BILL OF MATERIAL FOR ONE APPROACH SLAB (2 REQUIRED)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A100	66	#13	STR	8000	525	A150	1	#13	STR	4360	4	A197	2	#13	STR	3180	6	✳A343	1	#16	STR	9160	14	✳A393	1	#16	STR	12200	19	B104	5	#25	STR	7920	157	✳B3	7	#16	STR	4940	56
A101	1	#13	STR	2040	2	A151	1	#13	STR	4160	4	A198	2	#13	STR	2660	5	✳A344	1	#16	STR	9360	15	✳A394	1	#16	STR	11940	19	B105	5	#25	STR	8060	160	✳B4	7	#16	STR	5140	54
A102	1	#13	STR	2300	2	A152	1	#13	STR	3960	4	A199	2	#13	STR	2140	4	✳A345	1	#16	STR	9560	15	✳A395	1	#16	STR	11680	18	B106	5	#25	STR	8180	162	✳B5	1	#16	3	3820	6
A103	1	#13	STR	2560	3	A153	1	#13	STR	3760	4	A200	2	#13	STR	1620	3	✳A346	1	#16	STR	9760	15	✳A396	1	#16	STR	11420	18	B107	5	#25	STR	8300	165	✳B6	1	#16	3	3100	5
A104	1	#13	STR	2820	3	A154	1	#13	STR	3560	4	A201	2	#13	STR	1100	2	✳A347	1	#16	STR	9960	15	✳A397	1	#16	STR	11160	17	B108	5	#25	STR	8420	167						
A105	1	#13	STR	3080	3	A155	1	#13	STR	3360	3	A202	6	#13	STR	1000	6	✳A348	1	#16	STR	10180	16	✳A398	1	#16	STR	10900	17	B109	5	#25	STR	8540	170	✳G1	2	#16	STR	11040	34
A106	1	#13	STR	3340	3	A156	1	#13	STR	3160	3							✳A349	1	#16	STR	10380	16	✳A399	1	#16	STR	10640	17	B110	5	#25	STR	8660	172	✳G2	2	#16	STR	12100	38
A107	1	#13	STR	3600	4	A157	1	#13	STR	2940	3	✳A300	1	#16	STR	480	1	✳A350	1	#16	STR	10580	16	✳A400	1	#16	STR	10380	16	B111	5	#25	STR	8780	174						
A108	1	#13	STR	3860	4	A158	1	#13	STR	2740	3	✳A301	1	#16	STR	680	1	✳A351	1	#16	STR	10780	17	✳A401	1	#16	STR	10120	16	B112	5	#25	STR	8900	177	J1	78	#13	4	440	34
A109	1	#13	STR	4120	4	A159	1	#13	STR	2540	3	✳A302	1	#16	STR	880	1	✳A352	1	#16	STR	10980	17	✳A402	1	#16	STR	9860	15	B113	5	#25	STR	9020	179						
A110	1	#13	STR	4380	4	A160	1	#13	STR	2340	2	✳A303	1	#16	STR	1080	2	✳A353	1	#16	STR	11180	17	✳A403	1	#16	STR	9600	15	B114	5	#25	STR	9140	182	✳S1	59	#16	STR	980	90
A111	1	#13	STR	4640	5	A161	1	#13	STR	2140	2	✳A304	1	#16	STR	1280	2	✳A354	1	#16	STR	11380	18	✳A404	1	#16	STR	9340	14	B115	5	#25	STR	9260	184	✳S2	59	#16	1	1220	112
A112	1	#13	STR	4900	5	A162	1	#13	STR	1940	2	✳A305	1	#16	STR	1480	2	✳A355	1	#16	STR	11580	18	✳A405	1	#16	STR	9080	14	B116	5	#25	STR	9380	187	✳S3	29	#16	2	680	31
A113	1	#13	STR	5160	5	A163	1	#13	STR	1740	2	✳A306	1	#16	STR	1680	3	✳A356	1	#16	STR	11800	18	✳A406	1	#16	STR	8820	13	B117	5	#25	STR	9520	189						
A114	1	#13	STR	5420	5	A164	1	#13	STR	1540	2	✳A307	1	#16	STR	1880	3	✳A357	1	#16	STR	12000	19	✳A407	1	#16	STR	8560	13	B118	5	#25	STR	9640	191	REINFORCING STEEL				Kg.	10400
A115	1	#13	STR	5680	6	A165	1	#13	STR	1340	1	✳A308	1	#16	STR	2100	3	✳A358	1	#16	STR	12200	19	✳A408	1	#16	STR	8300	13	B119	5	#25	STR	9760	194	✳EPOXY COATED REINFORCING STEEL				Kg.	4677
