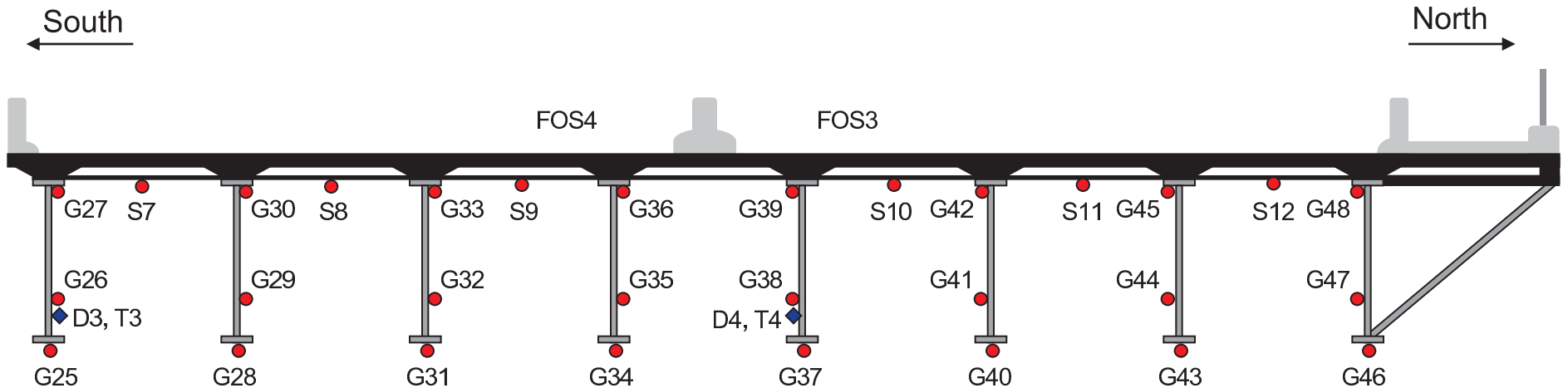
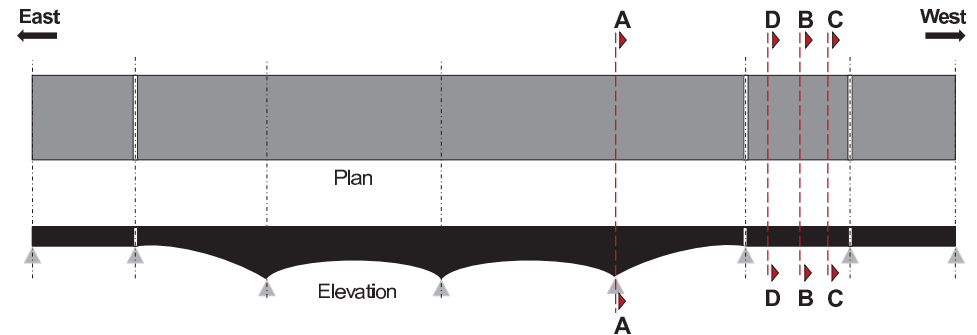


Electrical Resistance Strain Gauges at Section AA

Purpose:

- To determine live load stress ranges over an intermediate support
- To study transverse load distribution in negative moment regions



