

BILL OF MATERIAL FOR ONE CORED SLAB UNIT - SPAN A							
BAR	NUMBER	SIZE	TYPE	EXTERIOR UNIT		INTERIOR UNIT	
				LENGTH	WEIGHT	LENGTH	WEIGHT
B1	4	#4	STR	25'-2"	67	25'-2"	67
S1	8	#5	3	4'-3"	35	4'-3"	35
S2	116	#4	3	5'-4"	413	5'-4"	413
* S3	59	#5	1	5'-7"	344		
REINFORCING STEEL				LBS.	515		515
* EPOXY COATED REINFORCING STEEL				LBS.	344		
6500 P.S.I. CONCRETE				CU. YDS.	7.3		7.3
0.6" Ø L.R. STRANDS				No.	19		19

CORED SLABS REQUIRED			
	NUMBER	LENGTH	TOTAL
INTERIOR C.S.	10	48'-9 ³ / ₈ "	487'-7 ¹ / ₄ "
EXTERIOR C.S.	2	48'-9 ³ / ₈ "	97'-6 ³ / ₄ "
TOTAL	12		585'-1 ¹ / ₂ "

BILL OF MATERIAL FOR ONE CORED SLAB UNIT SPANS B, C, D, E, G, H, J, K, M, N, P, O, S, T, V, Z, BB, CC, EE, FF, HH, II, KK, LL, NN, OO, PP, QQ, RR, SS, AND TT							
BAR	NUMBER	SIZE	TYPE	EXTERIOR UNIT		INTERIOR UNIT	
				LENGTH	WEIGHT	LENGTH	WEIGHT
B2	4	#4	STR	25'-8"	69	25'-8"	69
S1	8	#5	3	4'-3"	35	4'-3"	35
S2	118	#4	3	5'-4"	420	5'-4"	420
* S3	60	#5	1	5'-7"	349		
REINFORCING STEEL				LBS.	524		524
* EPOXY COATED REINFORCING STEEL				LBS.	349		
6500 P.S.I. CONCRETE				CU. YDS.	7.3		7.3
0.6" Ø L.R. STRANDS				No.	19		19

CORED SLABS REQUIRED			
	NUMBER	LENGTH	TOTAL
INTERIOR C.S.	310	49'-10 ¹ / ₂ "	15461'-3"
EXTERIOR C.S.	62	49'-10 ¹ / ₂ "	3092'-3"
TOTAL	372		18553'-6"

BILL OF MATERIAL FOR ONE CORED SLAB UNIT SPANS F, I, L, O, R, U, AA, DD, GG, JJ, AND MM							
BAR	NUMBER	SIZE	TYPE	EXTERIOR UNIT		INTERIOR UNIT	
				LENGTH	WEIGHT	LENGTH	WEIGHT
B2	4	#4	STR	25'-8"	69	25'-8"	69
S1	8	#5	3	4'-3"	35	4'-3"	35
S2	118	#4	3	5'-4"	420	5'-4"	420
* S3	60	#5	1	5'-7"	349		
REINFORCING STEEL				LBS.	524		524
* EPOXY COATED REINFORCING STEEL				LBS.	349		
6500 P.S.I. CONCRETE				CU. YDS.	7.3		7.3
0.6" Ø L.R. STRANDS				No.	19		19

CORED SLABS REQUIRED			
	NUMBER	LENGTH	TOTAL
INTERIOR C.S.	110	49'-10 ³ / ₈ "	5485'-1 ¹ / ₄ "
EXTERIOR C.S.	22	49'-10 ³ / ₈ "	1097'-0 ¹ / ₄ "
TOTAL	132		6582'-1 ¹ / ₂ "

BILL OF MATERIAL FOR ONE CORED SLAB UNIT - SPANS W AND Y							
BAR	NUMBER	SIZE	TYPE	EXTERIOR UNIT		INTERIOR UNIT	
				LENGTH	WEIGHT	LENGTH	WEIGHT
B2	4	#4	STR	25'-8"	69	25'-8"	69
S1	8	#5	3	4'-3"	35	4'-3"	35
S2	104	#4	3	5'-4"	371	5'-4"	371
* S3	58	#5	1	5'-7"	338		
REINFORCING STEEL				LBS.	475		475
* EPOXY COATED REINFORCING STEEL				LBS.	338		
6500 P.S.I. CONCRETE				CU. YDS.	7.3		7.3
0.6" Ø L.R. STRANDS				No.	19		19

CORED SLABS REQUIRED			
	NUMBER	LENGTH	TOTAL
INTERIOR C.S.	20	49'-10 ¹ / ₂ "	997'-6"
EXTERIOR C.S.	4	49'-10 ¹ / ₂ "	199'-6"
TOTAL	24		1197'-0"

BILL OF MATERIAL FOR ONE CORED SLAB UNIT - SPAN X							
BAR	NUMBER	SIZE	TYPE	EXTERIOR UNIT		INTERIOR UNIT	
				LENGTH	WEIGHT	LENGTH	WEIGHT
B2	4	#4	STR	25'-8"	69	25'-8"	69
S1	8	#5	3	4'-3"	35	4'-3"	35
S2	104	#4	3	5'-4"	371	5'-4"	371
* S3	58	#5	1	5'-7"	338		
REINFORCING STEEL				LBS.	475		475
* EPOXY COATED REINFORCING STEEL				LBS.	338		
6500 P.S.I. CONCRETE				CU. YDS.	7.3		7.3
0.6" Ø L.R. STRANDS				No.	19		19

