



**Route a:** X → Y  
**Route b:** X → J → Y  
**Route c:** X → K → Y  
**Route d:** X → I → J → Y

○ = end office

⬡ = intermediate switching node

(a) Topology

Time Period	First route	Second route	Third route	Fourth and final route
Morning	a	b	c	d
Afternoon	a	d	b	c
Evening	a	d	c	b
Weekend	a	c	b	d

(b) Routing table

Figure 7.8 Alternate Routes From End Office X to End Office