

NOTES

FOR BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, 6" Ø DRAINAGE PIPE, AND SELECT MATERIAL BACKFILL, SEE ROADWAY PLANS.

GEOTEXTILE SHALL BE TYPE I IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS SECTION 1056.

SELECT MATERIAL BACKFILL (CLASS V OR CLASS VI) SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 1016.

SELECT MATERIAL BACKFILL IS TO BE CONTINUOUS ALONG FILL FACE OF BACKWALL FROM OUTSIDE EDGE TO OUTSIDE EDGE OF APPROACH SLAB.

FOR THE 6" Ø DRAINAGE PIPE OUTLET(S), SEE ROADWAY STANDARD DRAWINGS.

AREA BETWEEN THE WINGWALL AND APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE AND SHALL BE PAVED, SEE ROADWAY PLANS.

APPROACH SLAB GROOVING IS NOT REQUIRED.

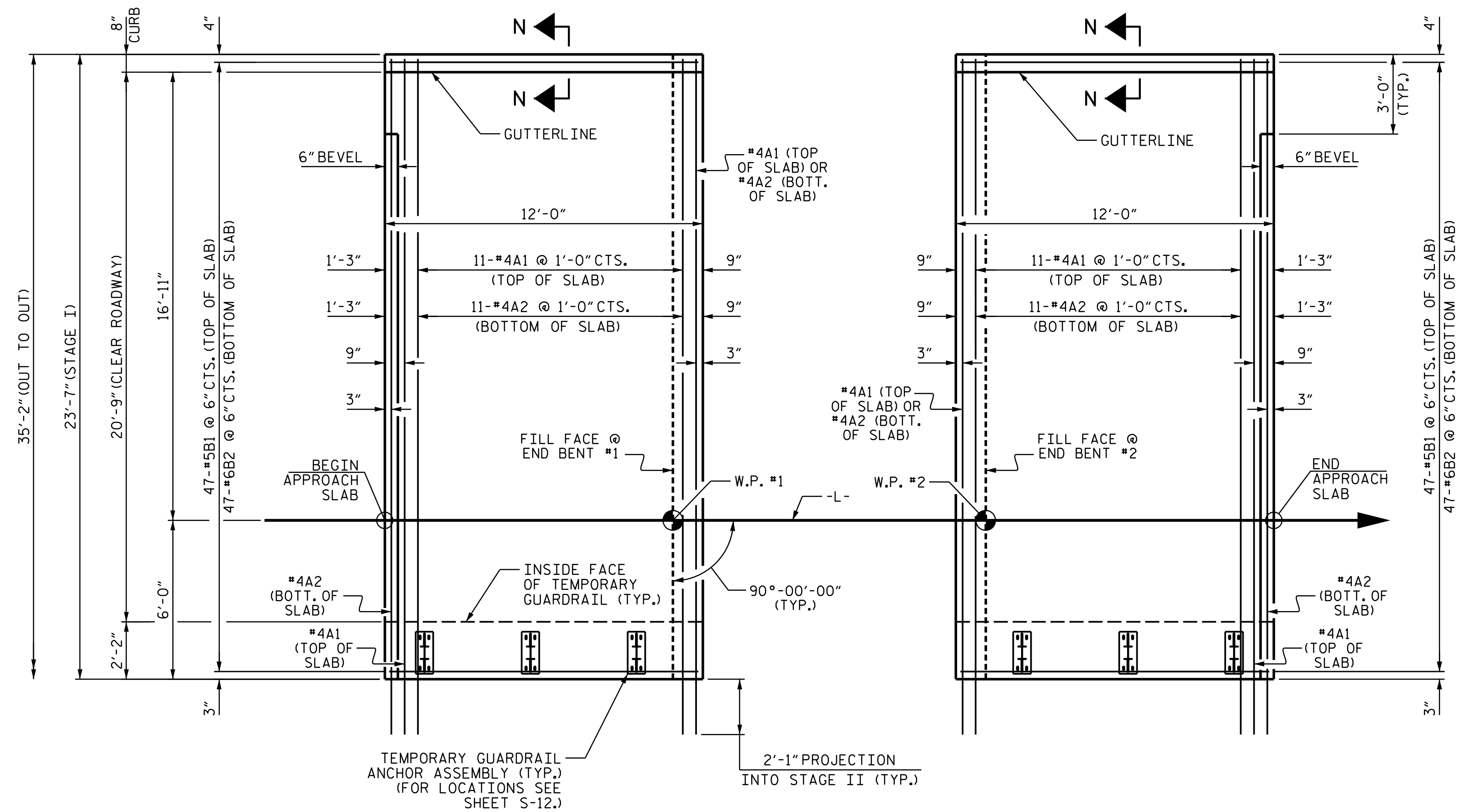
APPLY TYPE 4 OR 5 GEOTEXTILE ONE FOOT BELOW THE APPROACH SLAB FOR THE FULL WIDTH OF THE APPROACH FILL.

