Analysis No. = 3

Description = Bridge 3

Left Girder Height = 54 [in]

Right Girder Height = 48 [in]

Girder Spacing = 6.5 [ft]

Distance from top of left girder to bracing = 12 [in]

Distance from bot. of left girder to bracing = 12 [in]

Distance from bot. of right girder to bracing = 12 [in]

Distance from bot. of right girder to bracing = 12 [in]

Overturning Moment = 70 [ft*kip]

Horizontal Force = 8 [kip]

Brace E = 29000 [ksi]

Brace A = 5 [in^2]

Brace I = 50 [in^4]

Brace Type = HDPB 15'-26'

Lines of horizontal Bracing per brace line = 1

Lines of diagonal bracing per brace line = 1

	Member		
	1	2	3
Tensile Strength	Not Applicable	Not Applicable	Not Applicable
Max Tension	9.988	9.156	2.418
Compressive Strength	Not Applicable	Not Applicable	Not Applicable
Max Compression	-2.568	-2.354	-0.623

Lines of bracing required = NG

Stiffness = 6642841.137

Check = OK