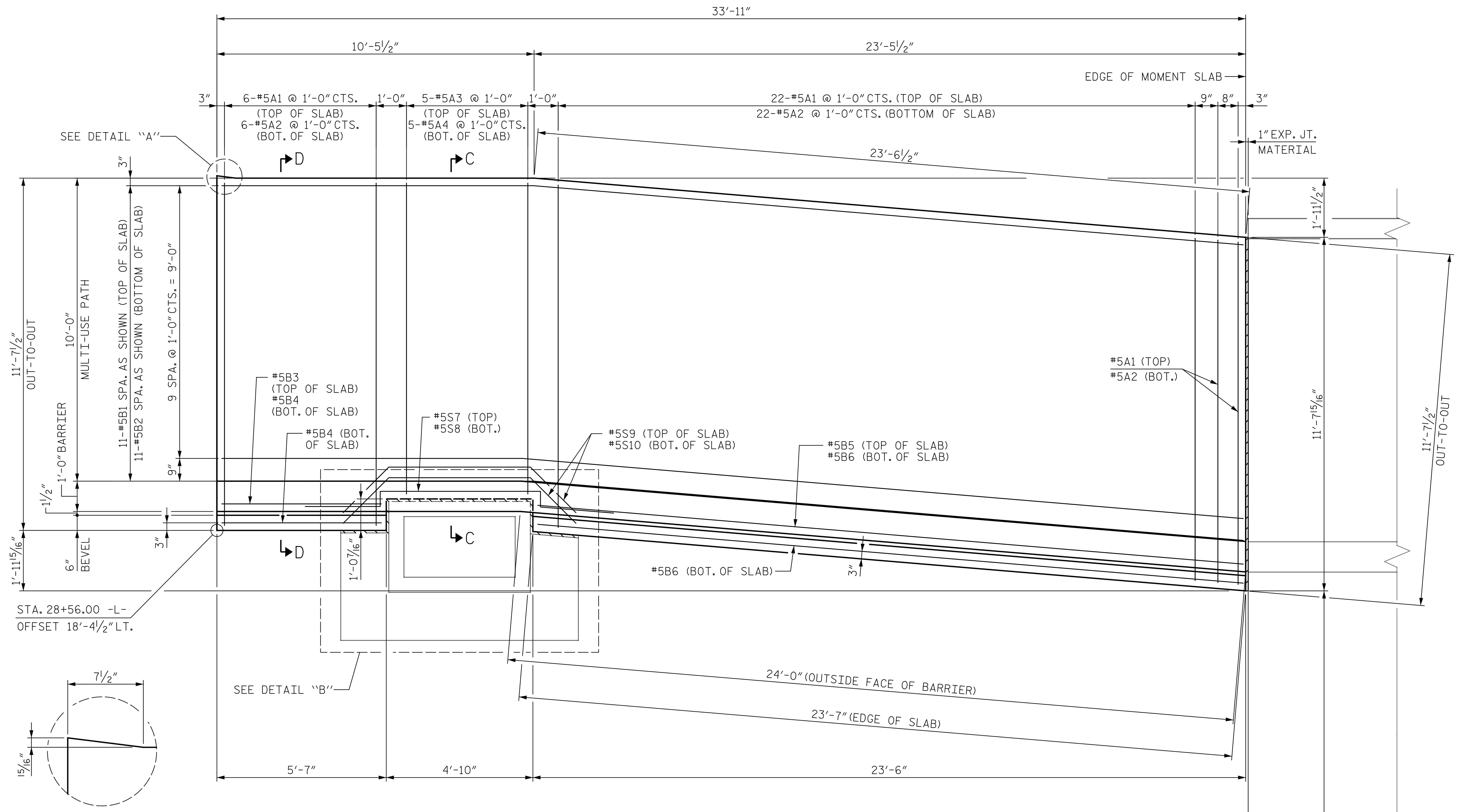
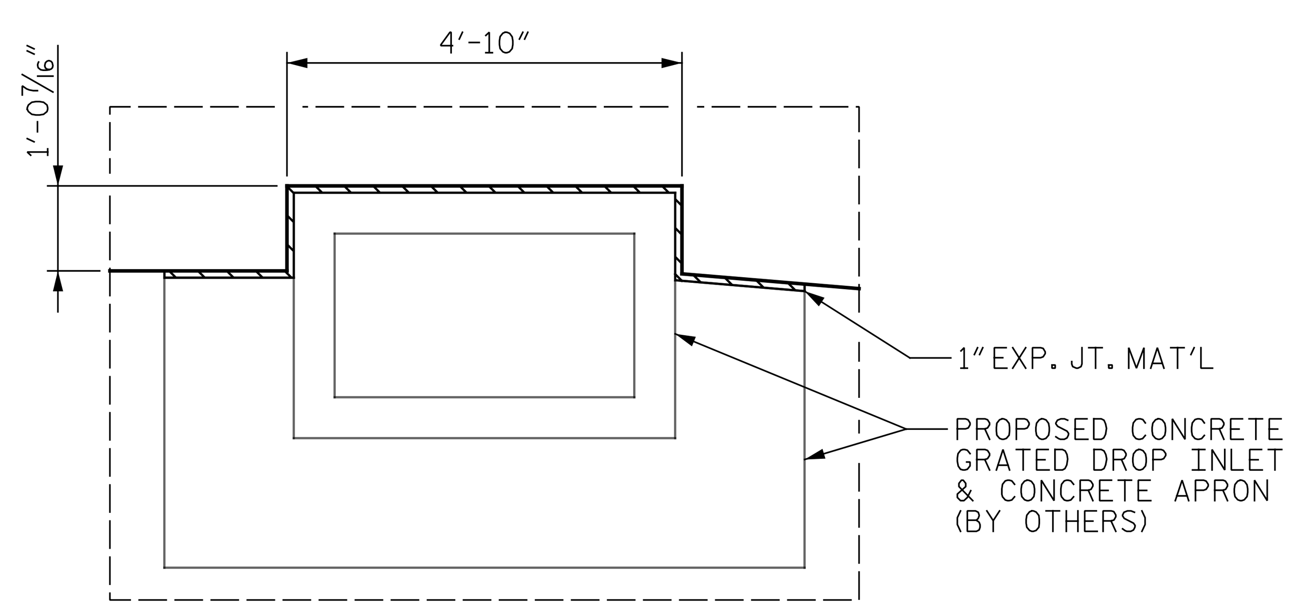