BILL OF MATERIAL - STAGE I
FOR ONE APPROACH SLAB

| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT | |
|----------------------------------|-----|------|------|--------|--------|------|
| *A1 | 13 | #4 | STR | 25'-6" | 221 | |
| A2 | 13 | #4 | STR | 25'-6" | 221 | |
| *B1 | 47 | #5 | STR | 11'-2" | 547 | |
| B2 | 47 | #6 | STR | 11'-8" | 824 | |
| REINFORCING STEEL | | | | | LBS. | 1045 |
| * EPOXY COATED REINFORCING STEEL | | | | | LBS. | 768 |
| CLASS AA CONCRETE | | | | | C. Y. | 13.5 |

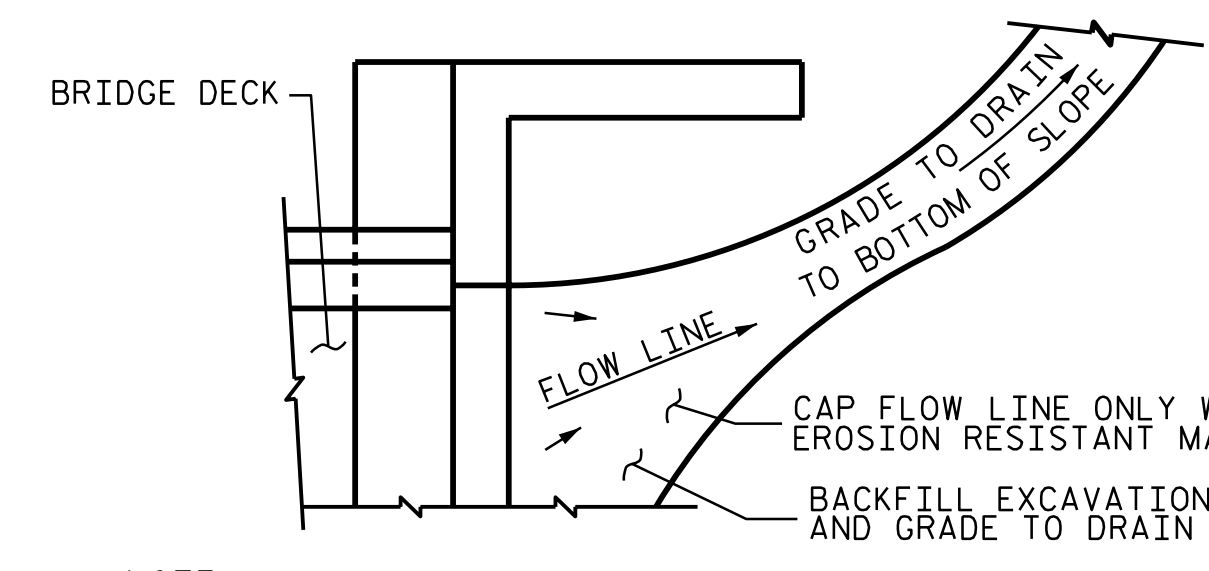
SPLICE LENGTHS

| BAR SIZE | EPOXY COATED | UNCOATED |
|----------|--------------|----------|
| #4 | 1'-11" | 1'-7" |
| #5 | 2'-5" | 2'-0" |
| #6 | 3'-7" | 2'-5" |

