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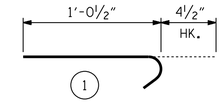
BILL OF MATERIAL

APPROACH SLAB AT END BENT #1

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	48	4	STR	30'-0"	962	A221	1	4	STR	8'-9"	6	B145E	1	5	STR	24'-2"	25	B205	1	6	STR	15'-7"	23	B266	1	6	STR	28'-8"	43
						A222	1	4	STR	6'-8"	4	B146E	1	5	STR	24'-5"	25	B206	1	6	STR	15'-10"	24	B267	1	6	STR	28'-11"	43
A2E	2	4	STR	27'-4"	37	A223	1	4	STR	4'-7"	3	B147E	1	5	STR	24'-7"	26	B207	1	6	STR	16'-0"	24	B268	1	6	STR	29'-1"	44
A3	4	4	STR	27'-3"	73	A224	1	4	STR	2'-6"	2	B148E	1	5	STR	24'-10"	26	B208	1	6	STR	16'-3"	24	B269	1	6	STR	29'-4"	44
A101E	23	4	STR	30'-0"	461	A225	1	4	STR	28'-2"	19	B149E	1	5	STR	25'-0"	26	B209	1	6	STR	16'-5"	25	B270	1	6	STR	29'-6"	44
A102E	1	4	STR	13'-8"	9	A226	1	4	STR	26'-1"	17	B150E	1	5	STR	25'-3"	26	B210	1	6	STR	16'-8"	25	B271	1	6	STR	29'-9"	45
A103E	1	4	STR	13'-10"	9	A227	1	4	STR	24'-0"	16	B151E	1	5	STR	25'-5"	27	B211	1	6	STR	16'-10"	25	B272	1	6	STR	29'-11"	45
A104E	1	4	STR	14'-1"	9	A228	1	4	STR	21'-11"	15	B152E	1	5	STR	25'-8"	27	B212	1	6	STR	17'-1"	26	B273	1	6	STR	30'-2"	45
A105E	1	4	STR	14'-4"	10	A229	1	4	STR	19'-10"	13	B153E	1	5	STR	25'-11"	27	B213	1	6	STR	17'-4"	26	B274	1	6	STR	30'-5"	46
A106E	1	4	STR	14'-7"	10	A230	1	4	STR	17'-9"	12	B154E	1	5	STR	26'-1"	27	B214	1	6	STR	17'-6"	26	B275	1	6	STR	30'-7"	46
A107E	1	4	STR	14'-10"	10	A231	1	4	STR	15'-8"	10	B155E	1	5	STR	26'-4"	27	B215	1	6	STR	17'-9"	27	B276	1	6	STR	30'-10"	46
A108E	1	4	STR	15'-2"	10	A232	1	4	STR	13'-7"	9	B156E	1	5	STR	26'-6"	28	B216	1	6	STR	17'-11"	27	B277	1	6	STR	31'-0"	47
A109E	1	4	STR	15'-5"	10	A233	1	4	STR	11'-6"	8	B157E	1	5	STR	26'-9"	28	B217	1	6	STR	18'-2"	27	B278	1	6	STR	31'-3"	47
A110E	1	4	STR	15'-8"	10	A234	1	4	STR	9'-1"	6	B158E	1	5	STR	26'-11"	28	B218	1	6	STR	18'-4"	28	B279	1	6	STR	31'-6"	47
A111E	1	4	STR	16'-0"	11	A235	1	4	STR	6'-4"	4	B159E	1	5	STR	27'-2"	28	B219	1	6	STR	18'-7"	28	B280	1	6	STR	31'-8"	48
A112E	1	4	STR	16'-3"	11	A236	1	4	STR	3'-7"	2	B160E	1	5	STR	27'-5"	29	B220	1	6	STR	18'-10"	28	B281	1	6	STR	31'-11"	48
A113E	1	4	STR	16'-7"	11							B161E	1	5	STR	27'-7"	29	B221	1	6	STR	19'-0"	29	B282	1	6	STR	32'-1"	48
A114E	1	4	STR	16'-11"	11	B101E	1	5	STR	1'-3"	1	B162E	1	5	STR	27'-10"	29	B222	1	6	STR	19'-3"	29	B283	1	6	STR	32'-4"	49
A115E	1	4	STR	17'-2"	11	B102E	1	5	STR	14'-11"	16	B163E	1	5	STR	28'-0"	29	B223	1	6	STR	19'-5"	29	B284	1	6	STR	32'-6"	49
