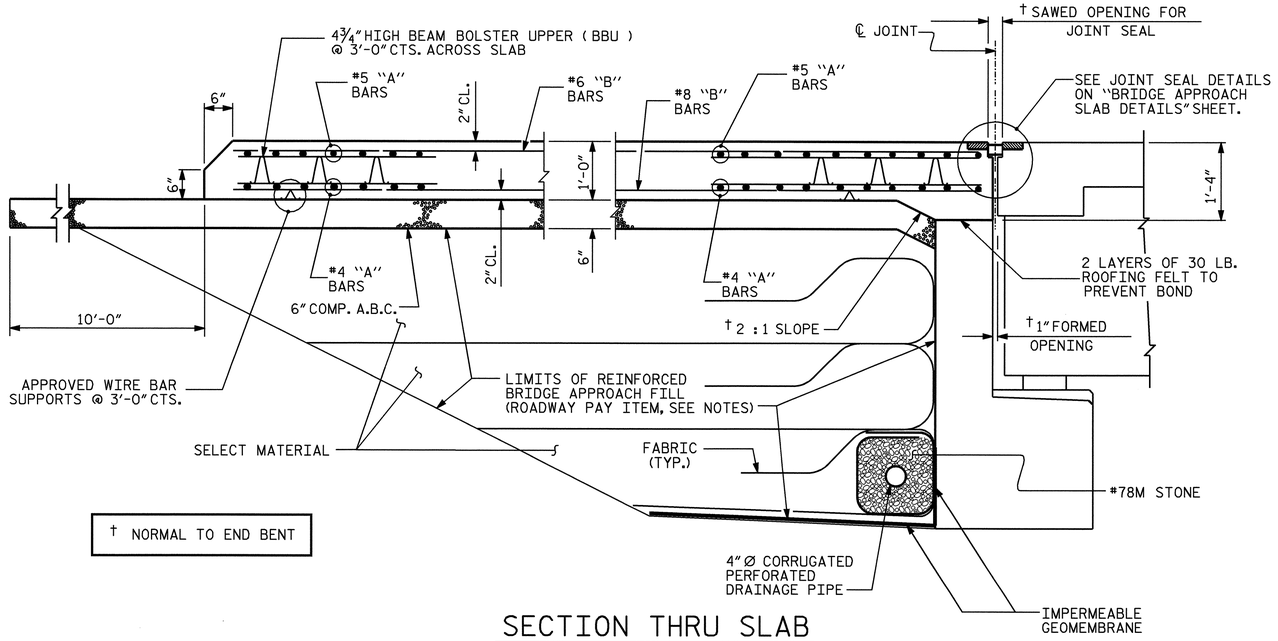


SECTION THRU SLAB

BILL OF MATERIAL

APPROACH SLAB @ E.B. No. 1

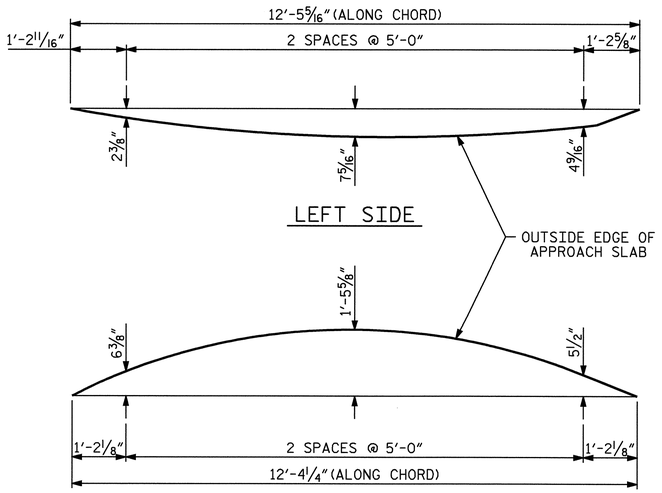
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ A1	4	#5	STR	30'-0"	125
✳ A2	2	#5	STR	30'-4"	63
✳ A3	2	#5	STR	30'-8"	64
✳ A4	2	#5	STR	31'-2"	65
✳ A5	2	#5	STR	31'-9"	66
✳ A6	2	#5	STR	32'-6"	68
✳ A7	2	#5	STR	33'-4"	70
✳ A8	2	#5	STR	34'-4"	72
✳ A9	2	#5	STR	35'-5"	74
✳ A10	2	#5	STR	36'-8"	76
✳ A11	1	#5	STR	38'-2"	40
A12	48	#4	STR	20'-0"	641
✳ B1	61	#6	STR	11'-3"	1031
B2	61	#8	STR	11'-8"	1900
✳ B101	1	#6	STR	8'-6"	13
✳ B102	1	#6	STR	6'-11"	10
✳ B103	1	#6	STR	6'-0"	9
✳ B104	1	#6	STR	4'-9"	7
✳ B105	1	#6	STR	3'-7"	5
✳ B106	1	#6	STR	2'-7"	4
✳ B107	1	#6	STR	1'-7"	2
✳ B108	1	#6	STR	6'-3"	9
✳ B109	1	#6	STR	4'-10"	7
✳ B110	1	#6	STR	3'-9"	6
✳ B111	1	#6	STR	3'-3"	5
✳ B112	1	#6	STR	2'-6"	4
✳ B113	1	#6	STR	1'-10"	3
B201	1	#8	STR	8'-11"	24
B202	1	#8	STR	7'-4"	20
B203	1	#8	STR	6'-0"	16
B204	1	#8	STR	4'-9"	13
B205	1	#8	STR	3'-7"	10
B206	1	#8	STR	2'-7"	7
B207	1	#8	STR	1'-7"	4
B208	1	#8	STR	6'-8"	18
B209	1	#8	STR	5'-2"	14
B210	1	#8	STR	4'-1"	11
B211	1	#8	STR	3'-3"	9
B212	1	#8	STR	2'-6"	7