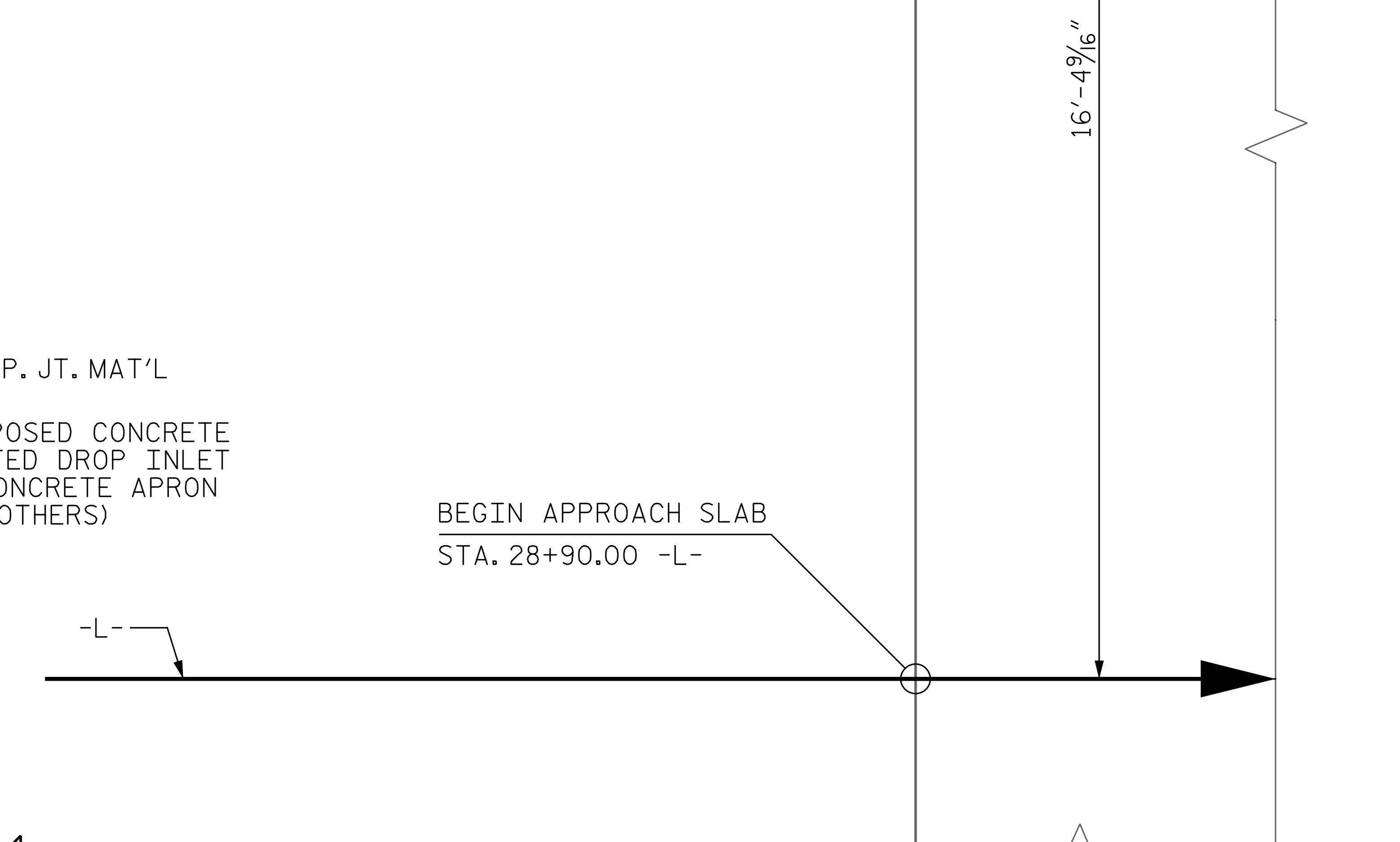



