

Summary for event file 58658_007_20210426_10.09.54.P.zip

Station Number.....: '58658'
Station Coordinates.....: 37.691N, 122.099W
Filter low cut.....: 0.3
Filter high cut.....: 40.0
Record time step, dt.....: 0.005

Bridge Channel Peaks

Component	Acceleration g	Velocity cm/s	Displacement cm
Longitudinal	0.0272	-5.2310	30.5490
Transverse	-0.0147	0.1890	1.3580
Vertical	0.0576	1.4540	-1.1040

Site Channel Peaks

Component	Acceleration g	Velocity cm/s	Displacement cm
Longitudinal	0.0146	0.2260	-0.3470
Transverse	0.0090	-0.1460	0.2820
Vertical	0.0178	0.2050	-0.0040

Records

Abutment 1:

Up (Chan 1):

Peak acceleration.....: ' 0.0178'
Time of peak acceleration.....: ' 20.2700'
Peak velocity.....: ' 0.2050'
Time of peak velocity.....: ' 20.2900'
Peak displacement.....: ' -0.0040'
Time of peak displacement.....: ' 20.2700'
Initial velocity.....: ' 0.0000'
Initial displacement.....: ' 0.0000'

Long (Chan 2):

Peak acceleration.....: ' 0.0047'
Time of peak acceleration.....: ' 19.7750'
Peak velocity.....: ' 0.0490'
Time of peak velocity.....: ' 19.7850'
Peak displacement.....: ' 0.1900'
Time of peak displacement.....: ' 54.1700'

Initial velocity.....	'	-0.0130'
Initial displacement.....	'	-0.1100'
Tran (Chan 3):		
Peak acceleration.....	'	-0.0027'
Time of peak acceleration.....	'	20.2850'
Peak velocity.....	'	-0.0340'
Time of peak velocity.....	'	20.3000'
Peak displacement.....	'	0.2820'
Time of peak displacement.....	'	58.7950'
Initial velocity.....	'	-0.0170'
Initial displacement.....	'	-0.0630'
Bent 3 South Column Grnd Level:		
Long (Chan 6):		
Peak acceleration.....	'	-0.0039'
Time of peak acceleration.....	'	25.0300'
Peak velocity.....	'	-0.0700'
Time of peak velocity.....	'	24.0950'
Peak displacement.....	'	0.3360'
Time of peak displacement.....	'	9.5150'
Initial velocity.....	'	0.0220'
Initial displacement.....	'	0.2140'
Tran (Chan 7):		
Peak acceleration.....	'	0.0090'
Time of peak acceleration.....	'	24.1650'
Peak velocity.....	'	-0.1460'
Time of peak velocity.....	'	24.1450'
Peak displacement.....	'	0.2180'
Time of peak displacement.....	'	22.4100'
Initial velocity.....	'	0.0080'
Initial displacement.....	'	0.0450'
Bent 4 North Column Grnd Level:		
Long (Chan 17):		
Peak acceleration.....	'	0.0030'
Time of peak acceleration.....	'	28.5000'
Peak velocity.....	'	0.0600'
Time of peak velocity.....	'	28.5150'
Peak displacement.....	'	-0.3470'
Time of peak displacement.....	'	11.9500'
Initial velocity.....	'	-0.0240'
Initial displacement.....	'	-0.1700'
Tran (Chan 18):		
Peak acceleration.....	'	0.0035'
Time of peak acceleration.....	'	25.1500'
Peak velocity.....	'	0.0420'

Time of peak velocity.....	'	25.1000'
Peak displacement.....	'	0.0910'
Time of peak displacement.....	'	26.3600'
Initial velocity.....	'	-0.0040'
Initial displacement.....	'	-0.0450'

Bent 4 South Column Grnd Level:

Long (Chan 24):

Peak acceleration.....	'	0.0146'
Time of peak acceleration.....	'	26.5700'
Peak velocity.....	'	0.2260'
Time of peak velocity.....	'	27.3600'
Peak displacement.....	'	0.1480'
Time of peak displacement.....	'	56.4650'
Initial velocity.....	'	-0.0080'
Initial displacement.....	'	-0.0330'

Tran (Chan 25):

Peak acceleration.....	'	0.0071'
Time of peak acceleration.....	'	24.9700'
Peak velocity.....	'	-0.1250'
Time of peak velocity.....	'	27.4850'
Peak displacement.....	'	0.1510'
Time of peak displacement.....	'	25.3950'
Initial velocity.....	'	-0.0090'
Initial displacement.....	'	-0.0770'

