REINFORCING BAR SCHEDULE
SPANS A, B, C & D

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A1	551	5	STR	40'-11"	23,515
A2	551	5	STR	40'-11"	23,515
✱ A3	6	6	STR	7'-6"	68
✱ A101	3	5	STR	39'-4"	123
✱ A102	3	5	STR	37'-9"	118
✱ A103	3	5	STR	36'-2"	113
✱ A104	3	5	STR	34'-7"	108
✱ A105	3	5	STR	33'-0"	103
✱ A106	3	5	STR	31'-5"	98
✱ A107	3	5	STR	29'-10"	93
✱ A108	3	5	STR	28'-3"	88
✱ A109	3	5	STR	26'-8"	83
✱ A110	3	5	STR	25'-0"	78
✱ A111	3	5	STR	23'-5"	73
✱ A112	3	5	STR	21'-10"	68
✱ A113	3	5	STR	20'-3"	63
✱ A114	3	5	STR	18'-8"	58
✱ A115	3	5	STR	17'-1"	53
✱ A116	3	5	STR	15'-5"	48
✱ A117	3	5	STR	13'-10"	43
✱ A118	3	5	STR	12'-3"	38
✱ A119	3	5	STR	10'-8"	33
✱ A120	3	5	STR	9'-0"	28
✱ A121	3	5	STR	7'-5"	23
✱ A122	3	5	STR	5'-10"	18
✱ A123	3	5	STR	4'-3"	13
A201	3	5	STR	39'-4"	123
A202	3	5	STR	37'-9"	118
A203	3	5	STR	36'-2"	113
A204	3	5	STR	34'-7"	108
A205	3	5	STR	33'-0"	103
A206	3	5	STR	31'-5"	98
A207	3	5	STR	29'-10"	93
A208	3	5	STR	28'-3"	88
A209	3	5	STR	26'-8"	83
A210	3	5	STR	25'-0"	78
A211	3	5	STR	23'-5"	73
A212	3	5	STR	21'-10"	68
A213	3	5	STR	20'-3"	63
A214	3	5	STR	18'-8"	58
A215	3	5	STR	17'-1"	53
A216	3	5	STR	15'-5"	48
A217	3	5	STR	13'-10"	43
A218	3	5	STR	12'-3"	38
A219	3	5	STR	10'-8"	33
A220	3	5	STR	9'-0"	28
A221	3	5	STR	7'-5"	23
A222	3	5	STR	5'-10"	18
A223	3	5	STR	4'-3"	13

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A301	3	5	STR	39'-7"	124
✱ A302	3	5	STR	38'-2"	119
✱ A303	3	5	STR	36'-9"	115
✱ A304	3	5	STR	35'-4"	111
✱ A305	3	5	STR	33'-11"	106
✱ A106	3	5	STR	32'-6"	102
✱ A107	3	5	STR	31'-1"	97
✱ A308	3	5	STR	29'-8"	93
✱ A309	3	5	STR	28'-3"	88
✱ A310	3	5	STR	26'-10"	84
✱ A311	3	5	STR	25'-5"	80
✱ A312	3	5	STR	24'-1"	75
✱ A313	3	5	STR	22'-8"	71
✱ A314	3	5	STR	21'-3"	66
✱ A315	3	5	STR	19'-10"	62
✱ A316	3	5	STR	18'-5"	58
✱ A317	3	5	STR	17'-0"	53
✱ A318	3	5	STR	15'-8"	49
✱ A319	3	5	STR	14'-3"	45
✱ A320	3	5	STR	12'-10"	40
✱ A321	3	5	STR	11'-5"	36
✱ A322	3	5	STR	10'-1"	32
✱ A323	3	5	STR	8'-8"	27
✱ A324	3	5	STR	7'-3"	23
✱ A325	3	5	STR	5'-10"	18
✱ A326	3	5	STR	4'-6"	14
✱ A327	3	5	STR	3'-1"	10
A401	3	5	STR	39'-7"	124
A402	3	5	STR	38'-2"	119
A403	3	5	STR	36'-9"	115
A404	3	5	STR	35'-4"	111
A405	3	5	STR	33'-11"	106
A406	3	5	STR	32'-6"	102
A407	3	5	STR	31'-1"	97
A408	3	5	STR	29'-8"	93
A409	3	5	STR	28'-3"	88
A410	3	5	STR	26'-10"	84
A411	3	5	STR	25'-5"	80
A412	3	5	STR	24'-1"	75
A413	3	5	STR	22'-8"	71
A414	3	5	STR	21'-3"	66
A415	3	5	STR	19'-10"	62
A416	3	5	STR	18'-5"	58
A417	3	5	STR	17'-0"	53
A418	3	5	STR	15'-8"	49
A419	3	5	STR	14'-3"	45
A420	3	5	STR	12'-10"	40
A421	3	5	STR	11'-5"	36
A422	3	5	STR	10'-1"	32
A423	3	5	STR	8'-8"	27
A424	3	5	STR	7'-3"	23
A425	3	5	STR	5'-10"	18
A426	3	5	STR	4'-6"	14
A427	3	5	STR	3'-1"	10

