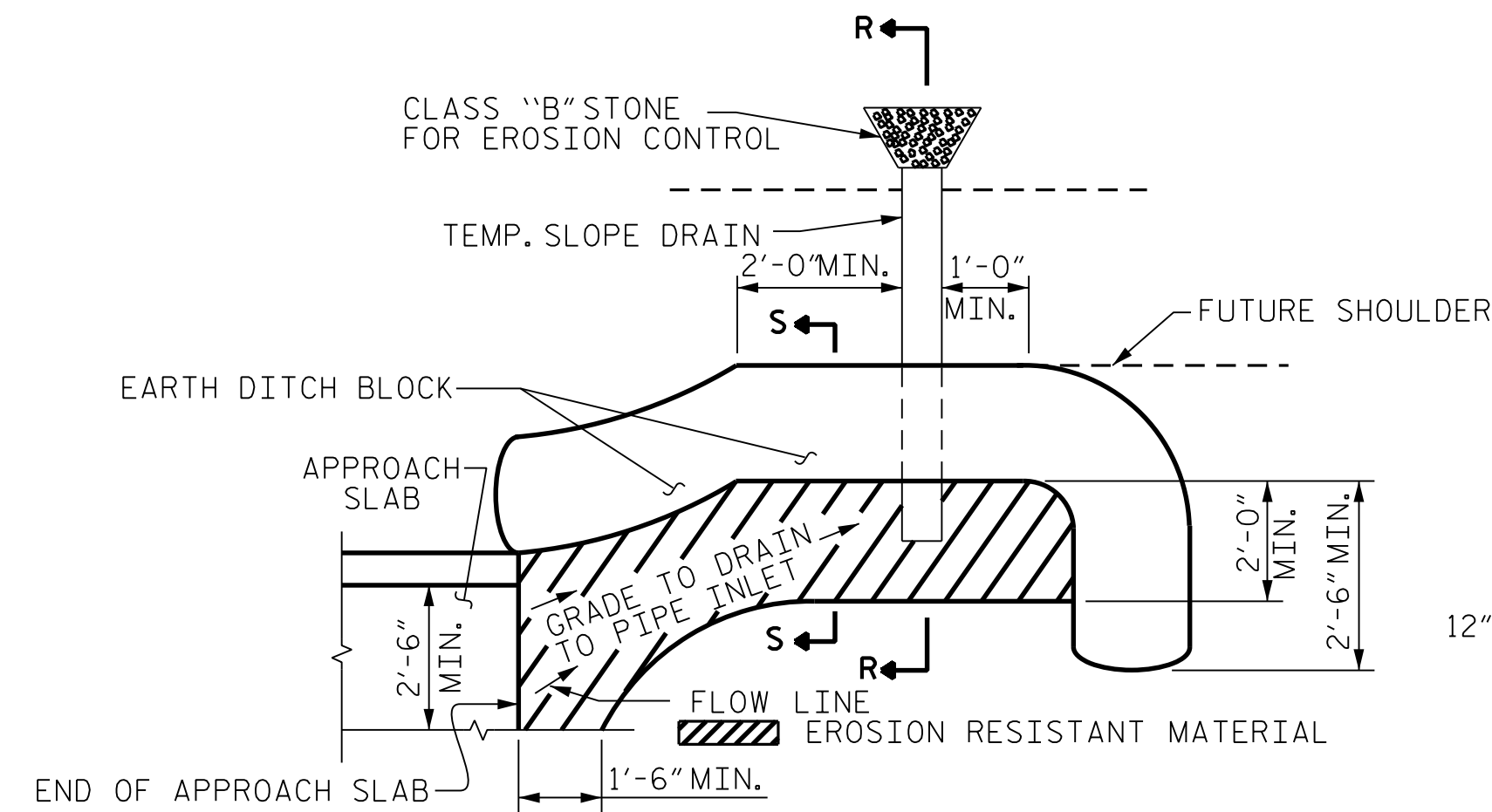
