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BILL OF MATERIAL

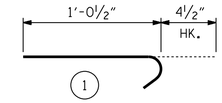
APPROACH SLAB AT END BENT #2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	69	4	STR	7'-6"	346	A158E	1	4	STR	6'-2"	4	A256	1	4	STR	7'-8"	5	B154E	1	5	STR	29'-9"	31	B237	1	6	STR	40'-6"	61
						A159E	1	4	STR	5'-0"	3	A257	1	4	STR	6'-11"	5	B155E	1	5	STR	29'-1"	30	B238	1	6	STR	39'-11"	60
A2E	3	4	STR	21'-1"	42	A160E	1	4	STR	3'-8"	2	A258	1	4	STR	6'-2"	4	B156E	1	5	STR	28'-6"	30	B239	1	6	STR	39'-3"	59
A3	6	4	STR	21'-0"	84	A161E	1	4	STR	2'-5"	2	A259	1	4	STR	5'-0"	3	B157E	1	5	STR	27'-10"	29	B240	1	6	STR	38'-7"	58
A101E	24	4	STR	30'-0"	481	A162E	1	4	STR	1'-2"	1	A260	1	4	STR	3'-8"	2	B158E	1	5	STR	27'-2"	28	B241	1	6	STR	38'-0"	57
A102E	1	4	STR	7'-6"	5							A261	1	4	STR	2'-5"	2	B159E	1	5	STR	26'-7"	28	B242	1	6	STR	37'-4"	56
A103E	1	4	STR	7'-6"	5	A201	24	4	STR	30'-0"	481	A262	1	4	STR	1'-2"	1	B160E	1	5	STR	25'-11"	27	B243	1	6	STR	36'-9"	55
A104E	1	4	STR	7'-7"	5	A202	1	4	STR	7'-6"	5							B161E	1	5	STR	25'-3"	26	B244	1	6	STR	36'-1"	54
A105E	1	4	STR	7'-8"	5	A203	1	4	STR	7'-6"	5	B101E	1	5	STR	10'-9"	11	B162E	1	5	STR	24'-8"	26	B245	1	6	STR	35'-5"	53
A106E	1	4	STR	7'-9"	5	A204	1	4	STR	7'-7"	5	B102E	1	5	STR	22'-0"	23	B163E	1	5	STR	24'-0"	25	B246	1	6	STR	34'-10"	52
A107E	1	4	STR	7'-10"	5	A205	1	4	STR	7'-8"	5	B103E	1	5	STR	33'-2"	35	B164E	1	5	STR	23'-5"	24	B247	1	6	STR	34'-2"	51
A108E	1	4	STR	7'-11"	5	A206	1	4	STR	7'-9"	5	B104E	1	5	STR	44'-4"	46	B165E	1	5	STR	22'-9"	24	B248	1	6	STR	33'-6"	50
A109E	1	4	STR	8'-0"	5	A207	1	4	STR	7'-10"	5	B105E	1	5	STR	55'-1"	57	B166E	1	5	STR	22'-1"	23	B249	1	6	STR	32'-11"	49
A110E	1	4	STR	8'-1"	5	A208	1	4	STR	7'-11"	5	B106E	1	5	STR	60'-0"	63	B167E	1	5	STR	21'-6"	22	B250	1	6	STR	32'-3"	48
A111E	1	4	STR	8'-2"	5	A209	1	4	STR	8'-0"	5	B107E	1	5	STR	59'-7"	62	B168E	1	5	STR	20'-10"	22	B251	1	6	STR	31'-8"	48
A112E	1	4	STR	8'-3"	6	A210	1	4	STR	8'-1"	5	B108E	1	5	STR	58'-11"	61	B169E	1	5	STR	20'-3"	21	B252	1	6	STR	31'-0"	47
A113E	1	4	STR	8'-4"	6	A211	1	4	STR	8'-2"	5	B109E	1	5	STR	58'-3"	61	B170E	1	5	STR	19'-7"	20	B253	1	6	STR	30'-4"	46
A114E	1	4	STR	8'-6"	6	A212	1	4	STR	8'-3"	6	B110E	1	5	STR	57'-8"	60	B171E	1	5	STR	18'-11"	20	B254	1	6	STR	29'-9"	45
A115E	1	4	STR	8'-7"	6	A213	1	4	STR	8'-4"	6	B111E	1	5	STR	57'-0"	59	B172E	1	5	STR	18'-4"	19	B255	1	6	STR	29'-1"	44
A116E	1	4	STR	8'-9"	6	A214	1	4	STR	8'-6"	6	B112E	1	5	STR	56'-5"	59	B173E	1	5	STR	17'-8"	18	B256	1	6	STR	28'-6"	43
A117E	1	4	STR	8'-8"	6	A215	1	4	STR	8'-7"	6	B113E	1	5	STR	55'-9"	58	B174E	1	5	STR	17'-0"	18	B257	1	6	STR	27'-10"	42
A118E	1	4	STR	7'-11"	5	A216	1	4	STR	8'-9"	6	B114E	1	5	STR	55'-1"	57	B175E	1	5	STR	16'-5"	17	B258	1	6	STR	27'-2"	41
A119E	1	4	STR	7'-2"	5	A217	1	4	STR	8'-8"	6	B115E	1	5	STR	54'-6"	57	B176E	1	5	STR	15'-9"	16	B259	1	6	STR	26'-7"	40
A120E	1	4	STR	6'-5"	4	A218	1	4	STR	7'-11"	5	B116E	1	5	STR	53'-10"	56	B177E	1	5	STR	5'-1"	5	B260	1	6	STR	25'-11"	39
A121E	1	4	STR	5'-8"	4	A219	1	4	STR	7'-2"	5	B117E	1	5	STR	53'-2"	55							B261	1	6	STR	25'-3"	38
A122E	1	4	STR	4'-11"	3	A220	1	4	STR	6'-5"	4	B118E	1	5	STR	52'-7"	55	B201	1	6	STR	10'-9"	16	B262	1	6	STR	24'-8"	37
A123E	1	4	STR	4'-2"	3	A221	1	4	STR	5'-8"	4	B119E	1	5	STR	51'-11"	54	B202	1	6	STR	22'-0"	33	B263	1	6	STR	24'-0"	36
A124E	1	4	STR	3'-6"	2	A222	1	4	STR	4'-11"	3	B120E	1	5	STR	51'-4"	54	B203	1	6	STR	33'-2"	50	B264	1	6	STR	23'-5"	35
A125E	1	4	STR	2'-9"	2	A223	1	4	STR	4'-2"	3	B121E	1	5	STR	50'-8"	53	B204	1	6	STR	44'-4"	67	B265	1	6	STR	22'-9"	34
