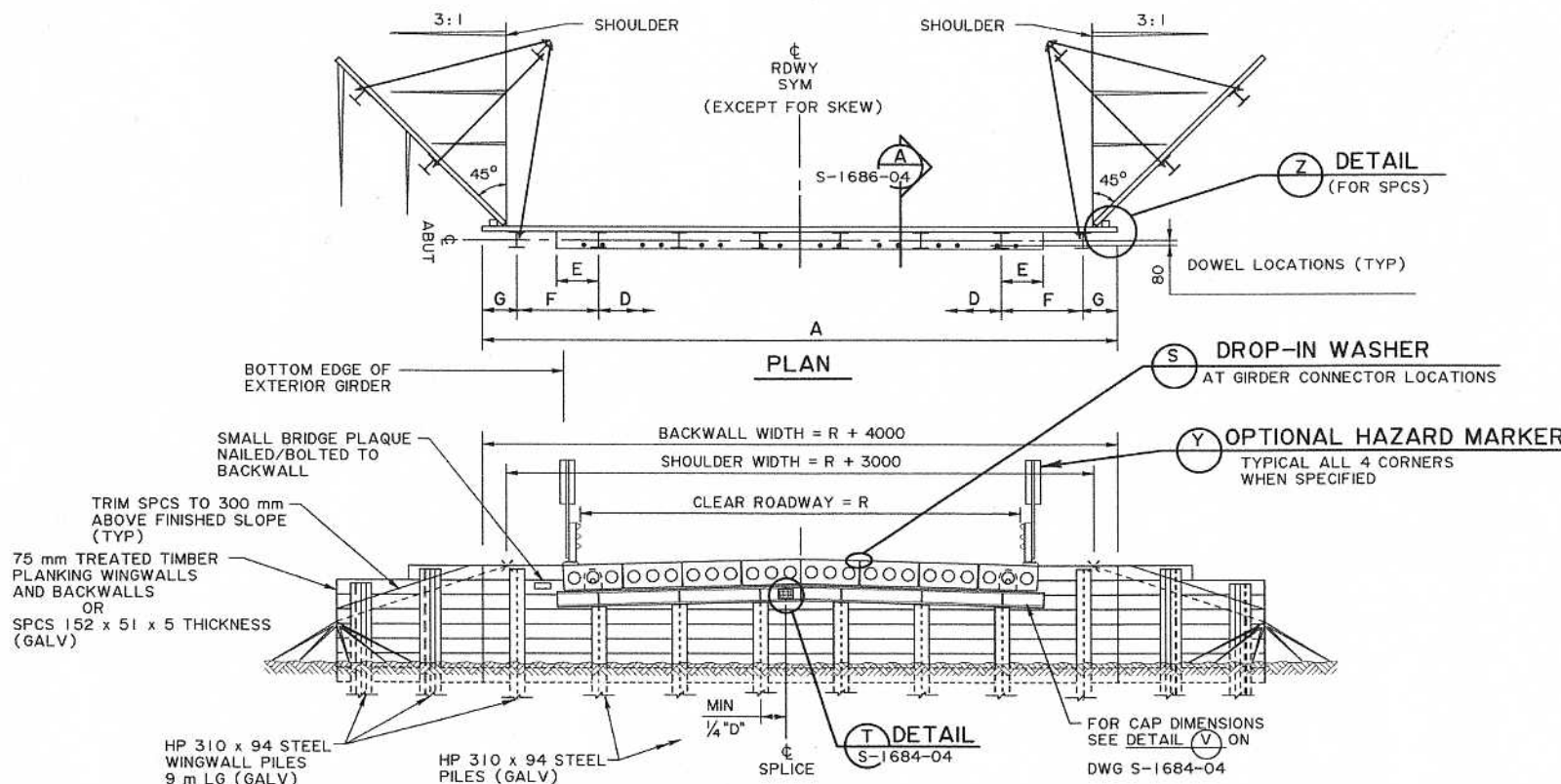