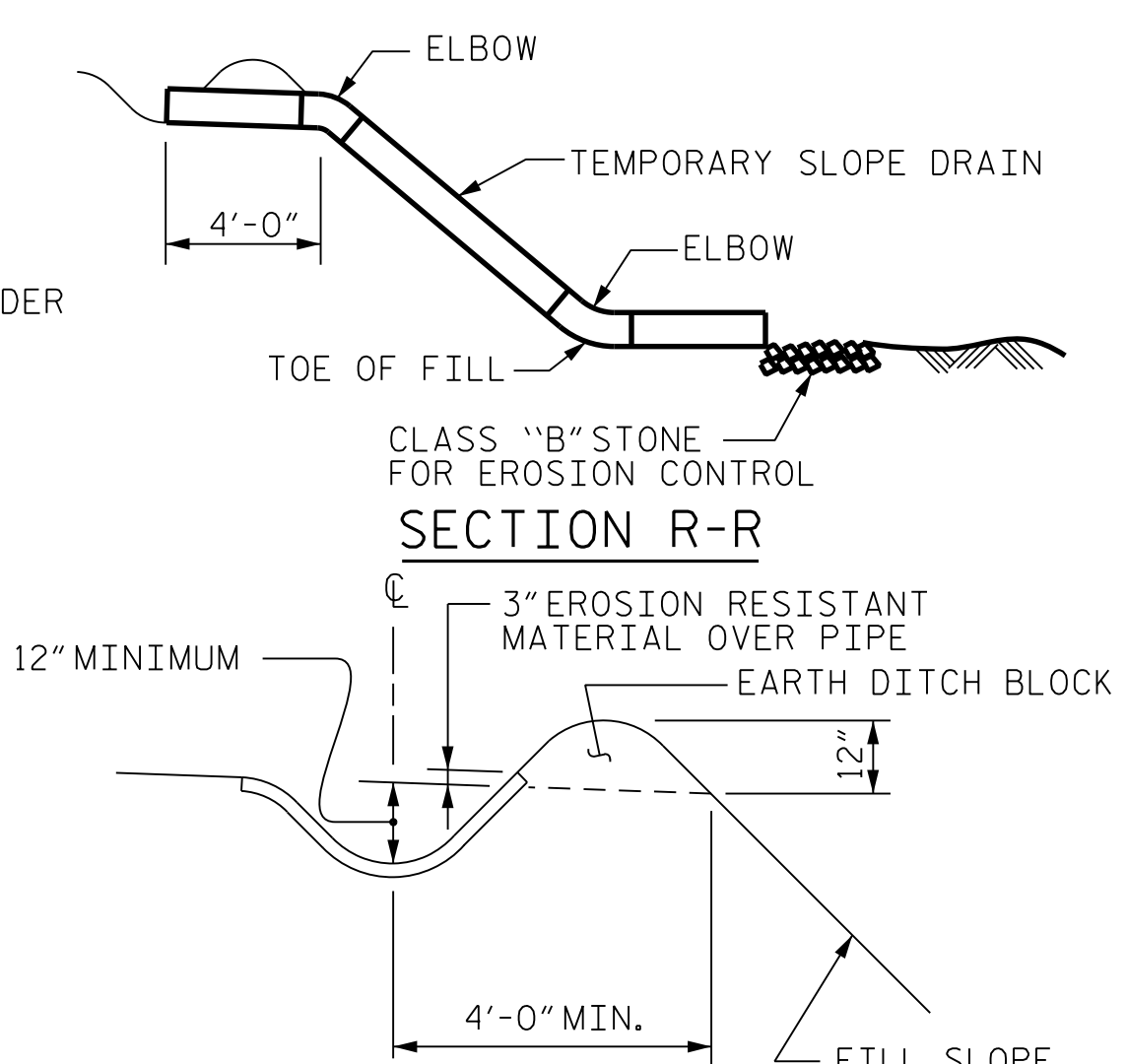