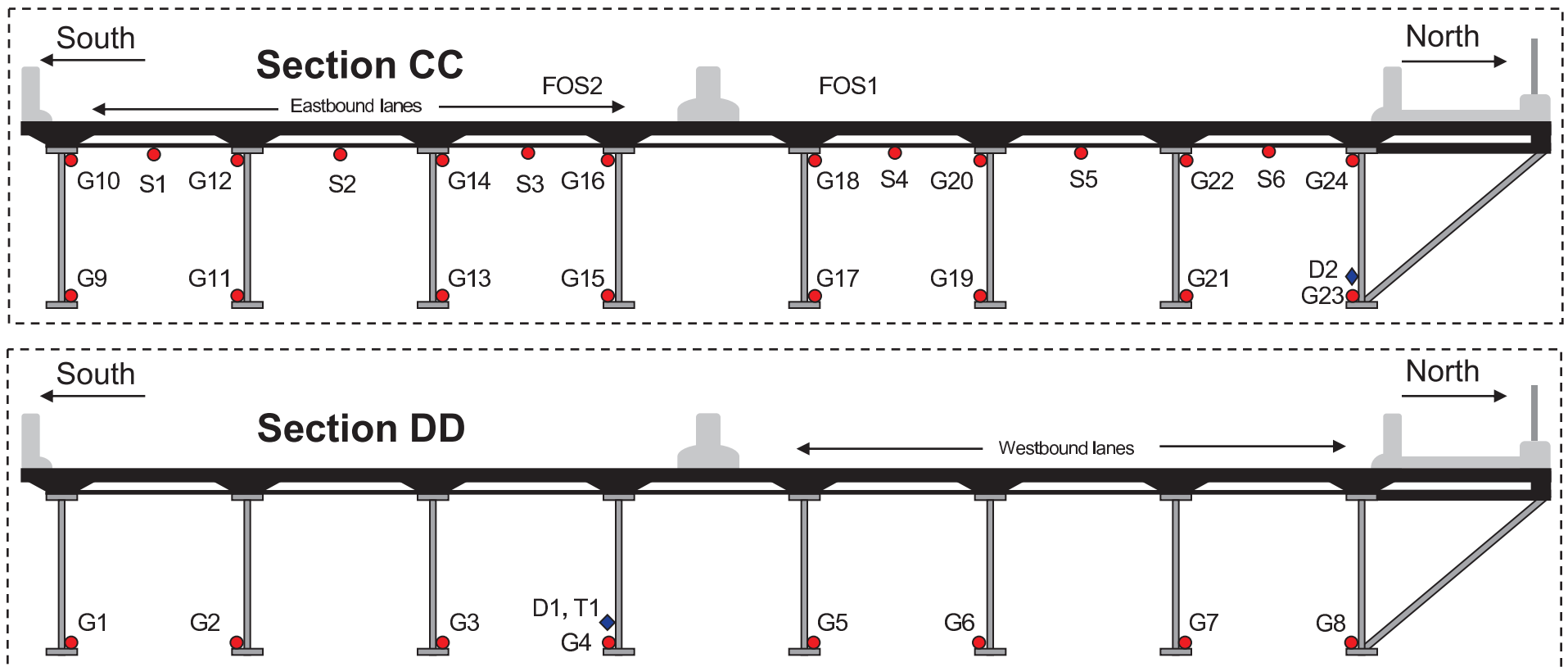
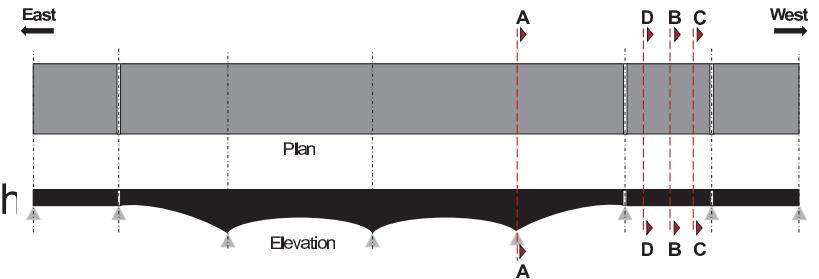
Number of electrical resistance strain gauges = 32

- Electrical strain gauge
- ◆ Dummy electrical strain gauge

Electrical Resistance Strain Gauges at Sections CC and DD

Purpose:

- To determine live load stress ranges
- To determine transverse load distribution pattern for establishing the position of a truck to be weighed through strains at sections CC (1/3 of span = 10 m) and DD (1/5 of span = 5.8m)



Number of electrical resistance strain gauges on CC = 23

Number of electrical resistance strain gauges on DD = 9

- Electrical strain gauge
- ◆ Dummy electrical strain gauge