A116	1	#13	STR	5740	6	A166	1	#13	STR	1240	1	✳A309	1	#16	STR	2300	4	✳A359	1	#16	STR	12400	19	✳A409	1	#16	STR	8040	12	B120	5	#25	STR	9880	196						
A117	1	#13	STR	5800	6							✳A310	1	#16	STR	2500	4	✳A360	1	#16	STR	12600	20	✳A410	1	#16	STR	7780	12	B121	5	#25	STR	10000	199						
A118	1	#13	STR	5860	6							✳A311	1	#16	STR	2700	4	✳A361	1	#16	STR	12800	20	✳A411	1	#16	STR	7520	12	B122	5	#25	STR	10140	201	CLASS AA CONCRETE BREAKDOWN					
A119	1	#13	STR	5920	6	A167	2	#13	STR	920	2	✳A312	1	#16	STR	2910	5	✳A362	1	#16	STR	13000	20	✳A412	1	#16	STR	7260	11	B123	5	#25	STR	10260	204						
A120	1	#13	STR	5980	6	A168	2	#13	STR	1220	3	✳A313	1	#16	STR	3100	5	✳A363	1	#16	STR	13200	20	✳A413	1	#16	STR	7000	11	B124	5	#25	STR	10380	206	POUR 1 SLAB				C.M.	54.3
A121	1	#13	STR	6040	6	A169	2	#13	STR	1620	3	✳A314	1	#16	STR	3300	5	✳A364	1	#16	STR	13400	21	✳A414	1	#16	STR	6740	10	B125	5	#25	STR	10500	208	POUR 2 RAIL				C.M.	2.6
A122	1	#13	STR	6100	6	A170	2	#13	STR	2040	4	✳A315	1	#16	STR	3500	5	✳A365	1	#16	STR	13600	21	✳A415	1	#16	STR	6480	10												
A123	1	#13	STR	6160	6	A171	2	#13	STR	2440	5	✳A316	1	#16	STR	3720	6	✳A366	1	#16	STR	13700	21	✳A416	1	#16	STR	6220	10	✳B200	1	#19	STR	10540	23	CLASS AA CONCRETE				C.M.	56.9
A124	1	#13	STR	6220	6	A172	2	#13	STR	2840	6	✳A317	1	#16	STR	3920	6	✳A367	1	#16	STR	13900	22	✳A417	1	#16	STR	5960	9	✳B201	5	#19	STR	7420	82						
A125	1	#13	STR	6280	6	A173	2	#13	STR	3240	7	✳A318	1	#16	STR	4120	6	✳A368	1	#16	STR	14180	22	✳A418	1	#16	STR	5700	9	✳B202	5	#19	STR	7540	84						
A126	1	#13	STR	6340	6	A174	2	#13	STR	3640	7	✳A319	1	#16	STR	4320	7	✳A369	1	#16	STR	14120	22	✳A419	1	#16	STR	5440	8	✳B203	5	#19	STR	7640	85						
A127	1	#13	STR	6400	6	A175	2	#13	STR	4040	8	✳A320	1	#16	STR	4540	7	✳A370	1	#16	STR	14060	22	✳A420	1	#16	STR	5180	8	✳B204	5	#19	STR	7760	87						
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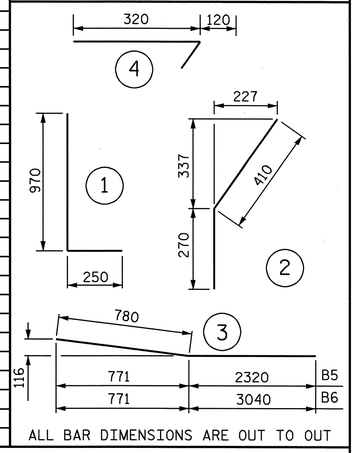
A131	1	#13	STR	6640	7	A179	2	#13	STR	5660	12	✳A324	1	#16	STR	5320	8	✳A374	1	#16	STR	13820	21	✳A424	1	#16	STR	4140	6	✳B208	5	#19	STR	8260	92						
A132	1	#13	STR	6700	7	A180	2	#13	STR	6060	12	✳A325	1	#16	STR	5520	9	✳A375	1	#16	STR	13760	21	✳A425	1	#16	STR	3880	6	✳B209	5	#19	STR	8380	94						
A133	1	#13	STR	6760	7	A181	2	#13	STR	6460	13	✳A326	1	#16	STR	5720	9	✳A376	1	#16	STR	13700	21	✳A426	1	#16	STR	3620	5	✳B210	5	#19	STR	8510	95						
A134	1	#13	STR	6820	7	A182	2	#13	STR	6880	14	✳A327	1	#16	STR	5920	9	✳A377	1	#16	STR	13640	21	✳A427	1	#16	STR	3360	5	✳B211	5	#19	STR	8630	96						
