BILL OF MATERIAL FOR ONE APPROACH SLAB (2 REQUIRED)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A100	66	#13	STR	8000	525
A101	1	#13	STR	2040	2
A102	1	#13	STR	2300	2
A103	1	#13	STR	2560	3
A104	1	#13	STR	2820	3
A105	1	#13	STR	3080	3
A106	1	#13	STR	3340	3
A107	1	#13	STR	3600	4
A108	1	#13	STR	3860	4
A109	1	#13	STR	4120	4
A110	1	#13	STR	4380	4
A111	1	#13	STR	4640	5
A112	1	#13	STR	4900	5
A113	1	#13	STR	5160	5
A114	1	#13	STR	5420	5
A115	1	#13	STR	5680	6
A116	1	#13	STR	5740	6
A117	1	#13	STR	5800	6
A118	1	#13	STR	5860	6
A119	1	#13	STR	5920	6
A120	1	#13	STR	5980	6
A121	1	#13	STR	6040	6
A122	1	#13	STR	6100	6
A123	1	#13	STR	6160	6
A124	1	#13	STR	6220	6
A125	1	#13	STR	6280	6
A126	1	#13	STR	6340	6
A127	1	#13	STR	6400	6
A128	1	#13	STR	6460	6
A129	1	#13	STR	6520	6
A130	1	#13	STR	6580	7
A131	1	#13	STR	6640	7
A132	1	#13	STR	6700	7
A133	1	#13	STR	6760	7
A134	1	#13	STR	6820	7
A135	1	#13	STR	6880	7
A136	1	#13	STR	6940	7
A137	1	#13	STR	7000	7
A138	1	#13	STR	6800	7
A139	1	#13	STR	6600	7
A140	1	#13	STR	6400	6
A141	1	#13	STR	6190	6
A142	1	#13	STR	5980	6
A143	1	#13	STR	5780	6
A144	1	#13	STR	5580	6
A145	1	#13	STR	5380	5
A146	1	#13	STR	5180	5
A147	1	#13	STR	4980	5
A148	1	#13	STR	4780	5
A149	1	#13	STR	4580	5
A150	1	#13	STR	4360	4
A151	1	#13	STR	4160	4
A152	1	#13	STR	3960	4
A153	1	#13	STR	3760	4
A154	1	#13	STR	3560	4
A155	1	#13	STR	3360	3
A156	1	#13	STR	3160	3
A157	1	#13	STR	2940	3
A158	1	#13	STR	2740	3
A159	1	#13	STR	2540	3
A160	1	#13	STR	2340	2
A161	1	#13	STR	2140	2
A162	1	#13	STR	1940	2
A163	1	#13	STR	1740	2
A164	1	#13	STR	1540	2
A165	1	#13	STR	1340	1
A166	1	#13	STR	1240	1
A167	2	#13	STR	920	2
A168	2	#13	STR	1220	3
A169	2	#13	STR	1620	3
A170	2	#13	STR	2040	4
A171	2	#13	STR	2440	5
A172	2	#13	STR	2840	6
A173	2	#13	STR	3240	7
A174	2	#13	STR	3640	7
A175	2	#13	STR	4040	8
A176	2	#13	STR	4460	9
A177	2	#13	STR	4860	10
A178	2	#13	STR	5260	11
A179	2	#13	STR	5660	12
A180	2	#13	STR	6060	12
A181	2	#13	STR	6460	13
A182	2	#13	STR	6880	14
A183	2	#13	STR	7280	14
A184	2	#13	STR	7680	15
A185	2	#13	STR	8100	16
A186	2	#13	STR	8900	18
A187	2	#13	STR	8380	17
A188	2	#13	STR	7860	16
A189	2	#13	STR	7340	15
A190	2	#13	STR	6820	14
A191	2	#13	STR	6300	13
A192	2	#13	STR	5780	11
A193	2	#13	STR	5260	10
A194	2	#13	STR	4740	9
A195	2	#13	STR	4220	8
A196	2	#13	STR	3700	7
A197	2	#13	STR	3180	6
A198	2	#13	STR	2660	5
A199	2	#13	STR	2140	4
A200	2	#13	STR	1620	3
A201	2	#13	STR	1100	2
A202	6	#13	STR	1000	6
✳A300	1	#16	STR	480	1
✳A301	1	#16	STR	680	1
✳A302	1	#16	STR	880	1
✳A303	1	#16	STR	1080	2
✳A304	1	#16	STR	1280	2
✳A305	1	#16	STR	1480	2
✳A306	1	#16	STR	1680	3
✳A307	1	#16	STR	1880	3
✳A308	1	#16	STR	2100	3
✳A309	1	#16	STR	2300	4
✳A310	1	#16	STR	2500	4