B213	1	#8	STR	1'-10"	5
REINFORCING STEEL = 2699 LBS					
✳ EPOXY COATED REINF. STEEL = 1898 LBS					
CLASS AA CONCRETE = 15.2 C.Y.					

APPROACH SLAB @ END BENT No. 2

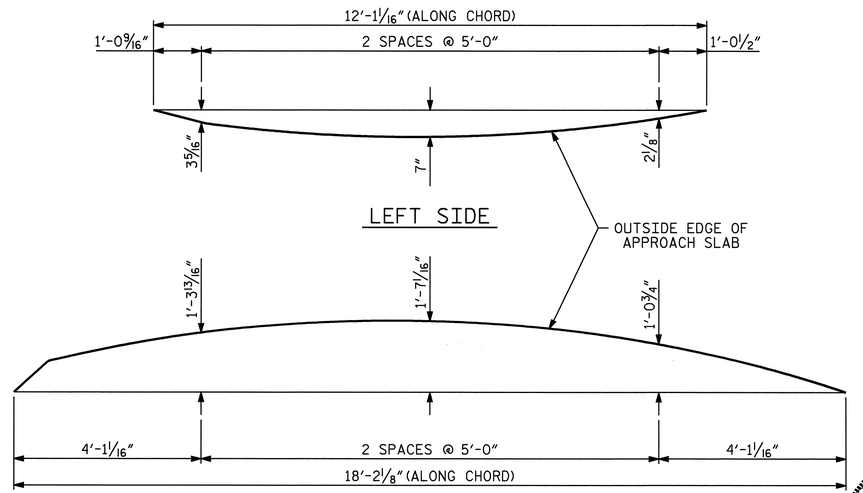
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ A13	2	#5	STR	36'-3"	76
✳ A14	1	#5	STR	36'-7"	38
✳ A15	1	#5	STR	37'-0"	39
✳ A16	1	#5	STR	37'-6"	39
✳ A17	1	#5	STR	38'-0"	40
✳ A18	1	#5	STR	38'-6"	40
✳ A19	1	#5	STR	39'-1"	41
✳ A20	1	#5	STR	39'-8"	41
✳ A21	1	#5	STR	40'-3"	42
✳ A22	1	#5	STR	40'-11"	43
✳ A23	1	#5	STR	41'-7"	43
✳ A24	1	#5	STR	42'-4"	44
✳ A25	1	#5	STR	43'-1"	45
✳ A26	1	#5	STR	43'-11"	46
✳ A27	1	#5	STR	44'-9"	47
✳ A28	1	#5	STR	45'-8"	48
✳ A29	1	#5	STR	46'-7"	49
✳ A30	1	#5	STR	47'-7"	50
✳ A31	1	#5	STR	48'-8"	51
✳ A32	1	#5	STR	49'-10"	52
✳ A33	1	#5	STR	51'-1"	53
✳ A34	1	#5	STR	52'-6"	55
A35	4	#4	STR	19'-0"	51
A36	4	#4	STR	19'-2"	51
A37	4	#4	STR	19'-8"	53
A38	4	#4	STR	20'-2"	54
A39	4	#4	STR	20'-9"	55
A40	4	#4	STR	21'-4"	57
A41	4	#4	STR	22'-1"	59
A42	4	#4	STR	22'-10"	61
A43	4	#4	STR	23'-9"	63
A44	4	#4	STR	24'-8"	66
A45	4	#4	STR	25'-10"	69
A46	4	#4	STR	27'-2"	73
✳ B1	73	#6	STR	11'-3"	1234
B2	73	#8	STR	11'-8"	2274