A126E	1	4	STR	29'-10"	20	A224	1	4	STR	3'-6"	2	B122E	1	5	STR	50'-0"	52	B205	1	6	STR	55'-1"	83	B266	1	6	STR	22'-1"	33
A127E	1	4	STR	29'-1"	19	A225	1	4	STR	2'-9"	2	B123E	1	5	STR	49'-5"	52	B206	1	6	STR	60'-0"	90	B267	1	6	STR	21'-6"	32
A128E	1	4	STR	28'-4"	19	A226	1	4	STR	29'-10"	20	B124E	1	5	STR	48'-9"	51	B207	1	6	STR	59'-7"	89	B268	1	6	STR	20'-10"	31
A129E	1	4	STR	27'-8"	18	A227	1	4	STR	29'-1"	19	B125E	1	5	STR	48'-2"	50	B208	1	6	STR	58'-11"	88	B269	1	6	STR	20'-3"	30
A130E	1	4	STR	26'-11"	18	A228	1	4	STR	28'-4"	19	B126E	1	5	STR	47'-6"	50	B209	1	6	STR	58'-3"	87	B270	1	6	STR	19'-7"	29
A131E	1	4	STR	26'-2"	17	A229	1	4	STR	27'-8"	18	B127E	1	5	STR	46'-10"	49	B210	1	6	STR	57'-8"	87	B271	1	6	STR	18'-11"	28
A132E	1	4	STR	25'-5"	17	A230	1	4	STR	26'-11"	18	B128E	1	5	STR	46'-3"	48	B211	1	6	STR	57'-0"	86	B272	1	6	STR	18'-4"	28
A133E	1	4	STR	24'-8"	16	A231	1	4	STR	26'-2"	17	B129E	1	5	STR	45'-7"	48	B212	1	6	STR	56'-5"	85	B273	1	6	STR	17'-8"	27
A134E	1	4	STR	23'-11"	16	A232	1	4	STR	25'-5"	17	B130E	1	5	STR	45'-0"	47	B213	1	6	STR	55'-9"	84	B274	1	6	STR	17'-0"	26
A135E	1	4	STR	23'-2"	15	A233	1	4	STR	24'-8"	16	B131E	1	5	STR	44'-4"	46	B214	1	6	STR	55'-1"	83	B275	1	6	STR	16'-5"	25
A136E	1	4	STR	22'-5"	15	A234	1	4	STR	23'-11"	16	B132E	1	5	STR	43'-8"	46	B215	1	6	STR	54'-6"	82	B276	1	6	STR	15'-9"	24
A137E	1	4	STR	21'-9"	15	A235	1	4	STR	23'-2"	15	B133E	1	5	STR	43'-1"	45	B216	1	6	STR	53'-10"	81	B277	1	6	STR	5'-1"	8
A138E	1	4	STR	21'-0"	14	A236	1	4	STR	22'-5"	15	B134E	1	5	STR	42'-5"	44	B217	1	6	STR	53'-2"	80						
A139E	1	4	STR	20'-3"	14	A237	1	4	STR	21'-9"	15	B135E	1	5	STR	41'-9"	44	B218	1	6	STR	52'-7"	79	J1E	60	4	1	1'-5"	57
A140E	1	4	STR	19'-6"	13	A238	1	4	STR	21'-0"	14	B136E	1	5	STR	41'-2"	43	B219	1	6	STR	51'-11"	78						
A141E	1	4	STR	18'-9"	13	A239	1	4	STR	20'-3"	14	B137E	1	5	STR	40'-6"	42	B220	1	6	STR	51'-4"	77						
A142E	1	4	STR	18'-0"	12	A240	1	4	STR	19'-6"	13	B138E	1	5	STR	39'-11"	42	B221	1	6	STR	50'-8"	76						
A143E	1	4	STR	17'-3"	12	A241	1	4	STR	18'-9"	13	B139E	1	5	STR	39'-3"	41	B222	1	6	STR	50'-0"	75						
A144E	1	4	STR	16'-7"	11	A242	1	4	STR	18'-0"	12	B140E	1	5	STR	38'-7"	40	B223	1	6	STR	49'-5"	74						
A145E	1	4	STR	15'-10"	11	A243	1	4	STR	17'-3"	12	B141E	1	5	STR	38'-0"	40	B224	1	6	STR	48'-9"	73						
A146E	1	4	STR	15'-1"	10	A244	1	4	STR	16'-7"	11	B142E	1	5	STR	37'-4"	39	B225	1	6	STR	48'-2"	72						
A147E	1	4	STR	14'-4"	10	A245	1	4	STR	15'-10"	11	B143E	1	5	STR	36'-9"	38	B226	1	6	STR	47'-6"	71						
A148E	1	4	STR	13'-7"	9	A246	1	4	STR	15'-1"	10	B144E	1	5	STR	36'-1"	38	B227	1	6	STR	46'-10"	70						
A149E	1	4	STR	12'-10"	9	A247	1	4	STR	14'-4"	10	B145E	1	5	STR	35'-5"	37	B228	1	6	STR	46'-3"	69						
A150E	1	4	STR	12'-1"	8	A248	1	4	STR	13'-7"	9	B146E	1	5	STR	34'-10"	36	B229	1	6	STR	45'-7"	68						
A151E	1	4	STR	11'-4"	8	A249	1	4	STR	12'-10"	9	B147E	1	5	STR	34'-2"	36	B230	1	6	STR	45'-0"	68						
A152E	1	4	STR	10'-8"	7	A250	1	4	STR	12'-1"	8	B148E	1	5	STR	33'-6"	35	B231	1	6	STR	44'-4"	67						
A153E	1	4	STR	9'-11"	7	A251	1	4	STR	11'-4"	8	B149E	1	5	STR	32'-11"	34	B232	1	6	STR	43'-8"	66						
A154E	1	4	STR	9'-2"	6	A252	1	4	STR	10'-8"	7	B150E	1	5	STR	32'-3"	34	B233	1	6	STR	43'-1"	65						
A155E	1	4	STR	8'-5"	6	A253	1	4	STR	9'-11"	7	B151E	1	5	STR	31'-8"	33	B234	1	6	STR	42'-5"	64						
A156E	1	4	STR	7'-8"	5	A254	1	4	STR	9'-2"	6	B152E	1	5	STR	31'-0"	32	B235	1	6	STR	41'-9"	63						
A157E	1	4	STR	6'-11"	5	A255	1	4	STR	8'-5"	6	B153E	1	5	STR	30'-4"	32	B236	1	6	STR	41'-2"	62						