## DETAIL A

(MOMENT SLAB @ END BENT 1 ONLY)




## DETAIL B




## MOMENT SLAB @ END BENT 1

## NOTES

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

MULTI-USE PATH AND BARRIER SHALL BE CLASS AA CONCRETE.

ALL REINFORCING STEEL IN BARRIER RAILS SHALL BE EPOXY COATED.

GROOVED CONTRACTION JOINTS, ½" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE BARRIER AND MOMENT SLAB IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINTS SHALL BE LOCATED AS SHOWN.

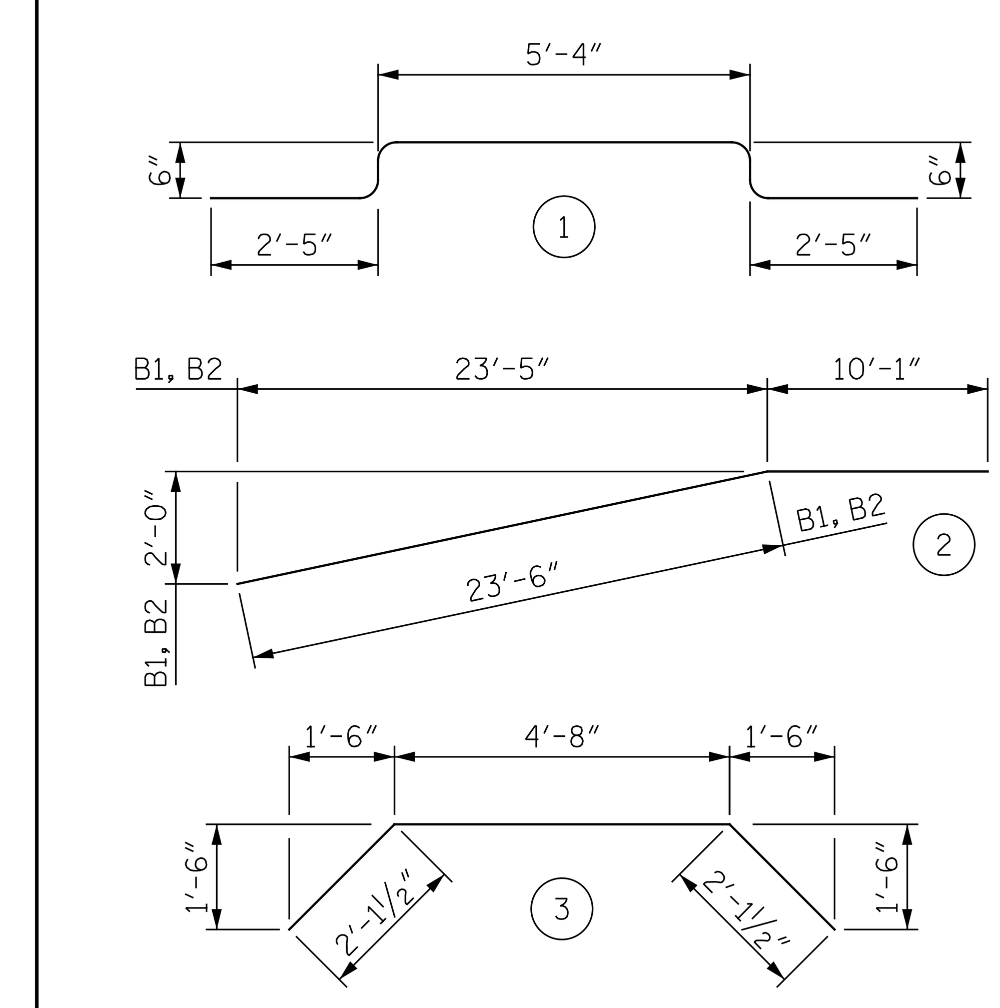
FIELD BEND BARS AS NECESSARY.