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ B114	1	#6	STR	8'-2"	12
✳ B115	1	#6	STR	5'-11"	9
✳ B116	1	#6	STR	4'-2"	6
✳ B117	1	#6	STR	2'-8"	4
✳ B118	1	#6	STR	1'-5"	2
✳ B119	2	#6	STR	9'-5"	28
✳ B120	2	#6	STR	8'-3"	25
✳ B121	2	#6	STR	7'-3"	22
✳ B122	2	#6	STR	6'-3"	19
✳ B123	2	#6	STR	5'-4"	16
✳ B124	2	#6	STR	4'-7"	14
✳ B125	2	#6	STR	3'-10"	12
✳ B126	2	#6	STR	3'-1"	9
✳ B127	2	#6	STR	2'-6"	8
✳ B128	2	#6	STR	1'-11"	6
✳ B129	2	#6	STR	1'-4"	4
✳ B130	1	#6	STR	1'-1"	2
B214	1	#8	STR	8'-2"	22
B215	1	#8	STR	5'-11"	16
B216	1	#8	STR	4'-2"	11
B217	1	#8	STR	2'-8"	7
B218	1	#8	STR	1'-5"	4
B219	2	#8	STR	9'-10"	53
B220	2	#8	STR	8'-8"	46
B221	2	#8	STR	7'-8"	41
B222	2	#8	STR	6'-8"	36
B223	2	#8	STR	5'-9"	31
B224	2	#8	STR	5'-0"	27
B225	2	#8	STR	4'-3"	23
B226	2	#8	STR	3'-6"	19
B227	2	#8	STR	2'-11"	16
B228	2	#8	STR	2'-4"	12
B229	2	#8	STR	1'-9"	9
B230	1	#8	STR	1'-6"	4

REINFORCING STEEL	= 3363 LBS
✳ EPOXY COATED REINF. STEEL	= 2454 LBS
CLASS AA CONCRETE	= 19.7 C.Y.



ARC OFFSETS @ END BENT No. 1



ARC OFFSETS @ END BENT No. 2

NORTH CAROLINA PROFESSIONAL SEAL 11310 ENGINEER DOUGLAS E. PETREY 2/21/05

PROJECT NO. B-3922

WATAUGA COUNTY

STATION: 11+06.50 -L-

SHEET 2 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD
BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT WITH REINFORCED BRIDGE APPROACH FILL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-37
1			3			TOTAL SHEETS
2			4			41

ASSEMBLED BY : B.N. GRADY	DATE : 10/04	
CHECKED BY : A.R. CHESSON	DATE : 10/04	
DRAWN BY : EEM 3/95	REV. 10/17/00	RWW/LES
CHECKED BY : VAP 3/95	REV. 7/10/01	LES/RDR
	REV. 5/7/03R	RWW/JTE

24-FEB-2005 11:20
W:\squadw\b3922\bgrady\Microstation\B3922_SD_AS_01.DGN
achesson

STD. NO. BAS4