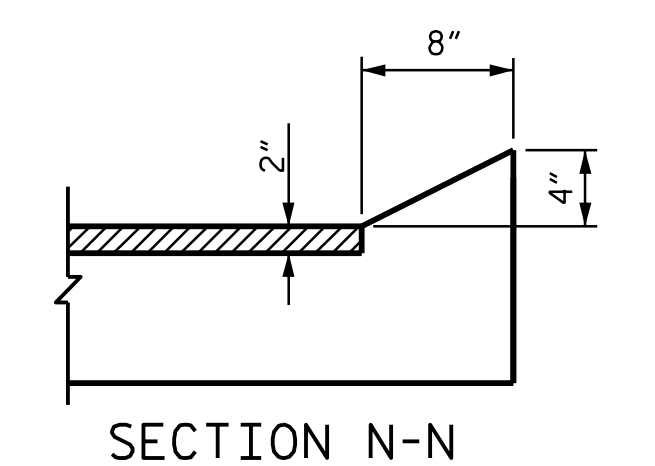


PLAN @ END BENT #1 **PLAN @ END BENT #2**

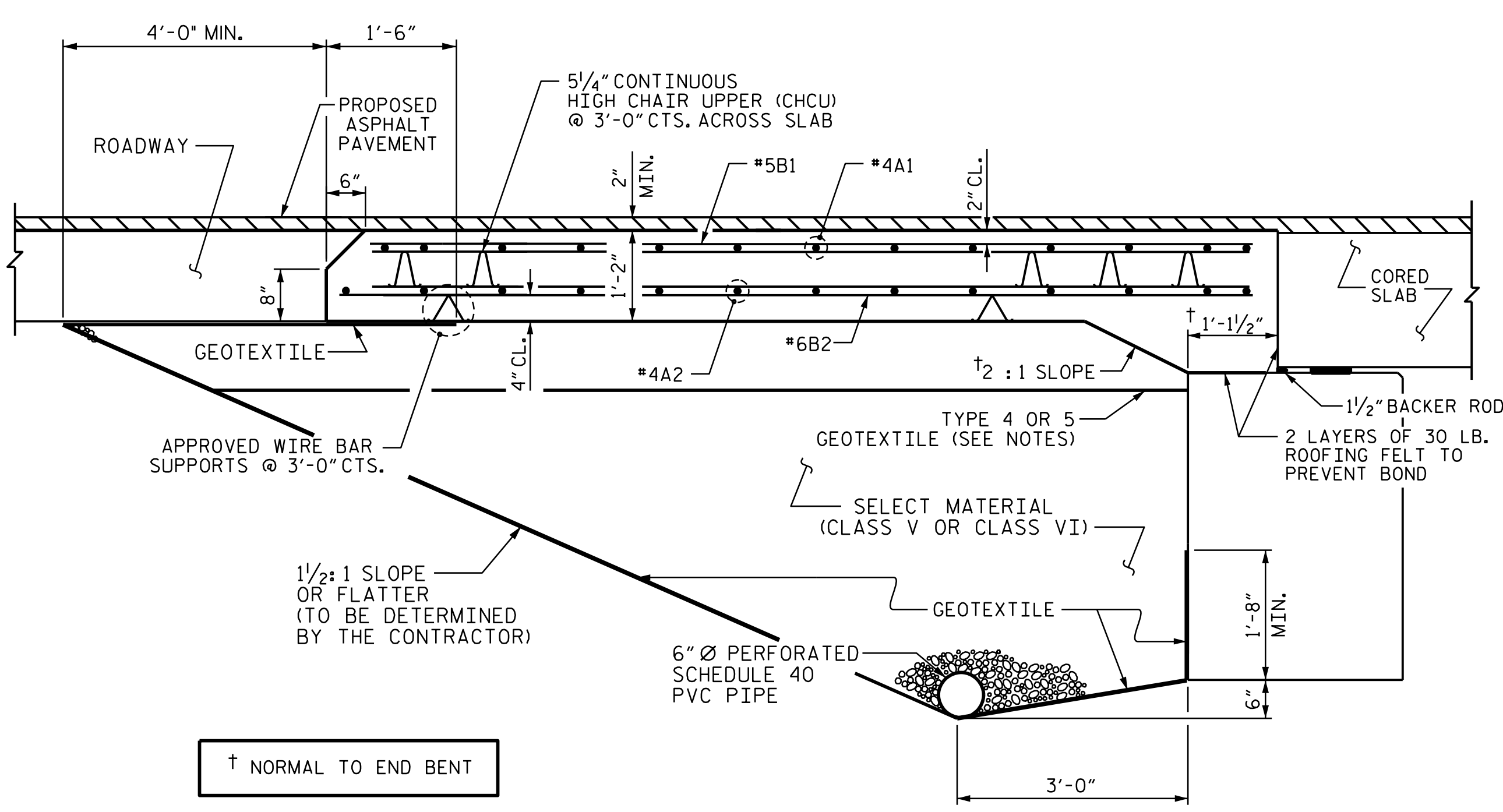
DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS



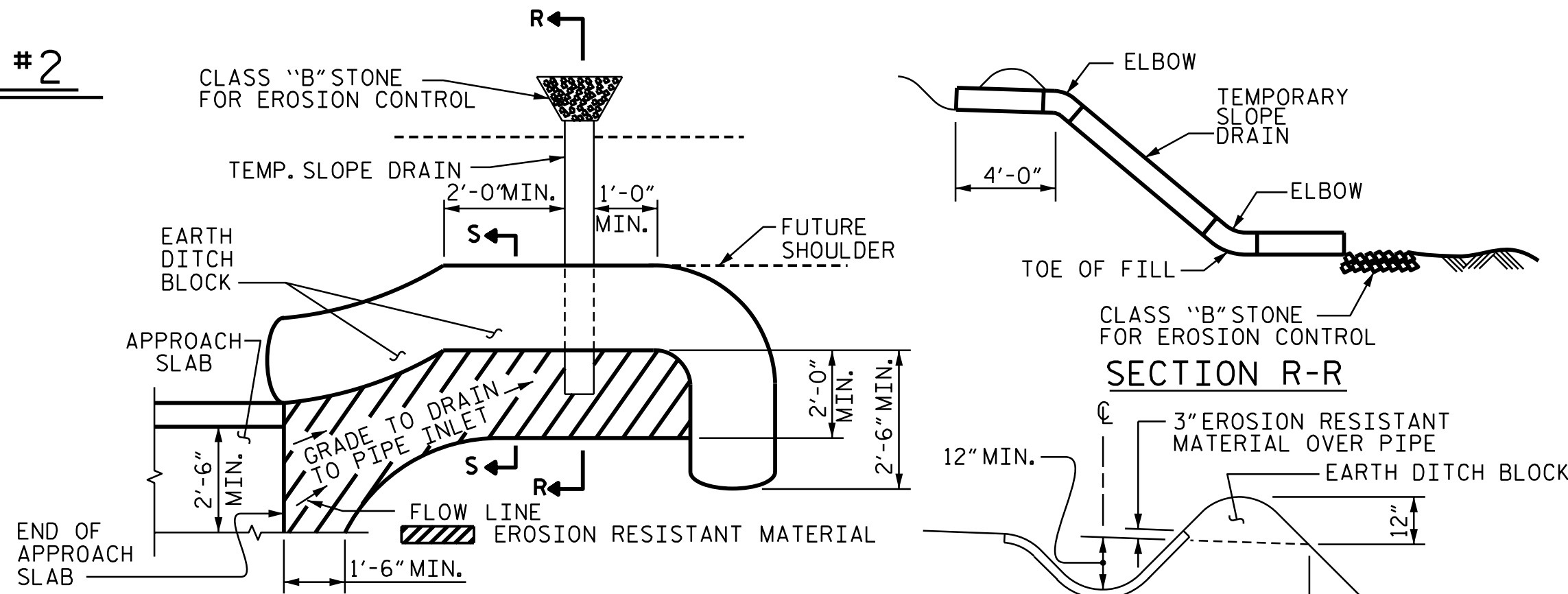
TEMPORARY DRAINAGE DETAIL



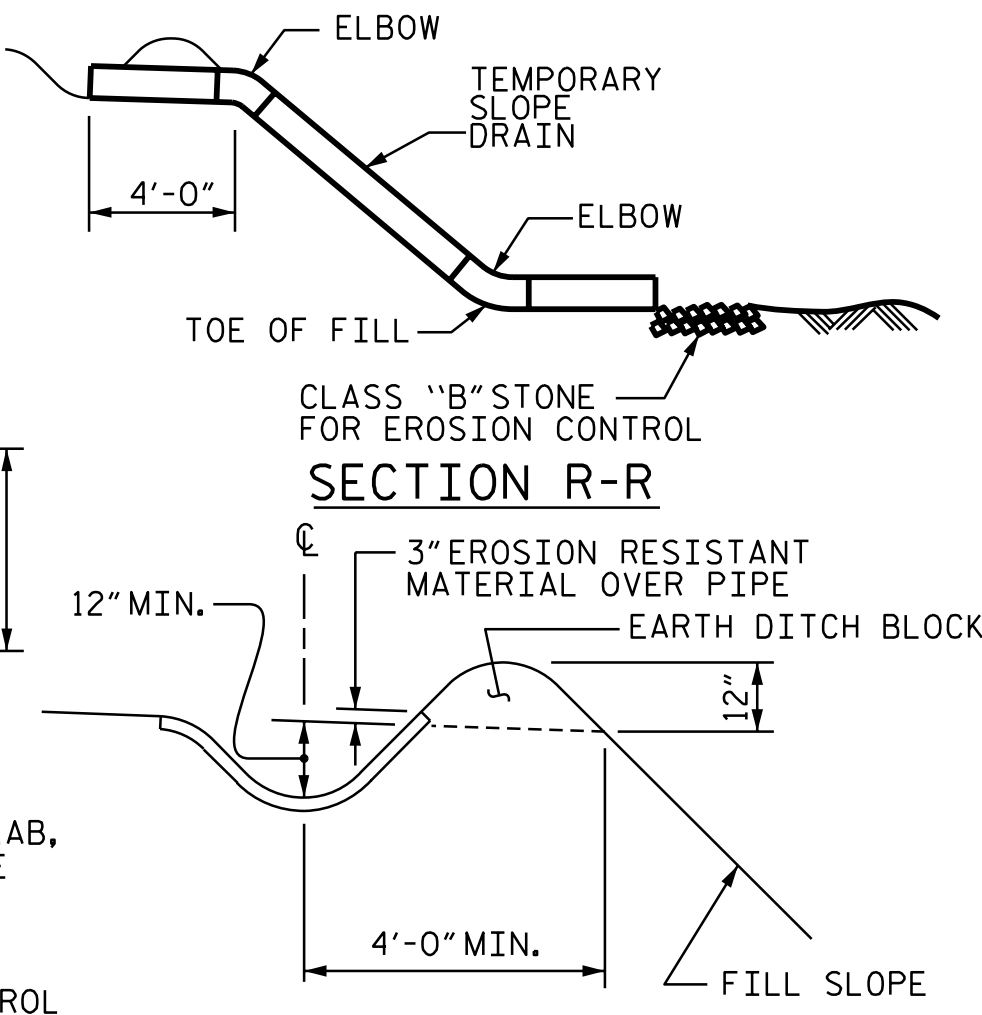
SECTION N-N



SECTION THRU SLAB
(TYPE I - STANDARD APPROACH FILL)



PLAN VIEW
TEMPORARY BERM AND SLOPE DRAIN DETAILS
(TO BE USED WHEN SHOULDER BERM GUTTER IS REQUIRED)

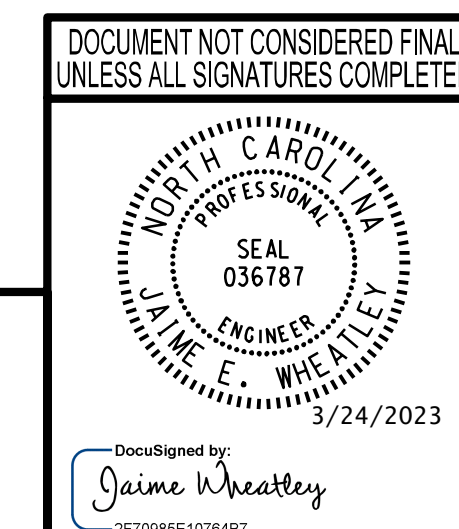


SECTION S-S

PROJECT NO. B-5893
MITCHELL COUNTY
STATION: 12+89.50 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
BRIDGE APPROACH SLAB
FOR PRESTRESSED CONCRETE
CORED SLAB UNIT
(SUB-REGIONAL TIER)
90° SKEW



wsp
WSP USA Inc.
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
TEL: 1.919.836.4040
LICENSE NO. F-0165

REVISIONS

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

SHEET NO. **S-23**
TOTAL SHEETS **24**

3/24/2023 J:\188906R-14 B-5893 Bridge 19 over Cub Creek Structures\2.0 Drafting\Drawings\401_047_B5893_SMU_ASI.dgn

DESIGNED BY: J. WHEATLEY DATE: MAR 2023
DRAWN BY: J. WHEATLEY DATE: MAR 2023
CHECKED BY: T. KIRSCHBAUM DATE: MAR 2023
DESIGN ENGINEER OF RECORD: J. WHEATLEY DATE: MAR 2023