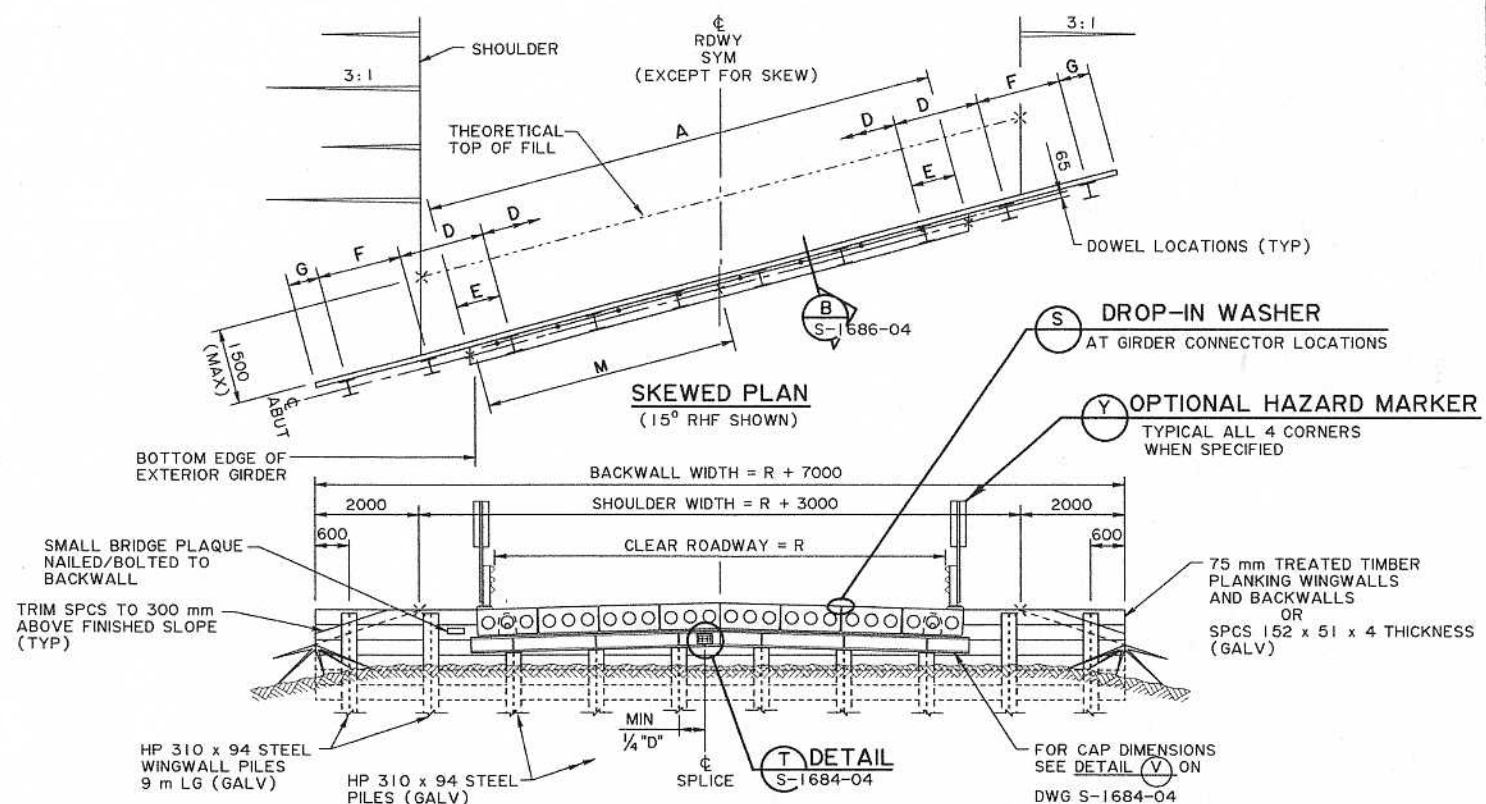