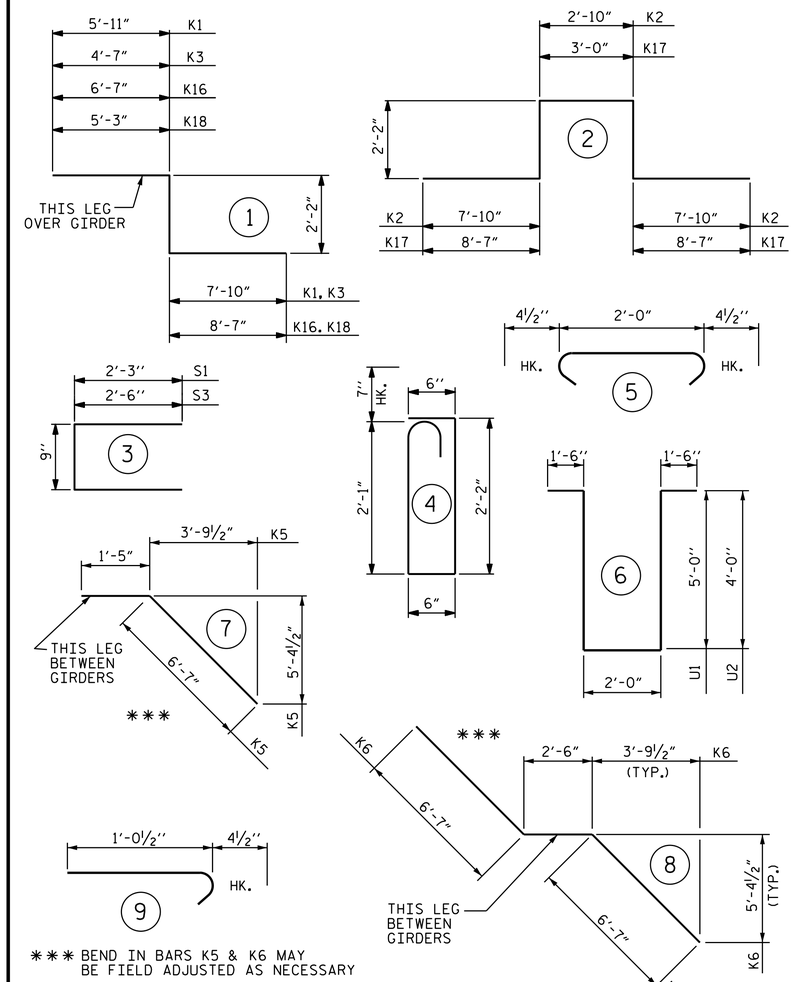
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ B1	58	#4	STR	16'-7"	643
✱ B2	29	#7	STR	54'-11"	3255
✱ B3	26	#7	STR	22'-6"	1196
✱ B4	58	#4	STR	18'-2"	704
✱ B5	58	#7	STR	38'-7"	4574
✱ B6	26	#7	STR	30'-4"	1612
✱ B7	58	#4	STR	18'-3"	707
✱ B8	58	#7	STR	33'-10"	4011
✱ B9	26	#7	STR	25'-7"	1360
✱ B10	58	#4	STR	23'-7"	914
B11	312	#5	STR	54'-6"	17,735
✱ G1	1	#5	STR	54'-5"	57
✱ G2	2	#5	STR	32'-4"	67
✱ J1	109	#4	9	1'-5"	103
✱ K1	2	#8	1	15'-11"	85
✱ K2	6	#8	2	22'-10"	366
✱ K3	2	#8	1	14'-7"	78
K4	12	#6	STR	8'-11"	161
K5	30	#4	7	8'-0"	160
K6	45	#4	8	15'-8"	471
K7	16	#4	STR	9'-0"	96
K8	16	#4	STR	10'-5"	111
K9	8	#4	STR	6'-8"	36
K10	16	#4	STR	9'-4"	100
K11	16	#4	STR	10'-10"	116
K12	8	#4	STR	6'-11"	37
K13	16	#4	STR	9'-9"	104
K14	16	#4	STR	11'-3"	120
K15	8	#4	STR	7'-3"	39
✱ K16	2	#8	1	17'-4"	93
✱ K17	6	#8	2	24'-6"	392
✱ K18	2	#8	1	16'-0"	85
K19	12	#6	STR	10'-2"	183
✱ S1	36	4	3	5'-3"	126
✱ S2	76	5	4	5'-10"	462
✱ S3	40	4	3	5'-9"	154
S4	360	4	5	2'-9"	661
U1	72	4	6	15'-0"	721
U2	24	4	6	13'-0"	208

REINFORCING STEEL (LBS.) 47,936

✱ EPOXY COATED REINFORCING STEEL (LBS.) 47,989

✱ THESE BARS ARE EPOXY COATED

BAR TYPES



GROOVING BRIDGE FLOORS

APPROACH SLABS	1,632	SQ.FT.
BRIDGE DECK	11,042	SQ.FT.
TOTAL	12,674	SQ.FT.

SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE		REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU. YDS.)		(LBS.)	(LBS.)
SPANS A, B, C & D	POUR #1	50.9	47,936	47,989
	POUR #2	154.8		
	POUR #3	155.5		
	POUR #4	115.2		
	POUR #5 A	10.7		
	POUR #5 B	14.7		
TOTALS ✱✱		501.8	47,936	47,989

✱✱ QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

PROJECT NO. B-3673

McDOWELL COUNTY

STATION: 29+38.00 -L-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

SUPERSTRUCTURE BILL OF MATERIAL

NORTH CAROLINA PROFESSIONAL SEAL 17230 ENGINEER WAEL S. ARAFAT

DocuSigned by: Wael Arafat 4139C12A32AB406...

2/24/2015

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-27
1			3			TOTAL SHEETS
2			4			43

DRAWN BY : V.X. NGUYEN DATE : 11-4-14
CHECKED BY : D. HODGE DATE : 12-14
DESIGN ENGINEER OF RECORD: A.M. LEE DATE : 1-14

24-FEB-2015 07:54
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warafat