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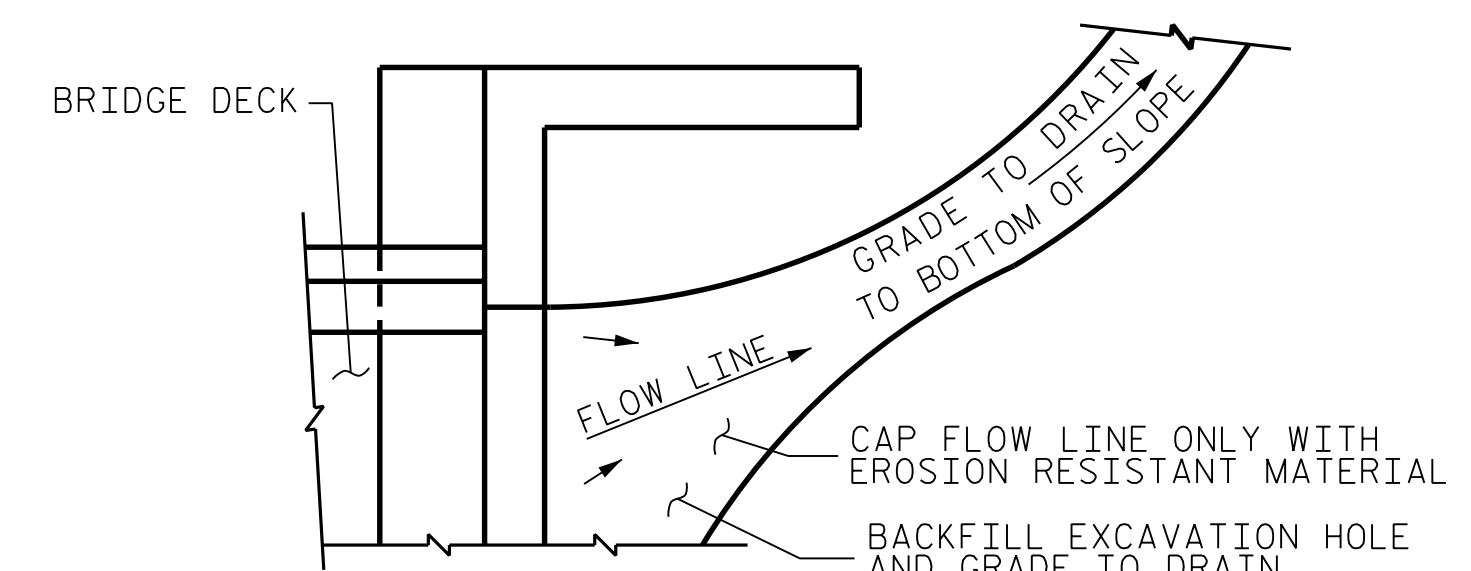


