

NOTES

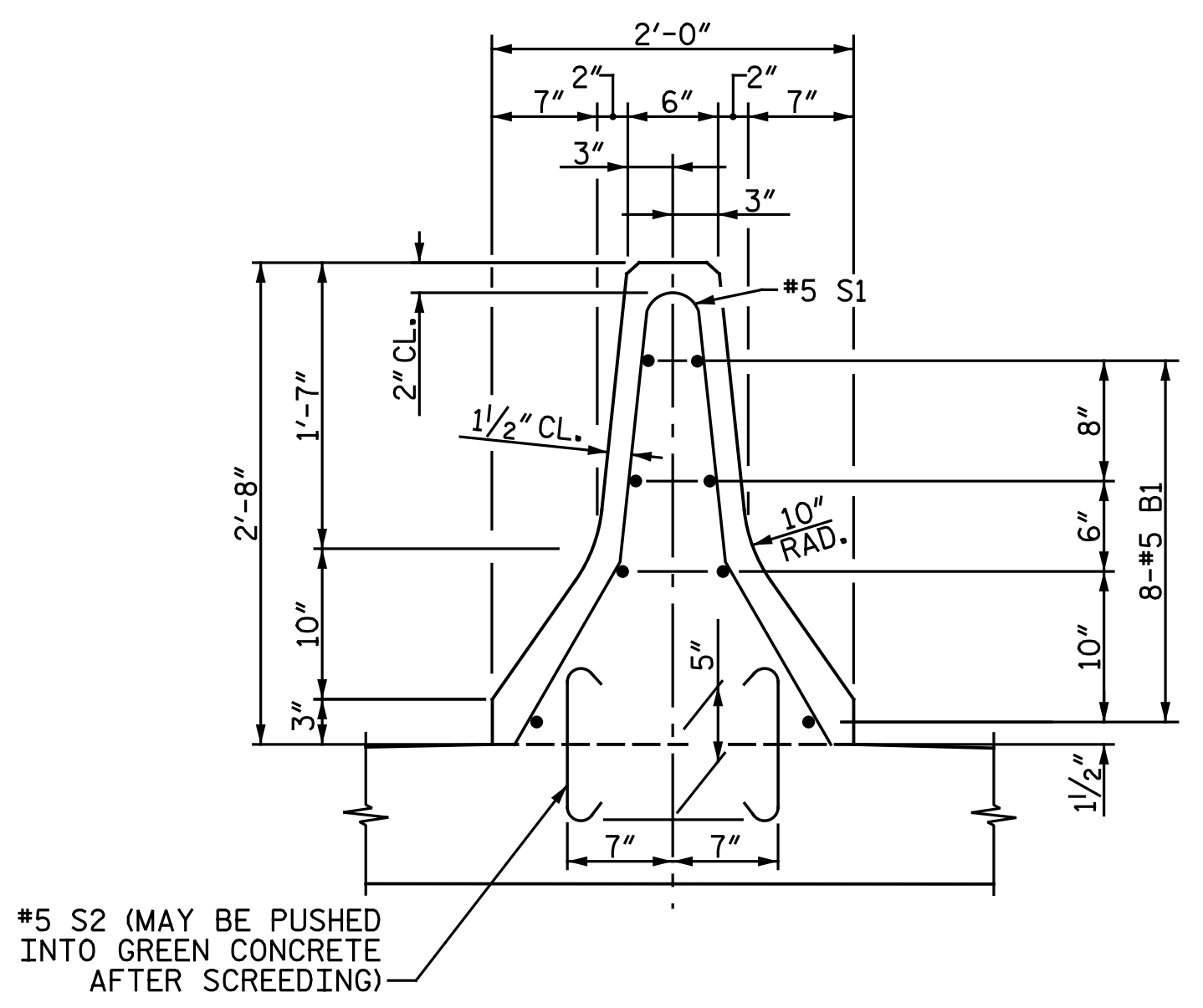
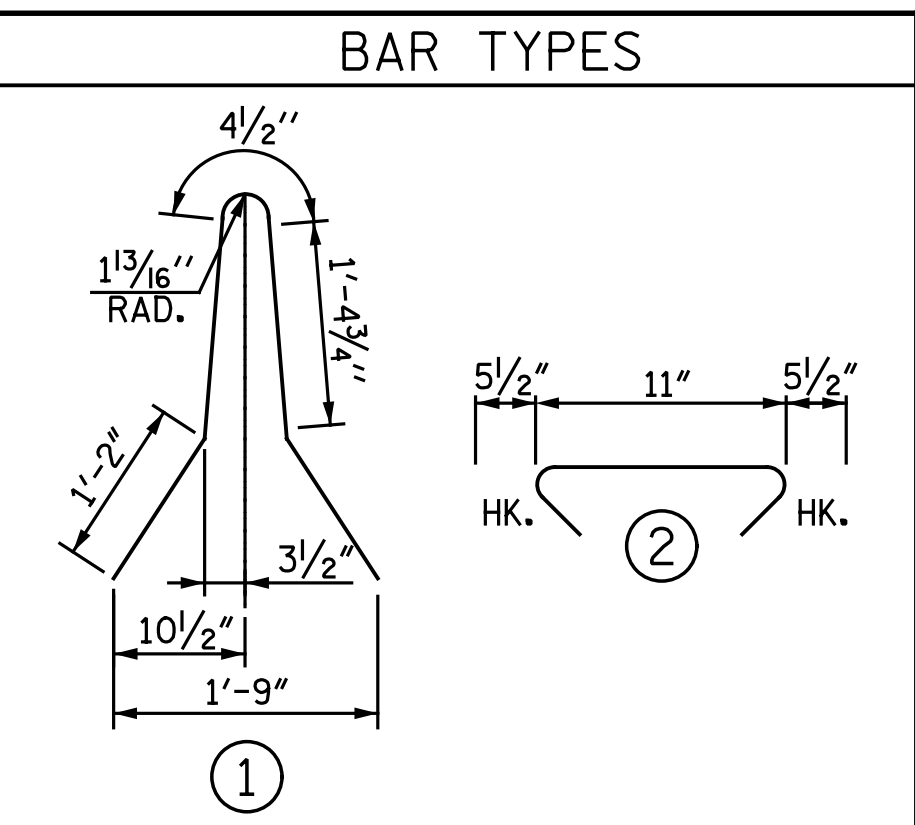
THE COST OF THE MEDIAN BARRIER ON THE APPROACH SLAB SHALL BE INCLUDED IN THE LINEAR FOOT CONTRACT PRICE BID FOR "CONCRETE MEDIAN BARRIER".

