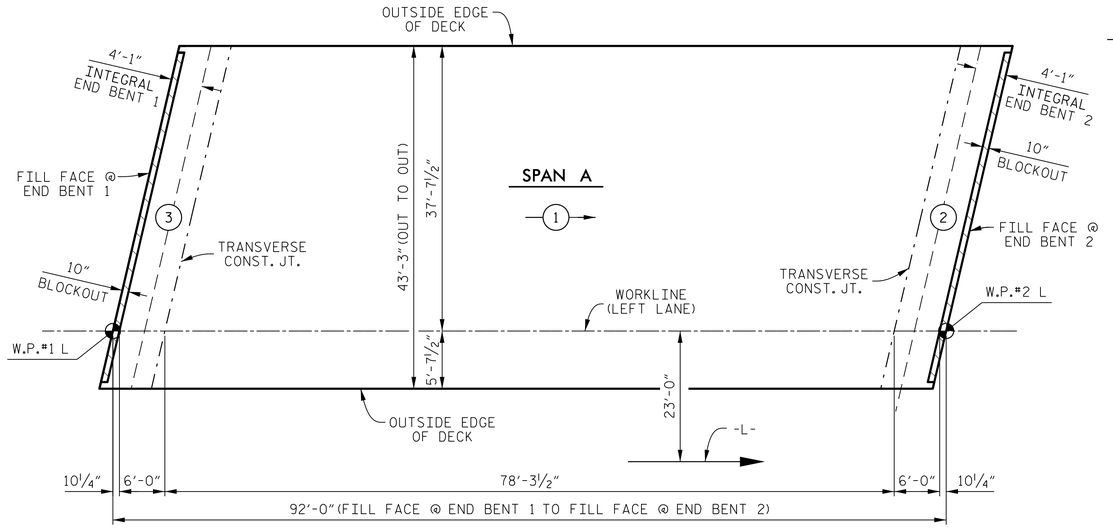


POURING SEQUENCE

NOTES

POUR 2 AND POUR 3 MAY BE COMBINED.

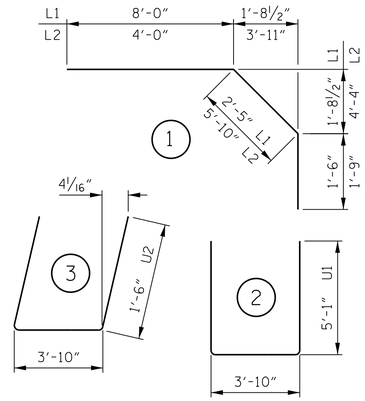
DIRECTION OF POUR 1 MAY BE REVERSED.

(#) INDICATES POUR NUMBER AND DIRECTION OF POUR.

CLASS AA CONCRETE BREAKDOWN

POUR 1	116.9 CU. YDS.
POUR 2	44.1 CU. YDS.
POUR 3	44.1 CU. YDS.
TOTAL	205.1 CU. YDS.

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

TOTAL SUPERSTRUCTURE QUANTITIES

	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL	CLASS "AA" CONCRETE
	LBS.	LBS.	CU. YDS.
SPAN A	14,989	13,994	205.1
** TOTAL	14,989	13,994	205.1

** QUANTITIES FOR CONCRETE BARRIER RAIL ARE NOT INCLUDED. SEE "CONCRETE BARRIER RAIL" SHEET FOR DETAILS.

GROOVING BRIDGE FLOORS

APPROACH SLAB AT END BENT 1	1,089 SQ. FT.
BRIDGE DECK	3,327 SQ. FT.
APPROACH SLAB AT END BENT 2	1,089 SQ. FT.
TOTAL	5,505 SQ. FT.

