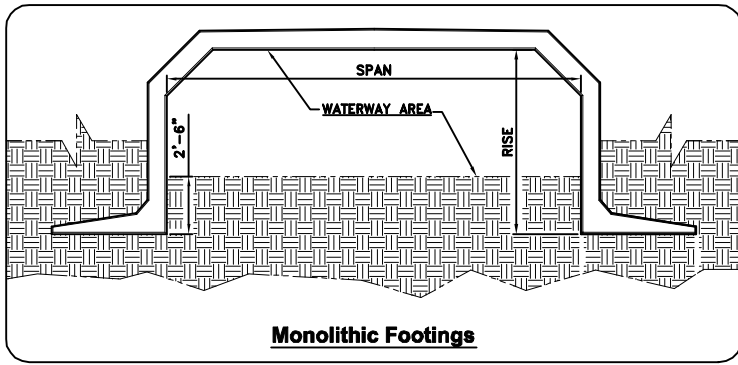
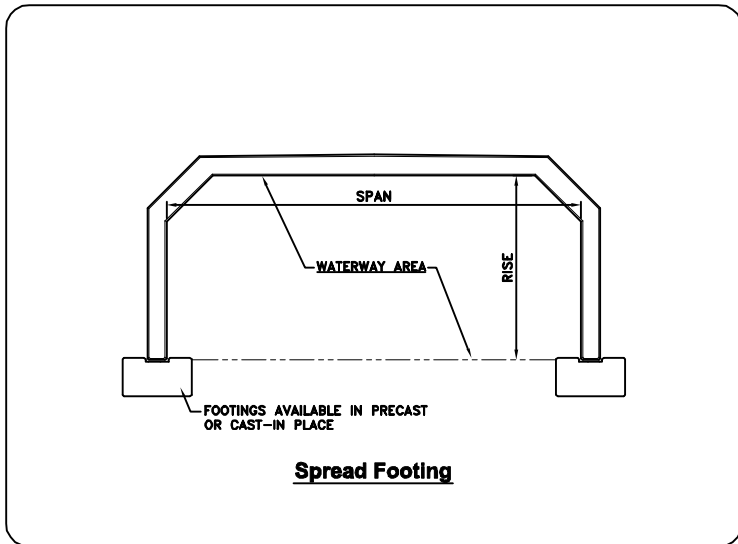


Omega Bridge



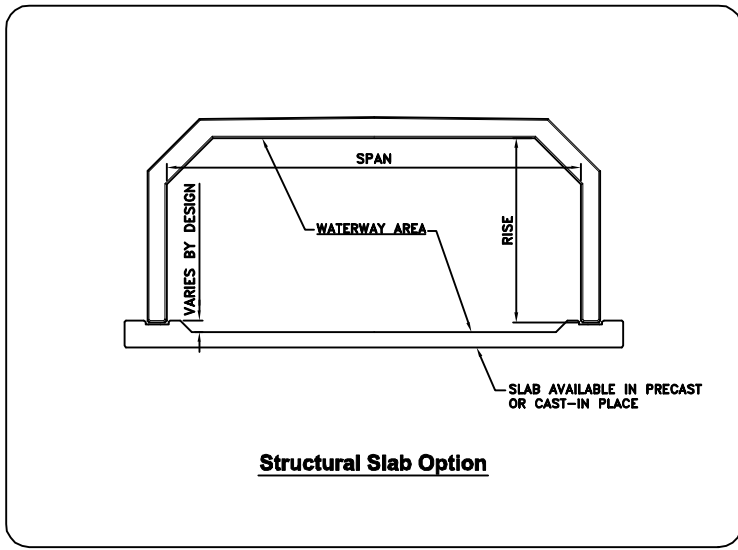
Monolithic Footings

MONOLITHIC FOOTING WATERWAY AREAS (sf)												
RISE (ft.)	SPAN (ft.)											
	8	10	12	14	16	18	20	22	24	26	28	30
4	8	11	14	17	20	23	23	26	29	29	32	35
6	24	31	38	45	52	59	61	68	75	75	82	89
8	40	51	62	73	84	95	101	112	123	127	138	149
10	56	71	86	101	116	131	141	156	171	179	194	209
12	72	91	110	129	148	167	181	200	219	231	250	269

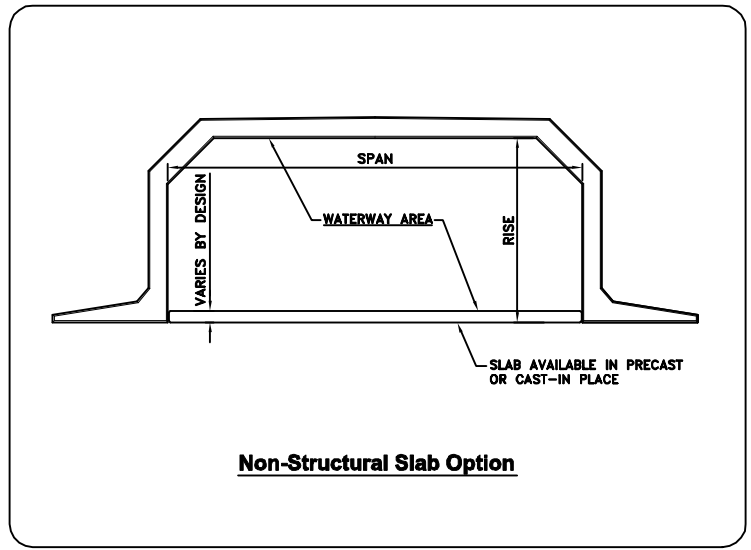


Spread Footing

SPREAD FOOTING WATERWAY AREAS (sf)												
RISE (ft.)	SPAN (ft.)											
	8	10	12	14	16	18	20	22	24	26	28	30
4	28	36	44	52	60	68	71	79	87	88	96	104
5	36	46	56	66	76	86	91	101	111	114	124	134
6	44	56	68	80	92	104	111	123	135	140	152	164
7	52	66	80	94	108	122	131	145	159	166	180	194
8	60	76	92	108	124	140	151	167	183	192	208	224
9	68	86	104	122	140	158	171	189	207	218	236	254
10	76	96	116	136	156	176	191	211	231	244	264	284
11	84	106	128	150	172	194	211	233	255	270	292	314
12	92	116	140	164	188	212	231	255	279	296	320	344



Structural Slab Option



Non-Structural Slab Option

GENERAL NOTES

Concrete $f_c = 5,000$ psi.
 Reinforcing Steel, ASTM A-615 $F_y = 60$ KSI
 Design Live Load = HS-20
 Earth Cover = 0'-6" To 5'-0"

**For Additional Sizing and
 Design Information Contact
 Rotondo Precast**

Rotondo Oldcastle

Fredericksburg, VA Phone No. (540) 898-6300 Fax No. (540) 898-2389
www.OldcastlePrecast.com