THE MEDIAN BARRIER ON EACH APPROACH SLAB SHALL NOT BE CAST UNTIL ALL APPROACH SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

ALL REINFORCING STEEL IN MEDIAN BARRIER SHALL BE EPOXY COATED.

GROOVED CONTRACTION JOINTS, 1/2" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE CONCRETE MEDIAN BARRIER AND IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINT SHALL BE LOCATED AT EACH THIRD POINT BETWEEN ENDS OF CONCRETE MEDIAN BARRIER SEGMENTS ON APPROACH SLAB.

THE CONTRACTOR MAY USE ADHESIVELY ANCHORED DOWELS IN PLACE OF THE #5 S2 BARS DETAILED. LEVEL 2 FIELD TESTING IS REQUIRED, AND THE YIELD LOAD OF THE DOWELS IS 19 KIPS. THE DOWELS ARE TO BE HOOKED ON ONE END WITH A PROJECTION MATCHING THAT OF THE #5 S2 BARS. THE OPPOSITE END IS TO BE STRAIGHT AND EMBEDDED 6" INTO THE APPROACH SLAB.



SECTION THRU MEDIAN BARRIER

BILL OF MATERIAL
MEDIAN BARRIER ONLY
STAGE I

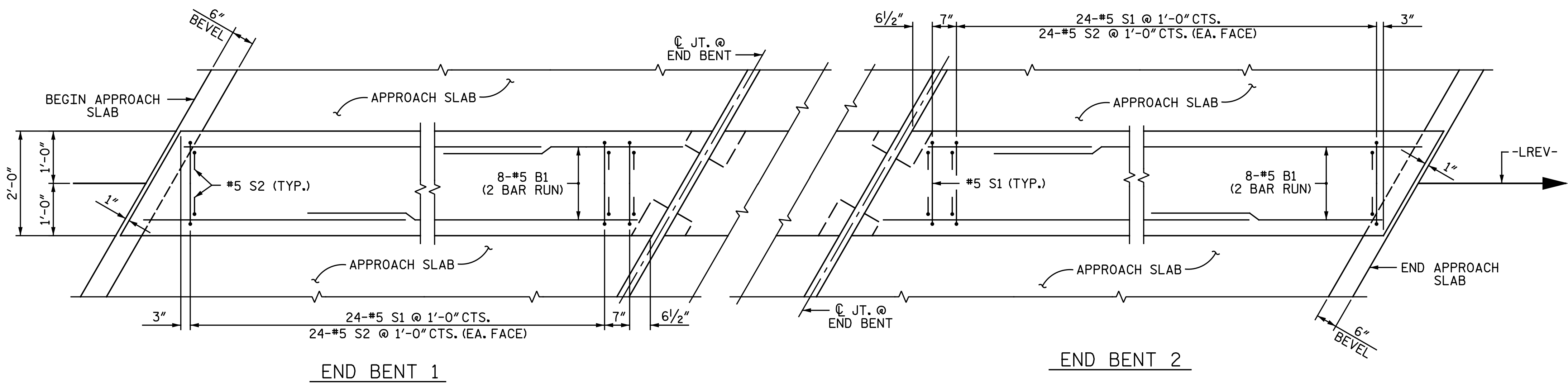
| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
|-----|-----|------|------|----------|--------|
| *B1 | 32 | #5 | STR. | 14' - 0" | 467 |
| *S1 | 50 | #5 | 1 | 5' - 6" | 287 |
| *S2 | 100 | #5 | 2 | 1' - 10" | 191 |

* EPOXY COATED REINFORCING STEEL LBS. 945
CLASS AA CONCRETE C.Y. 5.1

CONCRETE MEDIAN BARRIER LIN. FT. 49.83

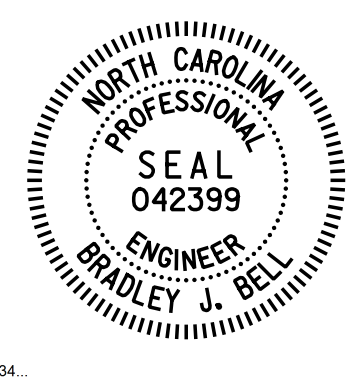
SPLICE LENGTHS

| BAR SIZE | EPOXY COATED |
|----------|--------------|
| #5 | 3'-5" |



PLAN OF CONCRETE MEDIAN BARRIER

PROJECT NO. I-5878
HARNETT COUNTY
STATION: 1002+79.68 -LREV-
SHEET 3 OF 3



Designed by: [Signature]
4/22/2021

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

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| STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH | | | | | |
|--|-----|-------|-----|-----------------|-------|
| BRIDGE APPROACH SLAB DETAILS 2 | | | | | |
| REVISIONS | | | | SHEET NO. | |
| NO. | BY: | DATE: | NO. | BY: | DATE: |
| 1 | | | 3 | | |
| 2 | | | 4 | | |
| | | | | S2-34 | |
| | | | | TOTAL SHEETS 34 | |

DRAWN BY: N. B. SPEAKS DATE: 3-27-19
CHECKED BY: B. J. BELL DATE: 8-12-19