A116E	1	4	STR	17'-6"	12	B103E	1	5	STR	15'-2"	16	B164E	1	5	STR	28'-3"	29	B224	1	6	STR	19'-8"	30	B285	1	6	STR	32'-9"	49
A117E	1	4	STR	17'-2"	11	B104E	1	5	STR	15'-4"	16	B165E	1	5	STR	28'-5"	30	B225	1	6	STR	19'-10"	30	B286	1	6	STR	30'-11"	46
A118E	1	4	STR	15'-1"	10	B105E	1	5	STR	15'-7"	16	B166E	1	5	STR	28'-8"	30	B226	1	6	STR	20'-1"	30	B287	1	6	STR	29'-1"	44
A119E	1	4	STR	13'-0"	9	B106E	1	5	STR	15'-10"	17	B167E	1	5	STR	28'-11"	30	B227	1	6	STR	20'-4"	31	B288	1	6	STR	27'-3"	41
A120E	1	4	STR	10'-11"	7	B107E	1	5	STR	16'-0"	17	B168E	1	5	STR	29'-1"	30	B228	1	6	STR	20'-6"	31	B289	1	6	STR	25'-5"	38
A121E	1	4	STR	8'-9"	6	B108E	1	5	STR	16'-3"	17	B169E	1	5	STR	29'-4"	31	B229	1	6	STR	20'-9"	31	B290	1	6	STR	23'-7"	35
A122E	1	4	STR	6'-8"	4	B109E	1	5	STR	16'-5"	17	B170E	1	5	STR	29'-6"	31	B230	1	6	STR	20'-11"	31	B291	1	6	STR	21'-8"	33
A123E	1	4	STR	4'-7"	3	B110E	1	5	STR	16'-8"	17	B171E	1	5	STR	29'-9"	31	B231	1	6	STR	21'-2"	32	B292	1	6	STR	19'-10"	30
A124E	1	4	STR	2'-6"	2	B111E	1	5	STR	16'-10"	18	B172E	1	5	STR	29'-11"	31	B232	1	6	STR	21'-4"	32	B293	1	6	STR	18'-0"	27
A125E	1	4	STR	28'-2"	19	B112E	1	5	STR	17'-1"	18	B173E	1	5	STR	30'-2"	31	B233	1	6	STR	21'-7"	32	B294	1	6	STR	16'-2"	24
A126E	1	4	STR	26'-1"	17	B113E	1	5	STR	17'-4"	18	B174E	1	5	STR	30'-5"	32	B234	1	6	STR	21'-10"	33	B295	1	6	STR	14'-4"	22
A127E	1	4	STR	24'-0"	16	B114E	1	5	STR	17'-6"	18	B175E	1	5	STR	30'-7"	32	B235	1	6	STR	22'-0"	33	B296	1	6	STR	12'-6"	19
A128E	1	4	STR	21'-11"	15	B115E	1	5	STR	17'-9"	19	B176E	1	5	STR	30'-10"	32	B236	1	6	STR	22'-3"	33	B297	1	6	STR	10'-8"	16
A129E	1	4	STR	19'-10"	13	B116E	1	5	STR	17'-11"	19	B177E	1	5	STR	31'-0"	32	B237	1	6	STR	22'-5"	34	B298	1	6	STR	7'-8"	12
A130E	1	4	STR	17'-9"	12	B117E	1	5	STR	18'-2"	19	B178E	1	5	STR	31'-3"	33	B238	1	6	STR	22'-8"	34	B299	1	6	STR	4'-5"	7
A131E	1	4	STR	15'-8"	10	B118E	1	5	STR	18'-4"	19	B179E	1	5	STR	31'-6"	33	B239	1	6	STR	22'-10"	34	B300	1	6	STR	1'-2"	2
A132E	1	4	STR	13'-7"	9	B119E	1	5	STR	18'-7"	19	B180E	1	5	STR	31'-8"	33	B240	1	6	STR	23'-1"	35						
A133E	1	4	STR	11'-6"	8	B120E	1	5	STR	18'-10"	20	B181E	1	5	STR	31'-11"	33	B241	1	6	STR	23'-4"	35	J1E	54	4	1	1'-5"	51
A134E	1	4	STR	9'-1"	6	B121E	1	5	STR	19'-0"	20	B182E	1	5	STR	32'-1"	33	B242	1	6	STR	23'-6"	35						
A135E	1	4	STR	6'-4"	4	B122E	1	5	STR	19'-3"	20	B183E	1	5	STR	32'-4"	34	B243	1	6	STR	23'-9"	36						
A136E	1	4	STR	3'-7"	2	B123E	1	5	STR	19'-5"	20	B184E	1	5	STR	32'-6"	34	B244	1	6	STR	23'-11"	36						