DATA FOR STANDARD SC PRECAST GIRDER BRIDGES - ABUTMENTS

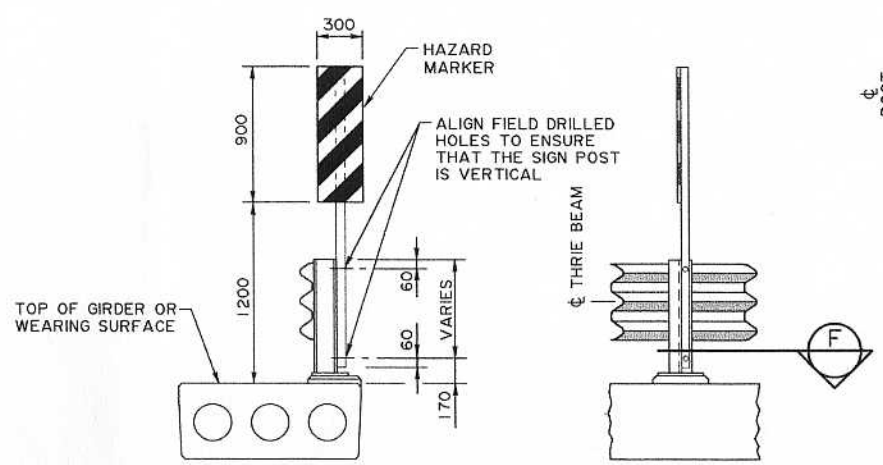
CLEAR ROADWAY (GIRDERS / SPAN) R	8 940 (8)					10 160 (9)					11 370 (10)					12 590 (11)					13 810 (12)					15 020 (13)				
	BACKWALL	SPILL THROUGH				BACKWALL	SPILL THROUGH				BACKWALL	SPILL THROUGH				BACKWALL	SPILL THROUGH				BACKWALL	SPILL THROUGH				BACKWALL	SPILL THROUGH			
ABUTMENT TYPE	0°	0°	15°	30°	45°	0°	0°	15°	30°	45°	0°	0°	15°	30°	45°	0°	0°	15°	30°	45°	0°	0°	15°	30°	45°	0°	0°	15°	30°	45°
OVERALL LENGTH	12 740	9 920	10 270	11 455	14 029	13 960	11 140	11 533	12 863	15 754	15 170	12 350	12 786	14 261	17 466	16 390	13 570	14 049	15 669	19 191	17 610	14 790	15 312	17 078	20 916	18 820	16 000	16 564	18 475	22 627
CROWN	127	99	99	99	99	140	111	111	111	111	152	124	124	124	124	164	136	136	136	136	176	148	148	148	148	188	160	160	160	160
DIFFERENTIAL FOR ROADWAY GRADE OF	1%	0	0	27	57	99	0	0	30	64	111	0	0	33	71	124	0	0	36	78	136	0	0	40	85	148	0	0	43	92
	2%	0	0	53	115	198	0	0	60	129	223	0	0	66	143	247	0	0	73	157	271	0	0	79	171	296	0	0	86	185
	3%	0	0	80	172	298	0	0	90	193	334	0	0	99	214	371	0	0	109	235	407	0	0	119	256	444	0	0	129	277
NUMBER - LOAD BEARING	6	6	6	6	6	7	7	7	7	7	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	10	10	10	10	10
SPACING	1 642	1 642	1 700	1 896	2 322	1 572	1 572	1 627	1 815	2 223	1 520	1 520	1 574	1 755	2 150	1 482	1 482	1 534	1 711	2 096	1 635	1 635	1 693	1 888	2 312	1 588	1 588	1 644	1 834	2 246
END DISTANCES	855	855	885	987	1 209	855	855	885	987	1 209	855	855	885	987	1 209	855	855	885	987	1 209	855	855	885	987	1 209	855	855	885	987	1 209
WINGWALL PILE LOCATION	1 665	1 623	1 680	1 874	2 295	1 664	1 693	1 753	1 955	2 394	1 665	1 745	1 807	2 015	2 468	1 667	1 783	1 846	2 059	2 522	1 665	1 630	1 688	1 882	2 305	1 664	1 677	1 736	1 936	2 372
WINGWALL PROJECTION	600	600	621	693	849	600	600	621	693	849	600	600	621	693	849	600	600	621	693	849	600	600	621	693	849	600	600	621	693	849
NUMBER OF DOWELS PER LINE	16	8	8	8	8	18	9	9	9	9	20	10	10	10	10	22	11	11	11	11	24	12	12	12	12	26	13	13	13	13
EXTERIOR GIRDER LOCATION FROM C BRIDGE	4 859	4 859	5 030	5 611	6 872	5 467	5 467	5 660	6 313	7 732	6 075	6 075	6 289	7 015	8 591	6 683	6 683	6 919	7 717	9 451	7 291	7 291	7 548	8 419	10 311	7 899	7 899	8 178	9 121	11 171