REINFORCING STEEL	LBS.	5,393
EPOXY COATED REINFORCING STEEL	LBS.	4,436
CLASS AA CONCRETE	C.Y.	63.6

"E" DENOTES EPOXY COATED REINFORCING STEEL

BAR TYPE



ALL BAR DIMENSIONS ARE OUT TO OUT

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED. SEE "MOMENT SLAB DETAILS" SHEET 3 OF 3.

SPLICE LENGTHS

BAR SIZE	EPOXY COATED	UNCOATED
#4	2'-0"	1'-9"
#5	2'-6"	2'-2"
#6	3'-10"	2'-7"

PROJECT NO. U-5806

CABARRUS COUNTY

STATION: 15+75.56 -Y1-
27+06.95 -L-

SHEET 5 OF 5

NORTH CAROLINA PROFESSIONAL SEAL 033752 ENGINEER SETH A. DENNEY

DocuSigned by: Seth A. Denney E8EB154CC9ED410... 10/23/2017

NORTH CAROLINA PROFESSIONAL SEAL 040769 ENGINEER ANDREW L. PHILLIPS

DocuSigned by: Andrew L. Phillips 2BB69ABAD4004D3... 10/23/2017

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-47
1			3			TOTAL SHEETS
2			4			50

DRAWN BY: D. D. LOWERY DATE: 10/17
CHECKED BY: A. L. PHILLIPS DATE: 10/17
DESIGN ENGINEER OF RECORD: S.A. DENNEY DATE: 10/17

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

10/23/2017 K:\RDT_Structures_Bridge\NC\01103638 - U-5806 FinalDesign\Cad\Dgn\047_U-5806_AS05.dgn