NOTE: IMMEDIATELY AFTER THE CONSTRUCTION OF THE APPROACH SLAB, THE CONTRACTOR SHALL PROVIDE TEMPORARY BERM AND SLOPE DRAIN. CONTRACTOR SHALL GRADE TO PIPE INLET AND PROVIDE EROSION RESISTANT MATERIAL AS SHOWN. THE EROSION RESISTANT MATERIAL SHALL BE EITHER 1) ASPHALT PLANT MIX, TYPE 1 OR TYPE 2, MIN. 2" DEPTH, 2) EROSION CONTROL MAT, OR 3) CONCRETE, AS DIRECTED BY THE ENGINEER. THE SLOPE DRAIN SHALL CONSIST OF A NON-PERFORATED TEMPORARY DRAINAGE PIPE, 12 INCHES IN DIAMETER.

PLAN VIEW



SECTION S-S

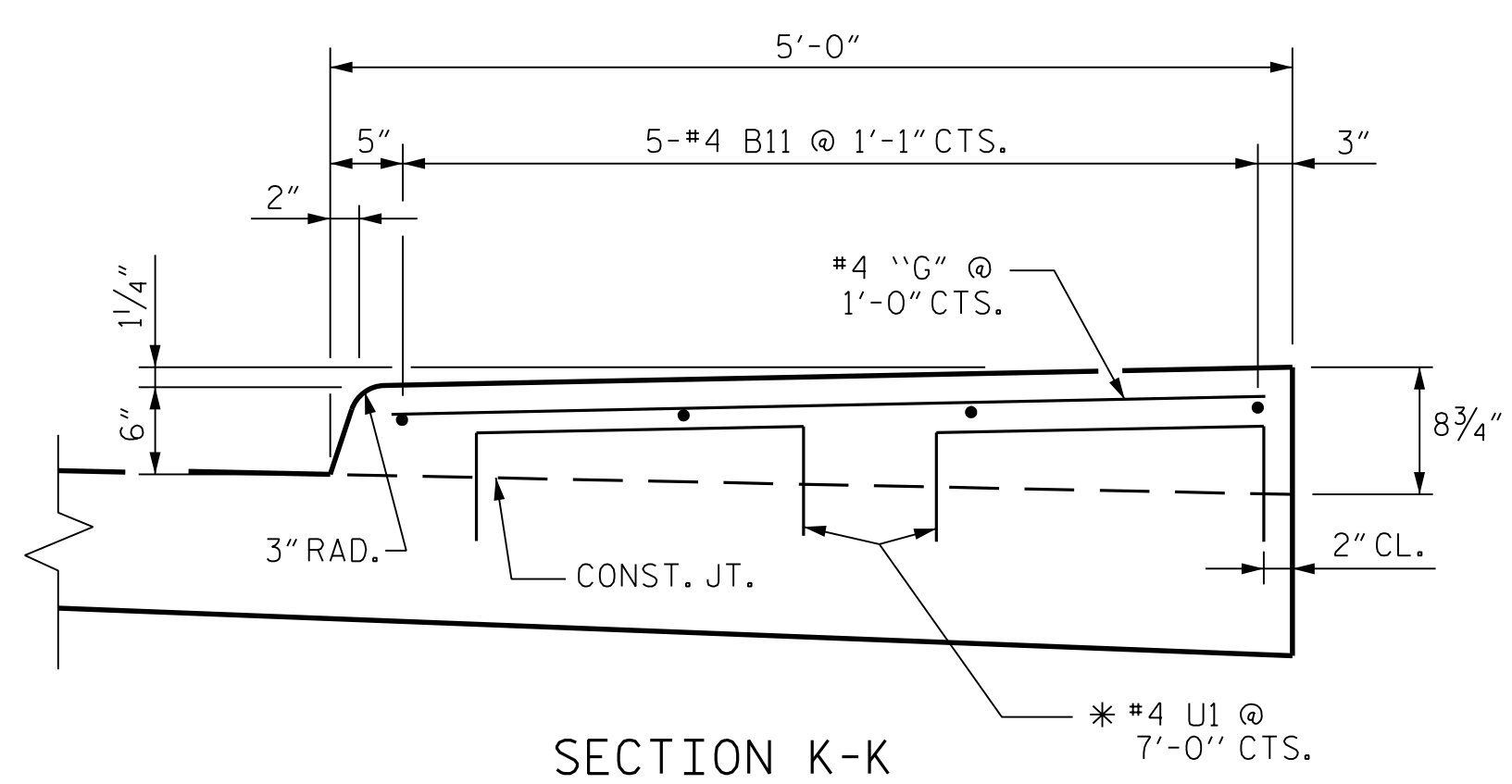


NOTE: IF THE APPROACH SLAB IS NOT CONSTRUCTED IMMEDIATELY AFTER THE BACKFILLING OF THE END BENT EXCAVATION, GRADE TO DRAIN TO THE BOTTOM OF THE SLOPE AND PROVIDE EROSION RESISTANT MATERIAL, SUCH AS FIBERGLASS ROVING OR AS DIRECTED BY THE ENGINEER TO PREVENT SOIL EROSION AND TO PROTECT THE AREA ADJACENT TO THE STRUCTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THESE MATERIALS PRIOR TO CONSTRUCTION OF THE APPROACH SLAB.

TEMPORARY DRAINAGE DETAIL

TEMPORARY BERM AND SLOPE DRAIN DETAILS

(TO BE USED WHEN SHOULDER BERM GUTTER IS REQUIRED)



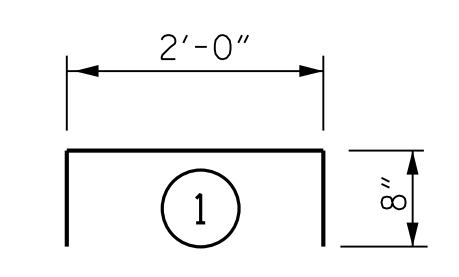
SECTION K-K

SIDEWALK DETAIL RIGHT SIDE - STAGE 1

\* U1 BARS MAY BE PUSHED INTO GREEN CONCRETE AFTER APPROACH SLAB HAS BEEN SCREEDED OFF.

