

Baseline 70E64E No studs on splices: Shift studs 1/2 each way & cut adjacent space in half.

SHEAR CONNECTOR SPACING TABLE

Location	①	②	③	④
Girder 1	121 Spaces @ 12" = 121'-0"	15 Spaces @ 11" = 13'-9"	857 Spaces @ 12" = 857'-0"	1 Space @ 10 1/2"
Girder 2	988 Spaces @ 12" = 988'-0"			1 Space @ 10"
Girder 3	984 Spaces @ 12" = 984'-0"			2 Spaces @ 6 1/2" = 1'-1"
Girder 4	980 Spaces @ 12" = 980'-0"			2 Spaces @ 8" = 1'-4"
Girder 5	976 Spaces @ 12" = 976'-0"			2 Spaces @ 9" = 1'-6"

Baseline 70E64E

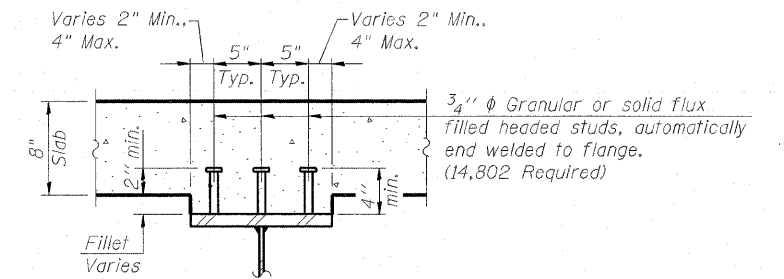
GIRDER DIMENSIONS

Location	Tangent		Radius											Tangent					Length of Girder	
	CL. Brg. Pier 1 to PC	Radius	A	B	C	D	E	F	G	H	I	J	K	CL. Brg. Pier 5 to PT	L	M	N	O		P
Girder 1	50.900	1,266.500	41.815	30.153	38.196	82.423	38.196	45.232	97.500	45.232	45.232	97.500	45.232	2.551	42.460	100.000	45.000	35.000	110.000	994.377
Girder 2	50.900	1,258.750	41.559	29.968	37.962	81.919	37.962	44.955	96.904	44.955	44.955	96.904	44.955	2.536	42.460	100.000	45.000	35.000	110.000	990.649
Girder 3	50.900	1,251.000	41.303	29.784	37.728	81.414	37.728	44.679	96.307	44.679	44.679	96.307	44.679	2.520	42.460	100.000	45.000	35.000	110.000	986.920
Girder 4	50.900	1,243.250	41.047	29.599	37.495	80.910	37.495	44.402	95.711	44.402	44.402	95.711	44.402	2.505	42.460	100.000	45.000	35.000	110.000	983.192
Girder 5	50.900	1,235.500	40.791	29.415	37.261	80.406	37.261	44.125	95.114	44.125	44.125	95.114	44.125	2.489	42.460	100.000	45.000	35.000	110.000	979.464

Local Tangent to Baseline 70E64E at Sta. 61+57.54

GIRDER LAYOUT DIMENSIONS

Location	CL. Brg. Pier 1		Field Splice 1		Pier 2		Field Splice 2A		Field Splice 2B		Pier 3		Field Splice 3A		Field Splice 3B		Pier 4	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
Girder 1	-631.159	160.795	-548.655	118.510	-535.225	105.772	-486.282	90.576	-409.201	61.427	-372.875	49.634	-329.416	37.091	-234.389	15.378	-189.800	7.803
Girder 2	-627.573	167.666	-545.297	125.495	-518.135	112.835	-483.306	97.732	-406.697	68.761	-370.593	57.040	-327.401	44.574	-232.955	22.994	-188.639	15.465
Girder 3	-623.987	174.536	-541.940	132.480	-514.945	119.898	-480.330	104.888	-404.193	76.096	-368.311	64.447	-325.385	52.057	-231.521	30.610	-187.478	23.128
Girder 4	-620.401	181.406	-538.583	139.465	-511.755	126.961	-477.355	112.044	-401.689	83.430	-366.029	71.853	-323.369	59.540	-230.086	38.226	-186.316	30.790
Girder 5	-616.815	188.277	-535.225	146.450	-508.565	134.024	-474.379	119.200	-399.185	90.764	-363.748	79.260	-321.353	67.024	-228.652	45.842	-185.155	38.453



Local Tangent to Baseline 70E64E at Sta. 61+57.54

GIRDER LAYOUT DIMENSIONS

Location	Field Splice 4A		Field Splice 4B		Pier 5		Field Splice 5A		Field Splice 5B		Pier 6		Field Splice 6		CL. Brg. E. Abut.	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
Girder 1	-144.966	1.824	-47.772	-5.599	-2.551	-6.497	42.462	-6.500	142.460	-6.500	187.460	-6.500	222.460	-6.500	332.462	-6.500
Girder 2	-144.078	9.523	-47.480	2.146	-2.536	1.253	42.462	1.250	142.460	1.250	187.460	1.250	222.460	1.250	332.462	1.250
Girder 3	-143.191	17.222	-47.188	9.890	-2.520	9.003	42.462	9.000	142.460	9.000	187.460	9.000	222.460	9.000	332.462	9.000
Girder 4	-142.304	24.921	-46.895	17.635	-2.505	16.752	42.462	16.750	142.460	16.750	187.460	16.750	222.460	16.750	332.462	16.750
Girder 5	-141.417	32.620	-46.603	25.379	-2.489	24.502	42.462	24.500	142.460	24.500	187.460	24.500	222.460	24.500	332.462	24.500