### TWO COLUMNS
- \( A = 0.2L \)
- \( B = 0.6L \)

### THREE COLUMNS
- \( A = 0.15L \)
- \( B = 0.35L \)
- \( D = 0.35L \)

### FOUR COLUMNS
- \( A = 0.125L \)
- \( B = 0.25L \)
- \( D = 0.25L \)
- \( E = 0.25L \)

\( L = \)  
\( H = \)  
Sign Area = Sc.ft.

\( J = \frac{F}{\tan \theta} \)  
\( J = \)  

\( F = \) Foscar clearance  
refer to Sign-830-Series  
for appropriate  
dimensions.

\( M = \) Overhang  
\( \cos \theta \)  
\( M = \)  
\( R = (J+A)\tan \theta \)  
\( R = \)  
\( P = (J+A+B)\tan \theta \)  
\( P = \)  
\( Q = (J+A+B+D)\tan \theta \)  
\( Q = \)  
\( T = (J+A+B+D+E)\tan \theta \)  
\( T = \)

### TWO COLUMNS
- Cantilever 1 length = \( M+R \)  
- Cantilever 2 length = \( M+P = C \)

### THREE COLUMNS
- Cantilever 1 length = \( M+R \)  
- Cantilever 2 length = \( M+P \)  
- Cantilever 3 length = \( M+Q = C \)

### FOUR COLUMNS
- Cantilever 1 length = \( M+R \)  
- Cantilever 2 length = \( M+P \)  
- Cantilever 3 length = \( M+Q \)  
- Cantilever 4 length = \( M+T = C \)

\( C = \) Value to verify diaphragm need.

**NOTE:**  
This typical does not apply to curved bridges.