DRAWN BY : B. A. HAAG DATE : JUN 2021  
 CHECKED BY : B. D. KLAPPENBACH DATE : JUN 2021  
 DESIGN ENGINEER OF RECORD : B. D. KLAPPENBACH DATE : JUN 2021

BAR TYPES



ALL DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL

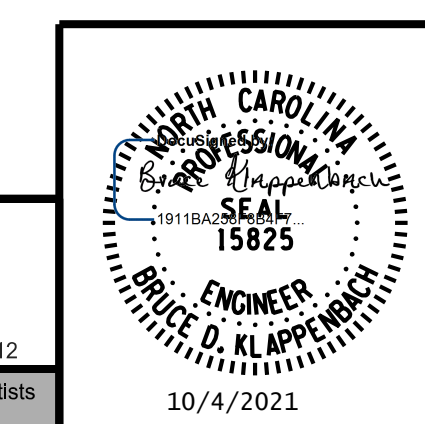
APPROACH SLAB AT END BENT 2 (STAGE 1)						APPROACH SLAB AT END BENT 1 (STAGE 1)					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	50	#4	STR.	24'-0"	802	* A1	50	#4	STR.	24'-0"	802
A2	52	#4	STR.	23'-8"	822	A2	52	#4	STR.	23'-8"	822
* B1	71	#5	STR.	23'-9"	1,759	* B1	71	#5	STR.	23'-9"	1,759
B2	71	#6	STR.	24'-4"	2,595	B2	71	#6	STR.	24'-4"	2,595
* B11	5	#4	STR.	24'-5"	82	* B11	5	#4	STR.	24'-5"	82
* G1	21	#4	STR.	4'-6"	63	* G1	21	#4	STR.	4'-6"	63
* G2	2	#4	STR.	3'-9"	5	* G2	2	#4	STR.	3'-9"	5
* G3	2	#4	STR.	2'-6"	3	* G3	2	#4	STR.	2'-6"	3
* U1	8	#4	1	3'-4"	18	* U1	8	#4	1	3'-4"	18
REINFORCING STEEL					3,417	REINFORCING STEEL					3,417
* EPOXY COATED REINFORCING STEEL					2,732	* EPOXY COATED REINFORCING STEEL					2,732
** CLASS AA CONCRETE (C.Y.)					41.1	** CLASS AA CONCRETE (C.Y.)					41.1

APPROACH SLAB AT END BENT 2 (STAGE 2)						APPROACH SLAB AT END BENT 1 (STAGE 2)					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A3	50	#4	STR.	33'-7"	1,122	* A3	50	#4	STR.	33'-7"	1,122
A4	52	#4	STR.	33'-5"	1,161	A4	52	#4	STR.	33'-5"	1,161
* B1	104	#5	STR.	23'-9"	2,576	* B1	104	#5	STR.	23'-9"	2,576
B2	104	#6	STR.	24'-5"	3,814	B2	104	#6	STR.	24'-4"	3,801
* B7	1	#5	STR.	3'-6"	4	* B3	1	#5	STR.	3'-9"	4
B8	1	#6	STR.	3'-8"	6	B4	1	#6	STR.	3'-11"	6
* B9	1	#5	STR.	3'-3"	3	* B5	1	#5	STR.	4'-0"	4
B10	1	#6	STR.	3'-6"	5	B6	1	#6	STR.	4'-2"	6
REINFORCING STEEL					4,986	REINFORCING STEEL					4,974
* EPOXY COATED REINFORCING STEEL					3,705	* EPOXY COATED REINFORCING STEEL					3,706
CLASS AA CONCRETE (C.Y.)					56.6	CLASS AA CONCRETE (C.Y.)					56.2

\*\* INCLUDES CONCRETE QUANTITY FOR SIDEWALK.

PROJECT NO. I-5972  
 JOHNSTON COUNTY  
 STATION: 36+93.50 -Y1-

SHEET 3 OF 3



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 STANDARD  
 BRIDGE APPROACH  
 SLAB DETAILS

**RK&K**  
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 Engineers | Construction Managers | Planners | Scientists  
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 Responsive People | Creative Solutions

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-54
1			3			TOTAL SHEETS
2			4			54

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED