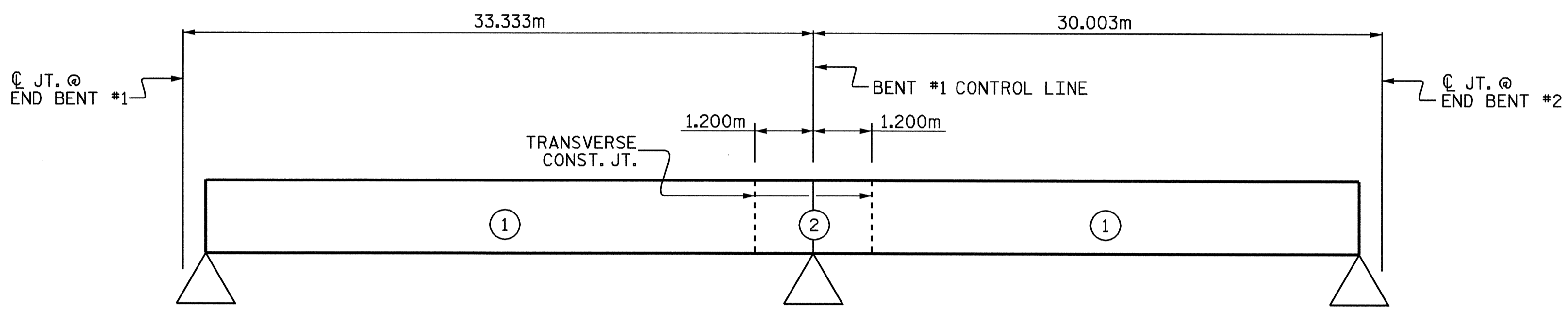
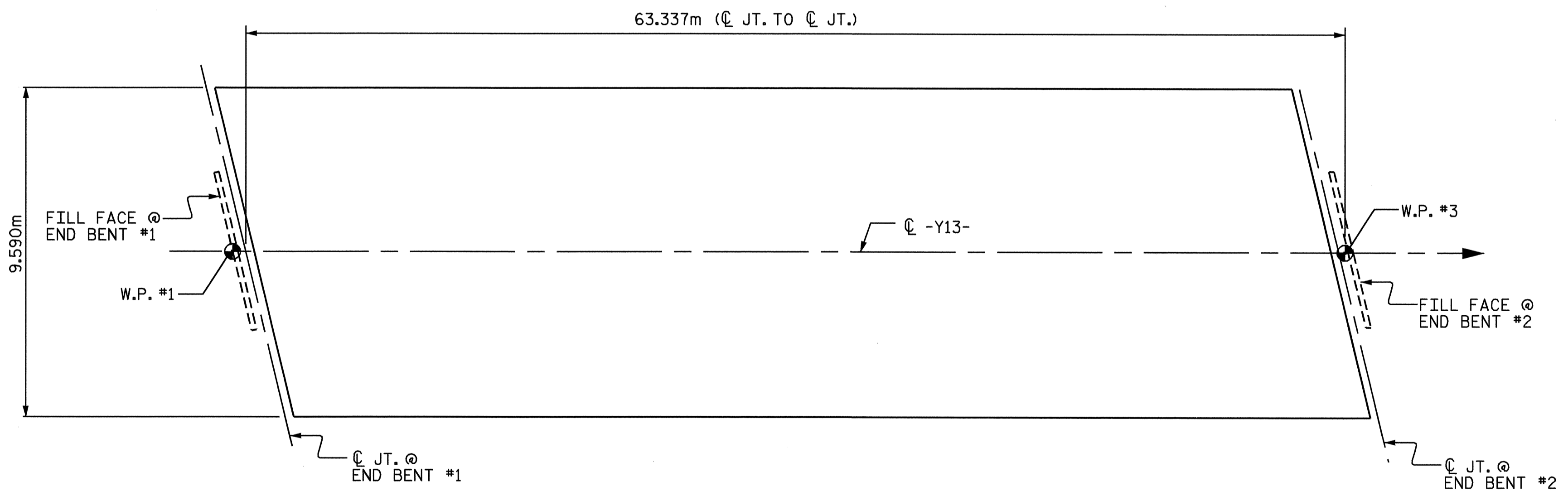


POURING SEQUENCE

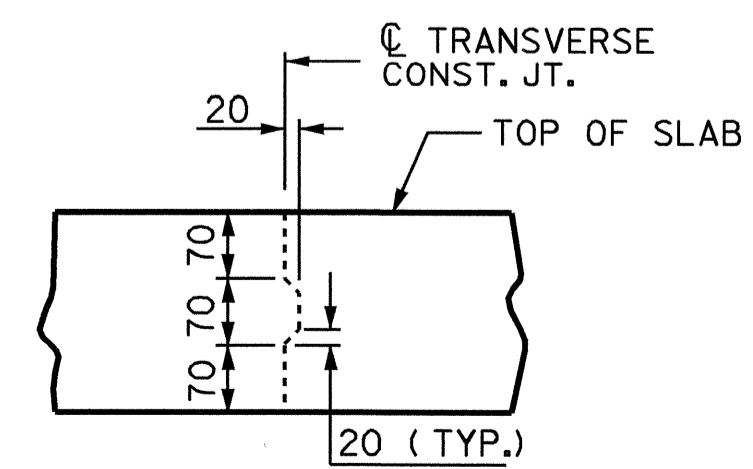


OPTIONAL POURING SEQUENCE

POUR ② CAN NOT BE STARTED UNTIL BOTH ADJACENT ① POURS REACH A MINIMUM OF 20.7Mpa



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. METER = 607.4m)



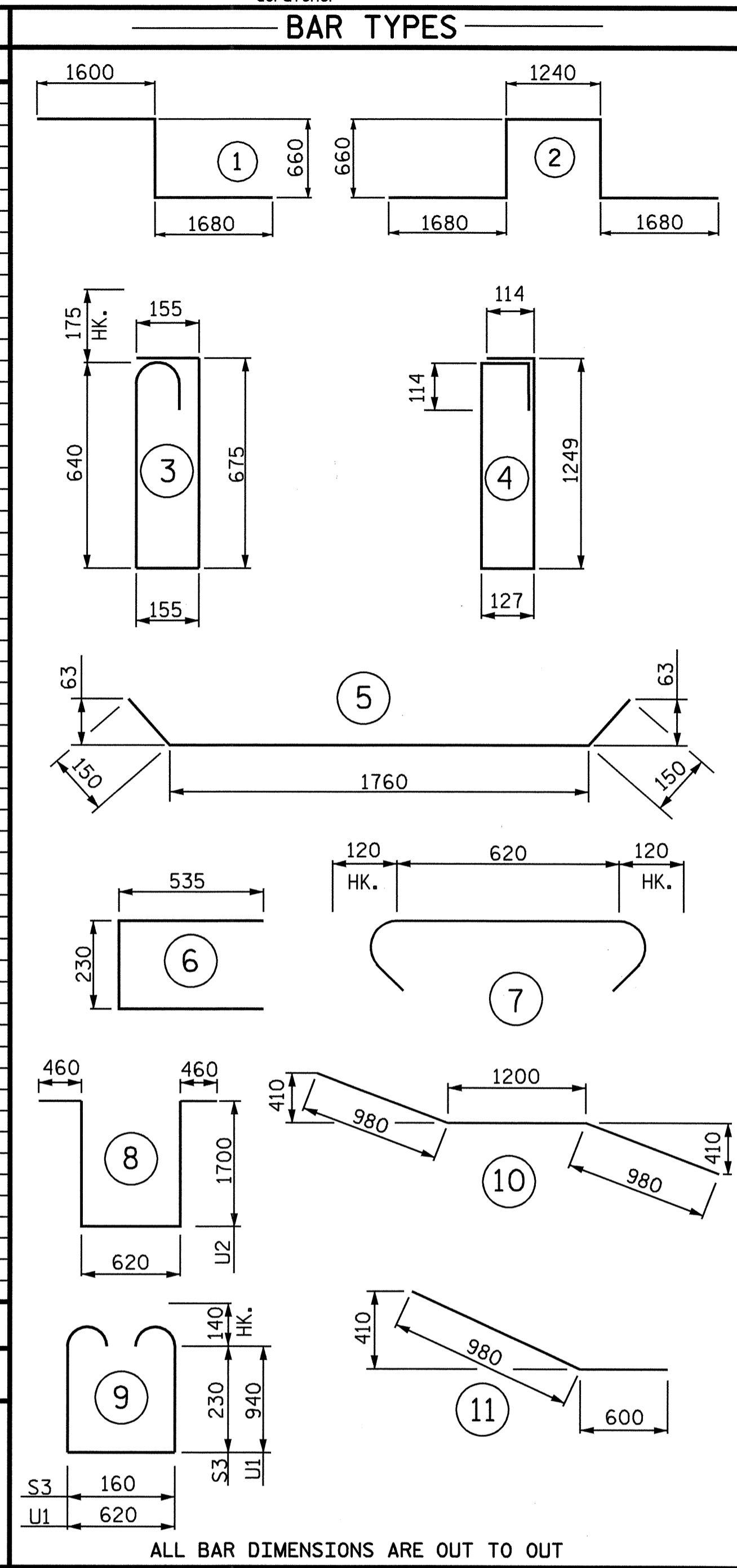
TRANSVERSE CONSTRUCTION JOINT DETAIL

NOTE: REINFORCING STEEL IN SLAB NOT SHOWN. LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT.

BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	305	16	STR.	9500	4497
A2	305	16	STR.	9500	4497
* A101	2	16	STR.	8860	28
* A102	2	16	STR.	8020	25
* A103	2	16	STR.	7200	22
* A104	2	16	STR.	6360	20
* A105	2	16	STR.	5520	17
* A106	2	16	STR.	4700	15
* A107	2	16	STR.	3860	12
* A108	2	16	STR.	3020	9
* A109	2	16	STR.	2200	7
* A110	2	16	STR.	1360	4
A201	2	16	STR.	8860	28
A202	2	16	STR.	8020	25
A203	2	16	STR.	7200	22
A204	2	16	STR.	6360	20
A205	2	16	STR.	5520	17
A206	2	16	STR.	4700	15
A207	2	16	STR.	3860	12
A208	2	16	STR.	3020	9
A209	2	16	STR.	2200	7
A210	2	16	STR.	1360	4
* B1	75	13	STR.	8200	611
* B2	50	22	STR.	11800	1795
* B3	24	22	STR.	9500	694
* B4	75	13	STR.	7400	552
B5	96	16	STR.	16320	2432
* G1	2	16	STR.	9740	30
* K1	8	25	1	3940	125
* K2	8	25	2	5920	188
K3	12	19	STR.	1320	35
K4	24	16	STR.	2220	83
K5	12	16	5	2060	38
K6	48	16	STR.	2220	165
K7	12	13	STR.	1340	16
K8	24	13	STR.	2220	53
K9	12	13	11	1580	19
K10	12	13	10	3160	38
* S1	30	13	6	1300	39
* S2	30	16	3	1800	84
S3	12	16	9	900	17
S4	42	13	4	2980	124
S5	87	13	7	860	74
U1	6	13	9	2780	17
* U2	15	13	8	4940	74

REINFORCING STEEL	7,767 kg
EPOXY COATED REINF. STEEL	8,848 kg
CLASS AA CONCRETE	
SPANS A & B	
POUR #1	82.6 C.M.
POUR #2	99.8 C.M.
TOTAL CONCRETE	182.4 C.M.

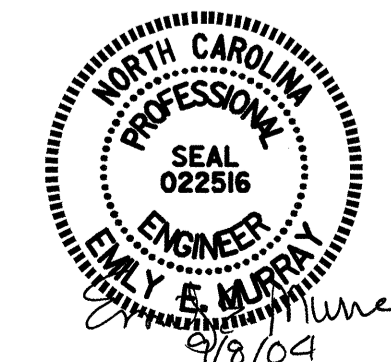
GROOVING BRIDGE FLOORS	
BRIDGE DECK	485.4 SQ.METER
APPROACH SLABS	130.4 SQ.METER
TOTAL	615.8 SQ.METER



BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#13	610	540	610	540	840
#16	770	660	770	660	1050
#19	920	790	1190	790	1330
#22	1580	1060			
#25	2080	1390			

SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

PROJECT NO. R-2206C
 LINCOLN-CATAWBA COUNTY
 STATION: 216+60.508-L-



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
BILL OF MATERIAL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-117
1			3			TOTAL SHEETS
2			4			374

ASSEMBLED BY : M.D.PISO DATE : 8/03
 CHECKED BY : M.M.PARSONS DATE : 8/03
 DRAWN BY : JMB 5/87 REV. 5/16/97 EEM/RGW
 CHECKED BY : SJD 9/87