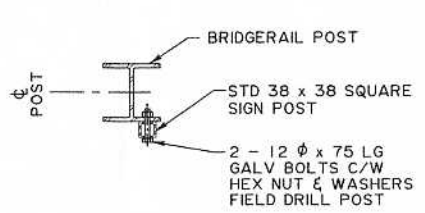
ABUTMENT ELEVATION
BACKWALL TYPE 1:75
(TREATED TIMBER PLANKING SHOWN
SPCS SIMILAR)



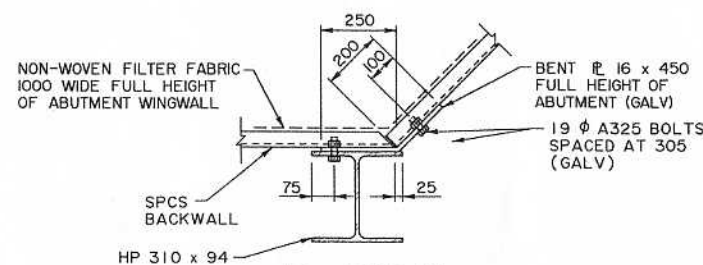
ABUTMENT ELEVATION
SKewed PLAN 1:75
(TREATED TIMBER PLANKING SHOWN
SPCS SIMILAR)



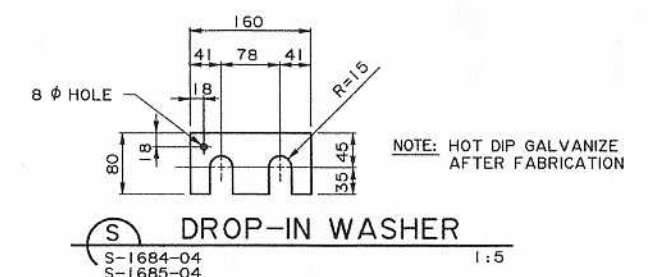
OPTIONAL HAZARD MARKER 1:25
S-1683-04
S-1685-04



SECTION F 1:10



DETAIL Z FOR SPCS 1:10



DROP-IN WASHER 1:5
S-1684-04
S-1685-04
FOR SC-510 GIRDER TO GIRDER CONNECTIONS
IN 2 mm AND 4 mm THICKNESSES
USE WITH 2 - 19 φ A325 BOLTS (GALV)

	PERMIT TO PRACTICE MOST ENGINEERING (2001) LTD. Signature: <i>Mar 05, 2007</i> Date: <i>Mar 05, 2007</i> PERMIT NUMBER: P 8859 The Association of Professional Engineers, Geologists and Geophysicists of Alberta.	DESIGNER	CHECKER	RECOMMENDED DIRECTOR BRIDGE ENGINEERING	ORIGINAL SIGNED BY REG QUINTON APPROVED EXECUTIVE DIRECTOR TECHNICAL STANDARDS BRANCH ORIGINAL SIGNED BY ALLAN KWAN DATE: JANUARY 7, 2005
				2007-02-14 GENERAL 2004-11-29 REDRAWN FROM S-1603-94 & S-1604-94 (REV 3) TO COMPLY WITH CAN/CSA-S8-00 & NEW GIRDER BRIDGES	
Alberta TRANSPORTATION SC PRECAST GIRDER BRIDGES WITH STEEL SUBSTRUCTURES SHEET 3			DATE: 2004-11-29 SHEET: 3 of 4 DRAWING: S-1685-04	F833948	