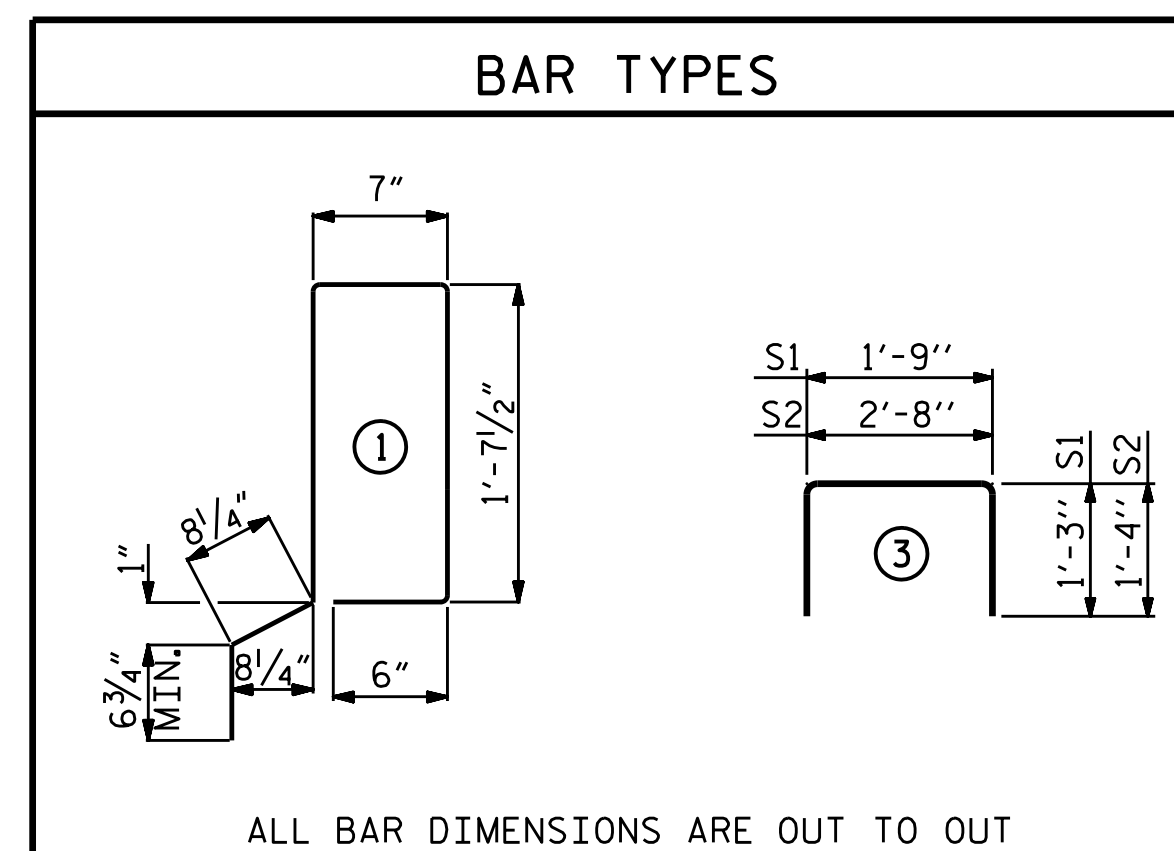
CORED SLABS REQUIRED			
	NUMBER	LENGTH	TOTAL
INTERIOR C.S.	10	49'-10 ³ / ₈ "	498'-7 ³ / ₄ "
EXTERIOR C.S.	2	49'-10 ³ / ₈ "	99'-8 ³ / ₄ "
TOTAL	12		598'-4 ¹ / ₂ "

BILL OF MATERIAL FOR ONE CORED SLAB UNIT - SPAN UU							
BAR	NUMBER	SIZE	TYPE	EXTERIOR UNIT		INTERIOR UNIT	
				LENGTH	WEIGHT	LENGTH	WEIGHT
B1	4	#4	STR	25'-2"	67	25'-2"	67
S1	8	#5	3	4'-3"	35	4'-3"	35
S2	116	#4	3	5'-4"	413	5'-4"	413
* S3	59	#5	1	5'-7"	344		
REINFORCING STEEL				LBS.	515		515
* EPOXY COATED REINFORCING STEEL				LBS.	344		
6500 P.S.I. CONCRETE				CU. YDS.	7.3		7.3
0.6" Ø L.R. STRANDS				No.	19		19

CORED SLABS REQUIRED			
	NUMBER	LENGTH	TOTAL
INTERIOR C.S.	10	48'-9 ³ / ₈ "	487'-9 ³ / ₄ "
EXTERIOR C.S.	2	48'-9 ³ / ₈ "	97'-6 ³ / ₄ "
TOTAL	12		585'-4 ¹ / ₂ "

NOTES

SEE "SUPERSTRUCTURE TABLES AND DETAILS", SHEET 7 OF 11, FOR SKEW ANGLES FOR EACH SPAN.



ASSEMBLED BY : E. K. POPE, P.E. DATE : 6/15
 CHECKED BY : B. L. GREEN, P.E. DATE : 6/15
 DRAWN BY : DGE 5/09
 CHECKED BY : BCH 6/09 REV. 11/14 MAA/TMG

PROJECT NO. B-2500AB
DARE COUNTY
 STATION: 3170+75.00 -L-

SHEET 9 OF 11



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 STANDARD
 3'-0" X 1'-9"
 PRESTRESSED CONCRETE
 CORED SLAB UNIT

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-19
1			3			TOTAL SHEETS 44
2			4			

DocuSigned by:
 Elizabeth K. Pope
 8/3/2015