A135	1	#13	STR	6880	7	A183	2	#13	STR	7280	14	✳A328	1	#16	STR	6120	9	✳A378	1	#16	STR	13580	21	✳A428	1	#16	STR	3100	5	✳B212	5	#19	STR	8750	98						
A136	1	#13	STR	6940	7	A184	2	#13	STR	7680	15	✳A329	1	#16	STR	6320	10	✳A379	1	#16	STR	13520	21	✳A429	1	#16	STR	2840	4	✳B213	5	#19	STR	8870	99						
A137	1	#13	STR	7000	7	A185	2	#13	STR	8100	16	✳A330	1	#16	STR	6520	10	✳A380	1	#16	STR	13460	21	✳A430	1	#16	STR	2580	4	✳B214	5	#19	STR	9000	101						
A138	1	#13	STR	6800	7							✳A331	1	#16	STR	6720	10	✳A381	1	#16	STR	13400	21	✳A431	1	#16	STR	2320	3	✳B215	5	#19	STR	9120	102						
A139	1	#13	STR	6600	7	A186	2	#13	STR	8900	18	✳A332	1	#16	STR	6940	11	✳A382	1	#16	STR	13340	21	✳A432	1	#16	STR	2060	3	✳B216	5	#19	STR	9240	103						
A140	1	#13	STR	6400	6	A187	2	#13	STR	8380	17	✳A333	1	#16	STR	7140	11	✳A383	1	#16	STR	13280	21	✳A433	1	#16	STR	1800	3	✳B217	5	#19	STR	9360	105						
A141	1	#13	STR	6190	6	A188	2	#13	STR	7860	16	✳A334	1	#16	STR	7340	11	✳A384	1	#16	STR	13220	21	✳A434	1	#16	STR	1540	2	✳B218	5	#19	STR	9490	106						
A142	1	#13	STR	5980	6	A189	2	#13	STR	7340	15	✳A335	1	#16	STR	7540	12	✳A385	1	#16	STR	13160	20	✳A435	1	#16	STR	1280	2	✳B219	5	#19	STR	9610	107						
A143	1	#13	STR	5780	6	A190	2	#13	STR	6820	14	✳A336	1	#16	STR	7740	12	✳A386	1	#16	STR	13100	20	✳A436	1	#16	STR	1020	2	✳B220	5	#19	STR	9730	109						
A144	1	#13	STR	5580	6	A191	2	#13	STR	6300	13	✳A337	1	#16	STR	7940	12	✳A387	1	#16	STR	13040	20	✳A437	6	#16	STR	1000	9	✳B221	5	#19	STR	9850	110						
A145	1	#13	STR	5380	5	A192	2	#13	STR	5780	11	✳A338	1	#16	STR	8140	13	✳A388	1	#16	STR	12980	20							✳B222	5	#19	STR	9980	112						
A146	1	#13	STR	5180	5	A193	2	#13	STR	5260	10	✳A339	1	#16	STR	8340	13	✳A389	1	#16	STR	12920	20	B100	1	#25	STR	10540	42	✳B223	5	#19	STR	10100	113						
A147	1	#13	STR	4980	5	A194	2	#13	STR	4740	9	✳A340	1	#16	STR	8560	13	✳A390	1	#16	STR	12980	20	B101	5	#25	STR	7420	147	✳B224	5	#19	STR	10220	114						
A148	1	#13	STR	4780	5	A195	2	#13	STR	4220	8	✳A341	1	#16	STR	8760	14	✳A391	1	#16	STR	12720	20	B102	5	#25	STR	7680	153	✳B225	5	#19	STR	10340	116						
A149	1	#13	STR	4580	5	A196	2	#13	STR	3700	7	✳A342	1	#16	STR	8960	14	✳A392	1	#16	STR	12460	19	B103	5	#25	STR	7800	155												

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

NORTH CAROLINA PROFESSIONAL SEAL 21545 ENGINEER STEVEN K. MANCE

04/27/04

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-169
1			3			TOTAL SHEETS
2			4			312

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

16-APR-2004 16:04
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swance

STR #3