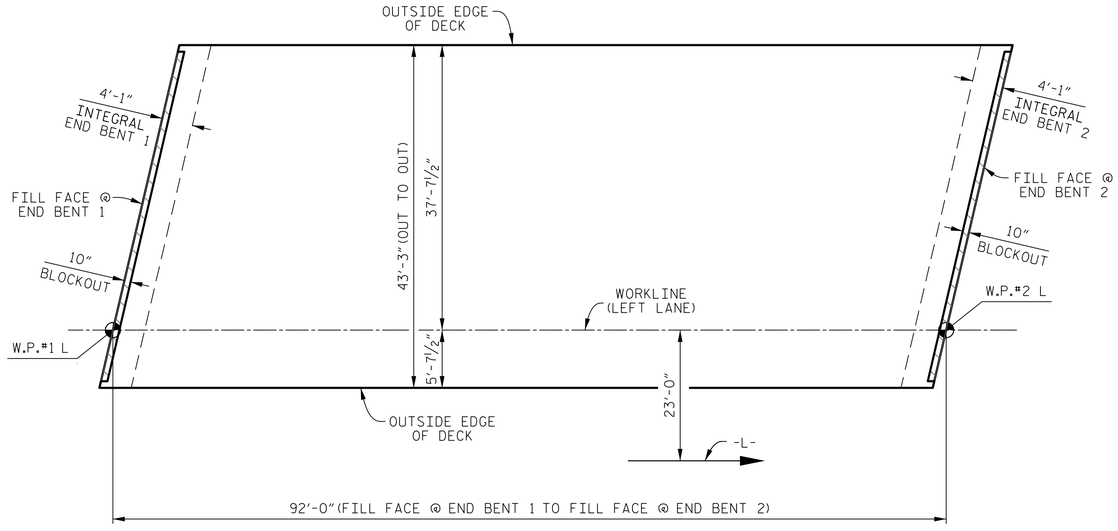
BILL OF MATERIAL

SPAN A

BAR	No.	SIZE	TYPE	LENGTH	WEIGHT
* A1	161	#5	STR	42'-11"	7,207
* A101	2	#5	STR	40'- 9"	85
* A102	2	#5	STR	38'- 7"	80
* A103	2	#5	STR	36'- 5"	76
* A104	2	#5	STR	34'- 3"	71
* A105	2	#5	STR	32'- 2"	67
* A106	2	#5	STR	30'- 0"	63
* A107	2	#5	STR	27'-10"	58
* A108	2	#5	STR	25'- 8"	54
* A109	2	#5	STR	23'- 6"	49
* A110	2	#5	STR	21'- 4"	45
* A111	2	#5	STR	19'- 2"	40
* A112	2	#5	STR	17'- 0"	35
* A113	2	#5	STR	14'-10"	31
* A114	2	#5	STR	12'- 8"	26
* A115	2	#5	STR	10'- 6"	22
* A116	2	#5	STR	8'- 4"	17
* A117	2	#5	STR	6'- 2"	13
* A118	2	#5	STR	4'- 0"	8
A2	161	#5	STR	42'-11"	7,207
A201	2	#5	STR	40'- 9"	85
A202	2	#5	STR	38'- 7"	80
A203	2	#5	STR	36'- 5"	76
A204	2	#5	STR	34'- 3"	71
A205	2	#5	STR	32'- 2"	67
A206	2	#5	STR	30'- 0"	63
A207	2	#5	STR	27'-10"	58
A208	2	#5	STR	25'- 8"	54
A209	2	#5	STR	23'- 6"	49
A210	2	#5	STR	21'- 4"	45
A211	2	#5	STR	19'- 2"	40
A212	2	#5	STR	17'- 0"	35
A213	2	#5	STR	14'-10"	31
A214	2	#5	STR	12'- 8"	26
A215	2	#5	STR	10'- 6"	22
A216	2	#5	STR	8'- 4"	17
A217	2	#5	STR	6'- 2"	13
A218	2	#5	STR	4'- 0"	8
* B1	120	#4	STR	24'- 0"	1,924
* B2	162	#5	STR	18'- 5"	3,112
B3	114	#5	STR	46'- 1"	5,479
K1	28	#4	STR	22'-11"	429
K2	6	#4	STR	7'-10"	31
K3	30	#4	STR	10'- 9"	215
K4	6	#4	STR	9'- 4"	37
K5	4	#4	STR	2'- 2"	6
K6	20	#4	STR	3'- 7"	48
K7	4	#4	STR	2'-11"	8
* L1	60	#4	1	11'-11"	478
* L2	56	#4	1	11'- 7"	433
U1	60	#4	2	14'- 0"	561
U2	28	#4	3	6'-10"	128

REINFORCING STEEL 14,989 LBS.

* EPOXY COATED REINFORCING STEEL 13,994 LBS.



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB

(3,979 SQ. FT.)

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

BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	2'-0"	1'-9"	2'-0"	1'-9"	2'-9"
#5	2'-6"	2'-2"	2'-6"	2'-2"	3'-5"
#6	3'-0"	2'-7"	3'-10"	2'-7"	4'-4"
#7	5'-3"	3'-6"			
#8	6'-10"	4'-7"			

PROJECT NO. R-2707C

CLEVELAND COUNTY

STATION: 611+32.01 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

BILL OF MATERIAL

(LEFT LANE)

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NORTH CAROLINA PROFESSIONAL SEAL 19299 ENGINEER THOMAS M HARRIS
2/3/2017

DRAWN BY : K. E. LOFTON DATE : 6-16
CHECKED BY : A. D. SHAH DATE : 10-16
DESIGN ENGINEER : T. M. HARRIS DATE : 10-16

PLANS PREPARED BY :
PARSONS
5540 Centerview Drive, Suite 217
Raleigh, NC 27606-3386
NC LICENSE No. F-0246
FOR NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

REVISIONS						SHEET No.
No.	BY:	DATE:	No.	BY:	DATE:	S9-16
1			3			TOTAL SHEETS
2			4			25

STR. #9

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