						B124E	1	5	STR	19'-8"	21	B185E	1	5	STR	32'-9"	34	B245	1	6	STR	24'-2"	36						
A201	23	4	STR	30'-0"	461	B125E	1	5	STR	19'-10"	21	B186E	1	5	STR	30'-11"	32	B246	1	6	STR	24'-5"	37						
A202	1	4	STR	13'-8"	9	B126E	1	5	STR	20'-1"	21	B187E	1	5	STR	29'-1"	30	B247	1	6	STR	24'-7"	37						
A203	1	4	STR	13'-10"	9	B127E	1	5	STR	20'-4"	21	B188E	1	5	STR	27'-3"	28	B248	1	6	STR	24'-10"	37						
A204	1	4	STR	14'-1"	9	B128E	1	5	STR	20'-6"	21	B189E	1	5	STR	25'-5"	27	B249	1	6	STR	25'-0"	38						
A205	1	4	STR	14'-4"	10	B129E	1	5	STR	20'-9"	22	B190E	1	5	STR	23'-7"	25	B250	1	6	STR	25'-3"	38						
A206	1	4	STR	14'-7"	10	B130E	1	5	STR	20'-11"	22	B191E	1	5	STR	21'-8"	23	B251	1	6	STR	25'-5"	38						
A207	1	4	STR	14'-10"	10	B131E	1	5	STR	21'-2"	22	B192E	1	5	STR	19'-10"	21	B252	1	6	STR	25'-8"	39						
A208	1	4	STR	15'-2"	10	B132E	1	5	STR	21'-4"	22	B193E	1	5	STR	18'-0"	19	B253	1	6	STR	25'-11"	39						
A209	1	4	STR	15'-5"	10	B133E	1	5	STR	21'-7"	23	B194E	1	5	STR	16'-2"	17	B254	1	6	STR	26'-1"	39						
A210	1	4	STR	15'-8"	10	B134E	1	5	STR	21'-10"	23	B195E	1	5	STR	14'-4"	15	B255	1	6	STR	26'-4"	40						
A211	1	4	STR	16'-0"	11	B135E	1	5	STR	22'-0"	23	B196E	1	5	STR	12'-6"	13	B256	1	6	STR	26'-6"	40						
A212	1	4	STR	16'-3"	11	B136E	1	5	STR	22'-3"	23	B197E	1	5	STR	10'-8"	11	B257	1	6	STR	26'-9"	40						
A213	1	4	STR	16'-7"	11	B137E	1	5	STR	22'-5"	23	B198E	1	5	STR	7'-8"	8	B258	1	6	STR	26'-11"	40						
A214	1	4	STR	16'-11"	11	B138E	1	5	STR	22'-8"	24	B199E	1	5	STR	4'-5"	5	B259	1	6	STR	27'-2"	41						
A215	1	4	STR	17'-2"	11	B139E	1	5	STR	22'-10"	24	B200E	1	5	STR	1'-2"	1	B260	1	6	STR	27'-5"	41						
A216	1	4	STR	17'-6"	12	B140E	1	5	STR	23'-1"	24							B261	1	6	STR	27'-7"	41	REINFORCING STEEL			LBS.		4,278
A217	1	4	STR	17'-2"	11	B141E	1	5	STR	23'-4"	24	B201	1	6	STR	1'-3"	2	B262	1	6	STR	27'-10"	42	EPOXY COATED REINFORCING STEEL			LBS.		4,215
A218	1	4	STR	15'-1"	10	B142E	1	5	STR	23'-6"	25	B202	1	6	STR	14'-11"	22	B263	1	6	STR	28'-0"	42						
A219	1	4	STR	13'-0"	9	B143E	1	5	STR	23'-9"	25	B203	1	6	STR	15'-2"	23	B264	1	6	STR	28'-3"	42						
A220	1	4	STR	10'-11"	7	B144E	1	5	STR	23'-11"	25	B204	1	6	STR	15'-4"	23	B265	1	6	STR	28'-5"	43	CLASS AA CONCRETE			C.Y.		50.3

"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 3 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-45
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\045_U-5806_AS03.dgn