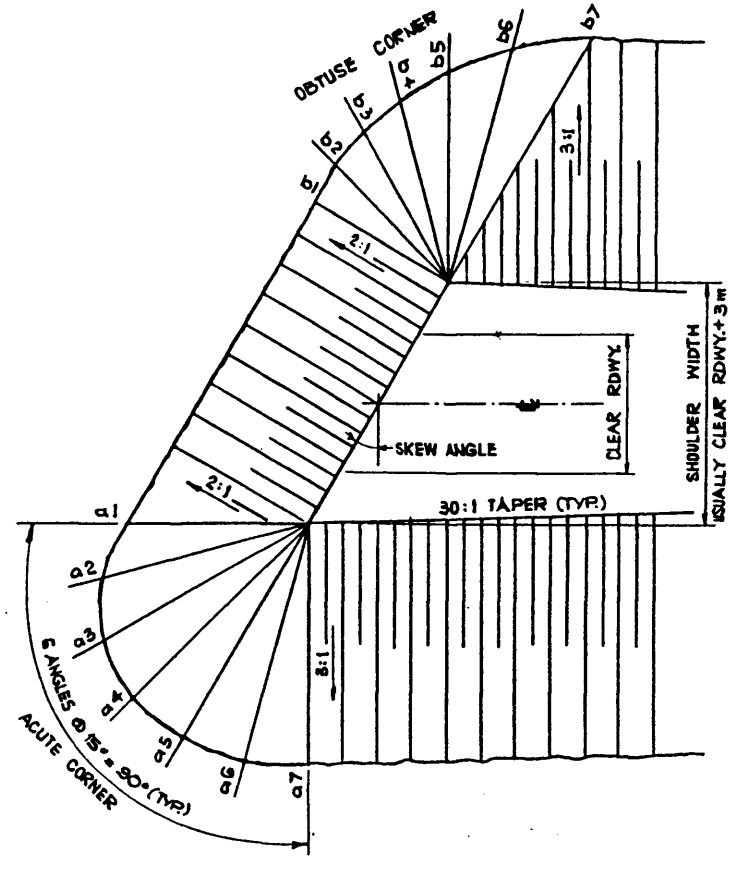


ON SQUARE



ON SKEW

FILLS AT BRIDGE ENDS

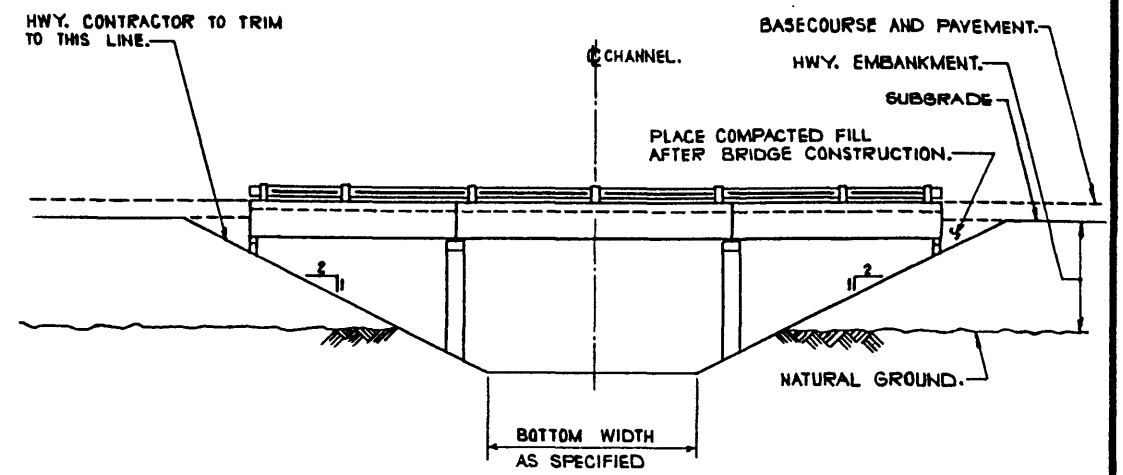


FIG.1 FILLS FOR NORMAL HEAD SLOPES

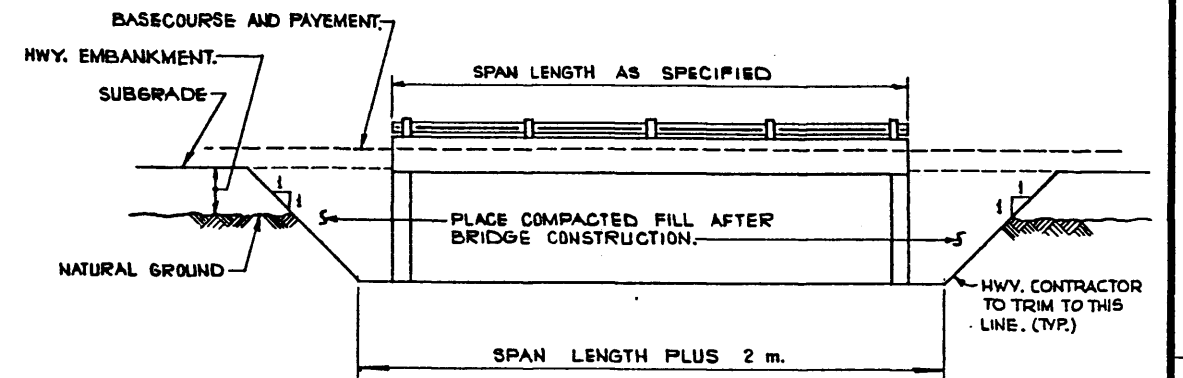


FIG.2 FILLS FOR HIGH BACKWALLS

FOR SLOPES OF OTHER THAN 3:1 SIDE SLOPE AND 2:1 HEADSLOPE CONTACT THE BRIDGE DESIGN OFFICE FOR A SET OF TABLES.

SKEW ANGLE	SLOPES AT ACUTE CORNER							SLOPES AT OBTUSE CORNER						
	a1 0°	a2 15°	a3 30°	a4 45°	a5 60°	a6 75°	a7 90°	b1 0°	b2 15°	b3 30°	b4 45°	b5 60°	b6 75°	b7 90°
0° SQ	2.000	2.038	2.155	2.353	2.619	2.882	3.000							
5°	2.008	2.128	2.382	2.626	2.825	2.955	3.000	2.000	2.071	2.283	2.520	2.735	2.906	3.011
10°	2.031	2.205	2.443	2.684	2.843	2.960	3.000	2.000	2.071	2.257	2.487	2.682	2.882	3.046
15°	2.071	2.273	2.493	2.695	2.858	2.963	3.000	2.000	2.070	2.228	2.421	2.643	2.877	3.105
20°	2.128	2.337	2.546	2.734	2.833	2.975	3.000	2.000	2.064	2.197	2.382	2.617	2.893	3.193
25°	2.207	2.474	2.716	2.905	3.020	3.045	3.000	2.000	2.051	2.168	2.351	2.605	2.928	3.310
30°	2.309	2.642	2.915	3.093	3.160	3.093	3.000	2.000	2.035	2.141	2.327	2.606	2.985	3.464
35°	2.442	2.850	3.147	3.296	3.281	3.106	3.000	2.000	2.037	2.153	2.358	2.669	3.101	3.662
40°	2.611	3.106	3.416	3.513	3.389	3.106	3.000	2.000	2.040	2.166	2.393	2.742	3.241	3.916
45°	2.828	3.423	3.729	3.741	3.457	3.106	3.000	2.000	2.044	2.181	2.432	2.828	3.410	4.243
50°	3.111	3.819	4.094	3.969	3.464	3.106	3.000	2.000	2.047	2.197	2.476	2.929	3.618	4.667
55°	3.487	4.321	4.522	4.170	3.464	3.106	3.000	2.000	2.501	2.215	2.525	3.046	3.876	5.230
60°	4.000	4.970	5.023	4.243	3.464	3.106	3.000	2.000	2.055	2.233	2.578	3.181	4.199	6.000

SLOPE AND TRANSITION TABLE

DESIGNED		DRAWN BY		DATE		CHECKED BY		DATE		STREAM		LOCATION		HWY. NO.		SCALE		FILE NO.		SHEET		DWS NO.	
R.G.Q.		F.W. BUDA		78 05 05												N.T.S.				S'-1433			
REVISIONS NO. DATE DESCRIPTION										APPROVED DATE FEB. 15/79 CHIEF BRIDGE ENGINEER													
Alberta TRANSPORTATION BRIDGE BRANCH										METRIC TYPICAL BRIDGE FILL PREPARATION													