Deck Level near Abut 1:

Up (Chan 11):

Peak acceleration.....	'	-0.0360'
Time of peak acceleration.....	'	20.6250'
Peak velocity.....	'	0.6000'
Time of peak velocity.....	'	20.6100'
Peak displacement.....	'	-0.9580'
Time of peak displacement.....	'	10.1200'
Initial velocity.....	'	-0.0650'
Initial displacement.....	'	-0.5940'

Long (Chan 12):

Peak acceleration.....	'	-0.0118'
Time of peak acceleration.....	'	20.4800'
Peak velocity.....	'	0.2000'
Time of peak velocity.....	'	20.4600'
Peak displacement.....	'	-0.5350'
Time of peak displacement.....	'	9.0500'
Initial velocity.....	'	-0.0380'
Initial displacement.....	'	-0.3480'

Tran (Chan 13):

Peak acceleration.....	'	-0.0147'
Time of peak acceleration.....	'	20.4850'
Peak velocity.....	'	0.1890'
Time of peak velocity.....	'	20.4750'
Peak displacement.....	'	0.6750'
Time of peak displacement.....	'	54.7350'
Initial velocity.....	'	-0.0490'
Initial displacement.....	'	-0.3750'

Bent 3 Deck Level:

Long (Chan 14):

Peak acceleration.....	'	-0.0048'
Time of peak acceleration.....	'	25.0300'
Peak velocity.....	'	0.1120'
Time of peak velocity.....	'	23.2250'
Peak displacement.....	'	0.1220'
Time of peak displacement.....	'	24.1900'
Initial velocity.....	'	0.0010'
Initial displacement.....	'	0.0170'

Tran (Chan 15):

Peak acceleration.....	'	-0.0026'
Time of peak acceleration.....	'	27.1050'
Peak velocity.....	'	0.1750'
Time of peak velocity.....	'	31.3950'
Peak displacement.....	'	1.3580'
Time of peak displacement.....	'	54.3450'
Initial velocity.....	'	-0.0920'
Initial displacement.....	'	-0.7320'

Midspan between Bents 3 4 Deck:

Up (Chan 16):

Peak acceleration.....	'	0.0576'
Time of peak acceleration.....	'	25.0500'
Peak velocity.....	'	1.4540'
Time of peak velocity.....	'	25.0700'
Peak displacement.....	'	0.5640'
Time of peak displacement.....	'	26.7550'
Initial velocity.....	'	0.0500'
Initial displacement.....	'	-0.0570'

Bent 4 North Column Top:

Long (Chan 19):

Peak acceleration.....	'	-0.0037'
Time of peak acceleration.....	'	31.2200'
Peak velocity.....	'	0.2760'
Time of peak velocity.....	'	32.8400'

Peak displacement.....	'	1.5800'
Time of peak displacement.....	'	44.8750'
Initial velocity.....	'	-0.0690'
Initial displacement.....	'	-1.0990'
Tran (Chan 20):		
Peak acceleration.....	'	-0.0048'
Time of peak acceleration.....	'	25.1150'
Peak velocity.....	'	0.1220'
Time of peak velocity.....	'	23.9000'
Peak displacement.....	'	0.3410'
Time of peak displacement.....	'	26.3600'
Initial velocity.....	'	-0.0060'
Initial displacement.....	'	-0.1320'
Bent 4 Deck Level:		
Up (Chan 21):		
Peak acceleration.....	'	0.0074'
Time of peak acceleration.....	'	24.5350'
Peak velocity.....	'	0.1630'
Time of peak velocity.....	'	25.0000'
Peak displacement.....	'	-1.1040'
Time of peak displacement.....	'	10.4550'
Initial velocity.....	'	-0.0740'
Initial displacement.....	'	-0.6760'
Long (Chan 22):		
Peak acceleration.....	'	0.0272'
Time of peak acceleration.....	'	28.6800'
Peak velocity.....	'	-5.2310'
Time of peak velocity.....	'	44.5050'
Peak displacement.....	'	30.5490'
Time of peak displacement.....	'	33.5750'
Initial velocity.....	'	0.4150'
Initial displacement.....	'	-11.0300'
Tran (Chan 23):		
Peak acceleration.....	'	0.0034'
Time of peak acceleration.....	'	24.5450'
Peak velocity.....	'	-0.1620'
Time of peak velocity.....	'	24.0500'
Peak displacement.....	'	0.4700'
Time of peak displacement.....	'	5.0850'
Initial velocity.....	'	0.0330'
Initial displacement.....	'	0.3670'