

f	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K		
e	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		
d	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		
c	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
b	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		
a	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
z	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K		
P	0					0					1					1					2					2
S	1					5					0					5					0					5

The technical drawings illustrate the bridge deck geometry. The cross-section (left) shows a total width of 15.40 ± 0.50 m, with a central width of 11.70 ± 0.10 m (NOTE 3). The deck height is $13.45^{+0.15}_{-0.10}$ m, and the bottom width is $3.00^{+0}_{-0.10}$ m. The plan view (right) shows a total length of 48.00 m and a width of 50.0 MAX. The deck is divided into sections with dimensions 12.00 m and $2.00 \pm 0.05 (6x)$ m. The bottom width is $2.00 \pm 0.05 (24x)$ m. A dashed rectangle indicates the location of the bridge piers (NOTE 5). The drawings are labeled with dimensions and notes (NOTE 3, NOTE 5, NOTE 6).

Figure 1 illustrates the dimensions of three connector types (5, F, K) used in the study. The dimensions are measured relative to a central vertical line representing the 'SEATING PLANE FOR CONNECTOR'.

- Connector 5:** The distance from the left end to the seating plane is 9.70. The distance from the seating plane to the right end is 3.70.
- Connector F:** The distance from the left end to the seating plane is 9.70. The distance from the seating plane to the right end is 16.00.
- Connector K:** The distance from the left end to the seating plane is 11.20. The distance from the seating plane to the right end is 16.00.

A diagram showing a rectangular area with a width of 48.00 and a height of 12.00. The area is filled with a grid of 48 small circles, arranged in 4 rows and 12 columns. The circles are evenly spaced and cover the entire rectangular area.

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