BROOM THE CONCRETE SURFACE OF THE MULTI-USE PATH IN A TRANSVERSE DIRECTION TO TRAFFIC.

BELOW MOMENT SLAB, PROVIDE 6" MINIMUM THICKNESS OF CLASS VI SELECT MATERIAL FOUNDATION CONDITIONING MATERIAL.

FOR VERTICAL CONCRETE BARRIER RAIL WITH MOMENT SLAB, SEE SPECIAL PROVISIONS.

## BAR TYPES




ALL BAR DIMENSIONS ARE OUT TO OUT

## BILL OF MATERIAL

FOR MOMENT SLAB @ END BENT 1 ONLY

| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
|---|---|---|---|---|---|
| ✱ A1 | 12 | #5 | STR. | 11'-3" | 141 |
| A2 | 12 | #5 | STR. | 11'-3" | 141 |
| ✱ A3 | 5 | #5 | STR. | 10'-3" | 53 |
| A4 | 5 | #5 | STR. | 10'-3" | 53 |
| | | | | | |
| ✱ B1 | 11 | #5 | 2 | 33'-7" | 385 |
| B2 | 11 | #5 | 2 | 33'-7" | 385 |
| ✱ B3 | 1 | #5 | STR. | 5'-3" | 5 |
| B4 | 2 | #5 | STR. | 5'-3" | 11 |
| ✱ B5 | 1 | #5 | STR. | 23'-2" | 24 |
| B6 | 2 | #5 | STR. | 23'-2" | 48 |
| | | | | | |
| ✱ S7 | 1 | #5 | 1 | 11'-2" | 12 |
| S8 | 1 | #5 | 1 | 11'-2" | 12 |
| ✱ S9 | 2 | #5 | 3 | 8'-11" | 19 |
| S10 | 2 | #5 | 3 | 8'-11" | 19 |
| REINFORCING STEEL ✱✱ | | | | | 669 LBS. |
| ✱ EPOXY COATED REINFORCING STEEL ✱✱ | | | | | 639 LBS. |
| CLASS AA CONCRETE ✱✱ | | | | | 14.3 CU. YDS. |

✱✱ QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED. SEE SHEET 3 OF 3.

PROJECT NO. R-3430B

BURKE & CALDWELL COUNTY

STATION: 34+52.50 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

# MOMENT SLABS

NORTH CAROLINA PROFESSIONAL SEAL 029360 ENGINEER RYAN D. FISHER
7/8/2025

GANNETT FLEMING
One Glenwood Avenue
Suite 900
Raleigh, NC 27603
919-420-7660
NC Lic. No. F-0270

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

| REVISIONS | | | | | | | |
|---|---|---|---|---|---|---|---|
| NO. | BY: | DATE: | NO. | BY: | DATE: | | |
| 1 | | | 3 | | | | |
| 2 | | | 4 | | | | |

SHEET NO. S-59
TOTAL SHEETS 61

DRAWN BY : M. SPENCER DATE : 09/2023
CHECKED BY : R. FISHER DATE : 09/2023
DESIGN ENGINEER OF RECORD: DATE :