✳A311	1	#16	STR	2700	4
✳A312	1	#16	STR	2910	5
✳A313	1	#16	STR	3100	5
✳A314	1	#16	STR	3300	5
✳A315	1	#16	STR	3500	5
✳A316	1	#16	STR	3720	6
✳A317	1	#16	STR	3920	6
✳A318	1	#16	STR	4120	6
✳A319	1	#16	STR	4320	7
✳A320	1	#16	STR	4540	7
✳A321	1	#16	STR	4700	7
✳A322	1	#16	STR	4900	8
✳A323	1	#16	STR	5100	8
✳A324	1	#16	STR	5320	8
✳A325	1	#16	STR	5520	9
✳A326	1	#16	STR	5720	9
✳A327	1	#16	STR	5920	9
✳A328	1	#16	STR	6120	9
✳A329	1	#16	STR	6320	10
✳A330	1	#16	STR	6520	10
✳A331	1	#16	STR	6720	10
✳A332	1	#16	STR	6940	11
✳A333	1	#16	STR	7140	11
✳A334	1	#16	STR	7340	11
✳A335	1	#16	STR	7540	12
✳A336	1	#16	STR	7740	12
✳A337	1	#16	STR	7940	12
✳A338	1	#16	STR	8140	13
✳A339	1	#16	STR	8340	13
✳A340	1	#16	STR	8560	13
✳A341	1	#16	STR	8760	14
✳A342	1	#16	STR	8960	14
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✳A344	1	#16	STR	9360	15
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✳A348	1	#16	STR	10180	16
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✳A351	1	#16	STR	10780	17
✳A352	1	#16	STR	10980	17
✳A353	1	#16	STR	11180	17
✳A354	1	#16	STR	11380	18
✳A355	1	#16	STR	11580	18
✳A356	1	#16	STR	11800	18
✳A357	1	#16	STR	12000	19
✳A358	1	#16	STR	12200	19
✳A359	1	#16	STR	12400	19
✳A360	1	#16	STR	12600	20
✳A361	1	#16	STR	12800	20
✳A362	1	#16	STR	13000	20
✳A363	1	#16	STR	13200	20
✳A364	1	#16	STR	13400	21
✳A365	1	#16	STR	13600	21
✳A366	1	#16	STR	13700	21
✳A367	1	#16	STR	13900	22
✳A368	1	#16	STR	14180	22
✳A369	1	#16	STR	14120	22
✳A370	1	#16	STR	14060	22
✳A371	1	#16	STR	14000	22
✳A372	1	#16	STR	13940	22
✳A373	1	#16	STR	13880	22
✳A374	1	#16	STR	13820	21
✳A375	1	#16	STR	13760	21
✳A376	1	#16	STR	13700	21
✳A377	1	#16	STR	13640	21
✳A378	1	#16	STR	13580	21
✳A379	1	#16	STR	13520	21
✳A380	1	#16	STR	13460	21
✳A381	1	#16	STR	13400	21
✳A382	1	#16	STR	13340	21
✳A383	1	#16	STR	13280	21
✳A384	1	#16	STR	13220	21
✳A385	1	#16	STR	13160	20
✳A386	1	#16	STR	13100	20
✳A387	1	#16	STR	13040	20
✳A388	1	#16	STR	12980	20
✳A389	1	#16	STR	12920	20
✳A390	1	#16	STR	12980	20
✳A391	1	#16	STR	12720	20
✳A392	1	#16	STR	12460	19
✳A393	1	#16	STR	12200	19
✳A394	1	#16	STR	11940	19
✳A395	1	#16	STR	11680	18
✳A396	1	#16	STR	11420	18
✳A397	1	#16	STR	11160	17
✳A398	1	#16	STR	10900	17
✳A399	1	#16	STR	10640	17
✳A400	1	#16	STR	10380	16
✳A401	1	#16	STR	10120	16
✳A402	1	#16	STR	9860	15
✳A403	1	#16	STR	9600	15
✳A404	1	#16	STR	9340	14
✳A405	1	#16	STR	9080	14
✳A406	1	#16	STR	8820	13
✳A407	1	#16	STR	8560	13
✳A408	1	#16	STR	8300	13
✳A409	1	#16	STR	8040	12
✳A410	1	#16	STR	7780	12
✳A411	1	#16	STR	7520	12
✳A412	1	#16	STR	7260	11
✳A413	1	#16	STR	7000	11
✳A414	1	#16	STR	6740	10
✳A415	1	#16	STR	6480	10
✳A416	1	#16	STR	6220	10
✳A417	1	#16	STR	5960	9
✳A418	1	#16	STR	5700	9
✳A419	1	#16	STR	5440	8
✳A420	1	#16	STR	5180	8
✳A421	1	#16	STR	4920	8
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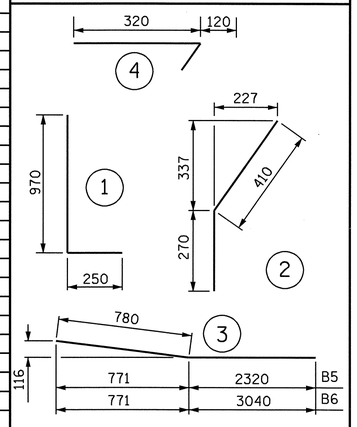
✳A424	1	#16	STR	4140	6
✳A425	1	#16	STR	3880	6
✳A426	1	#16	STR	3620	5
✳A427	1	#16	STR	3360	5
✳A428	1	#16	STR	3100	5
✳A429	1	#16	STR	2840	4
✳A430	1	#16	STR	2580	4
✳A431	1	#16	STR	2320	3
✳A432	1	#16	STR	2060	3
✳A433	1	#16	STR	1800	3
✳A434	1	#16	STR	1540	2
✳A435	1	#16	STR	1280	2
✳A436	1	#16	STR	1020	2
✳A437	6	#16	STR	1000	9
B100	1	#25	STR	10540	42
B101	5	#25	STR	7420	147
B102	5	#25	STR	7680	153
B103	5	#25	STR	7800	155
B104	5	#25	STR	7920	157
B105	5	#25	STR	8060	160
B106	5	#25	STR	8180	162
B107	5	#25	STR	8300	165
B108	5	#25	STR	8420	167
B109	5	#25	STR	8540	170
B110	5	#25	STR	8660	172
B111	5	#25	STR	8780	174
B112	5	#25	STR	8900	177
B113	5	#25	STR	9020	179
B114	5	#25	STR	9140	182
B115	5	#25	STR	9260	184
B116	5	#25	STR	9380	187
B117	5	#25	STR	9520	189
B118	5	#25	STR	9640	191
B119	5	#25	STR	9760	194
B120	5	#25	STR	9880	196
B121	5	#25	STR	10000	199
B122	5	#25	STR	10140	201
B123	5	#25	STR	10260	204
B124	5	#25	STR	10380	206
B125	5	#25	STR	10500	208
✳B200	1	#19	STR	10540	23
✳B201	5	#19	STR	7420	82
✳B202	5	#19	STR	7540	84
✳B203	5	#19	STR	7640	85
✳B204	5	#19	STR	7760	87
✳B205	5	#19	STR	7890	88
✳B206	5	#19	STR	8020	90
✳B207	5	#19	STR	8140	91
✳B208	5	#19	STR	8260	92
✳B209	5	#19	STR	8380	94
✳B210	5	#19	STR	8510	95
✳B211	5	#19	STR	8630	96
✳B212	5	#19	STR	8750	98
✳B213	5	#19	STR	8870	99
✳B214	5	#19	STR	9000	101
✳B215	5	#19	STR	9120	102
✳B216	5	#19	STR	9240	103
✳B217	5	#19	STR	9360	105
✳B218	5	#19	STR	9490	106
✳B219	5	#19	STR	9610	107
✳B220	5	#19	STR	9730	109
✳B221	5	#19	STR	9850	110
✳B222	5	#19	STR	9980	112
✳B223	5	#19	STR	10100	113
✳B224	5	#19	STR	10220	114
✳B225	5	#19	STR	10340	116
✳B3	7	#16	STR	4940	56
✳B4	7	#16	STR	5140	54
✳B5	1	#16	3	3820	6
✳B6	1	#16	3	3100	5
✳G1	2	#16	STR	11040	34
✳G2	2	#16	STR	12100	38
J1	78	#13	4	440	34
✳S1	59	#16	STR	980	90
✳S2	59	#16	1	1220	112
✳S3	29	#16	2	680	31

REINFORCING STEEL	Kg.	10400
✳EPOXY COATED REINFORCING STEEL	Kg.	4677

CLASS AA CONCRETE BREAKDOWN

POUR 1 SLAB	C.M.	54.3
POUR 2 RAIL	C.M.	2.6
CLASS AA CONCRETE	C.M.	56.9

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

PROJECT NO. R-513 C

ROBESON COUNTY

STATION: 277+68.339 -L-

SHEET 5 OF 5

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-209
1			3			TOTAL SHEETS
2			4			312

NORTH CAROLINA PROFESSIONAL SEAL 21545 ENGINEER STEVEN A. WANCE

04/2/04

DRAWN BY : H. A. LUCAS DATE : MAR. 2004
CHECKED BY : SWANcePE DATE : MAR. 2004

16-APR-2004 16:05
W:\SquadM\r0513c\str3\swance\Microstation\r513c03as_hl.dgn
swance

STR #4