

NOTES

FOR BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, 4" Ø DRAINAGE PIPE, AND #78M STONE BACKFILL, SEE ROADWAY PLANS.

GEOTEXTILE SHALL BE TYPE 1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS SECTION 1056.

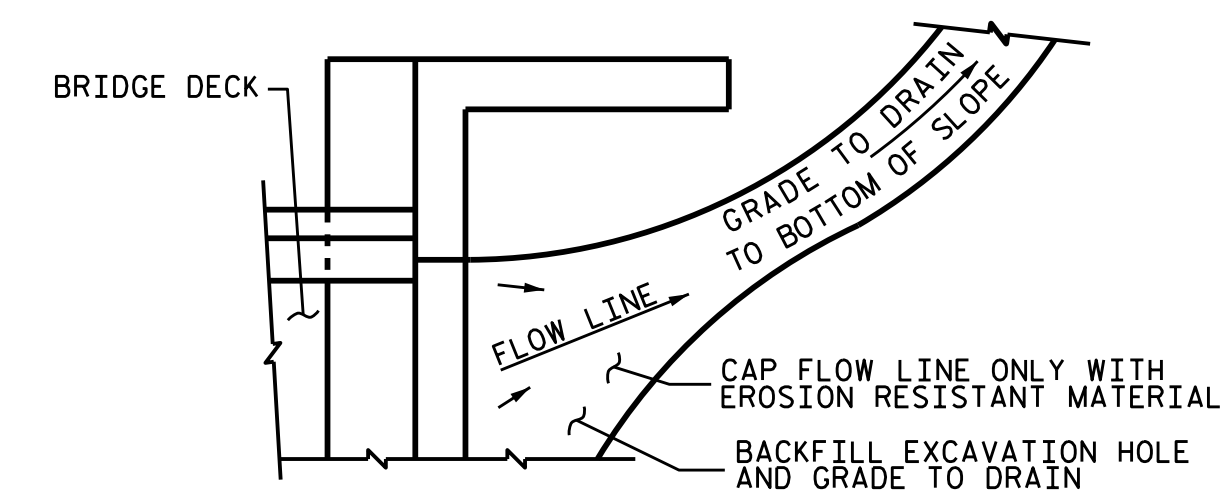
#78M STONE BACKFILL (CLASS V SELECT MATERIAL) SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 1016.

#78M STONE BACKFILL IS TO BE CONTINUOUS ALONG FILL FACE OF BACKWALL FROM OUTSIDE EDGE TO OUTSIDE EDGE OF APPROACH SLAB.

FOR THE 4" Ø DRAINAGE PIPE OUTLET(S), SEE ROADWAY STANDARD DRAWINGS.

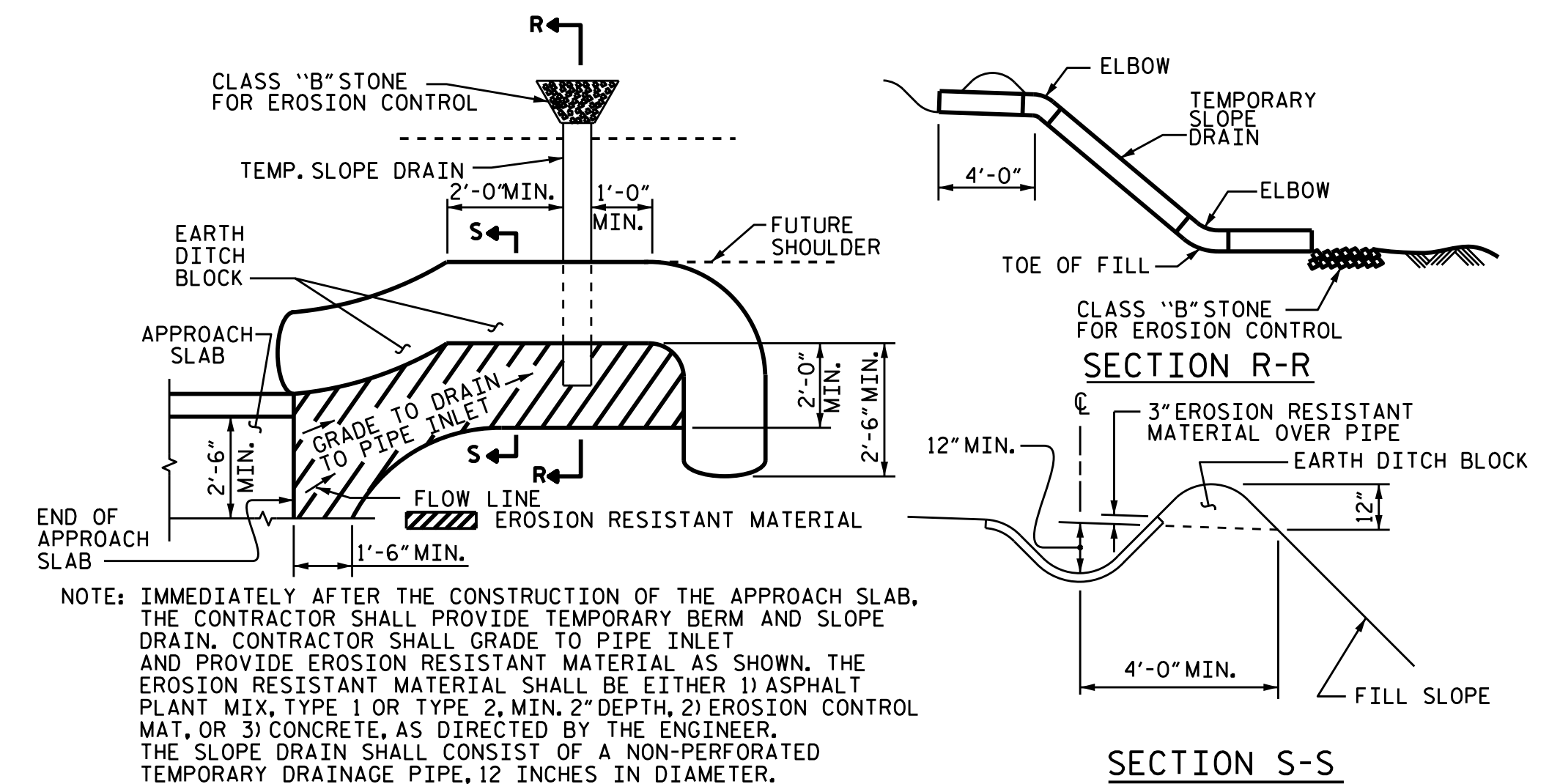
AREA BETWEEN THE WINGWALL AND APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE AND SHALL BE PAVED. SEE ROADWAY PLANS.

APPROACH SLAB GROOVING IS NOT REQUIRED.



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.

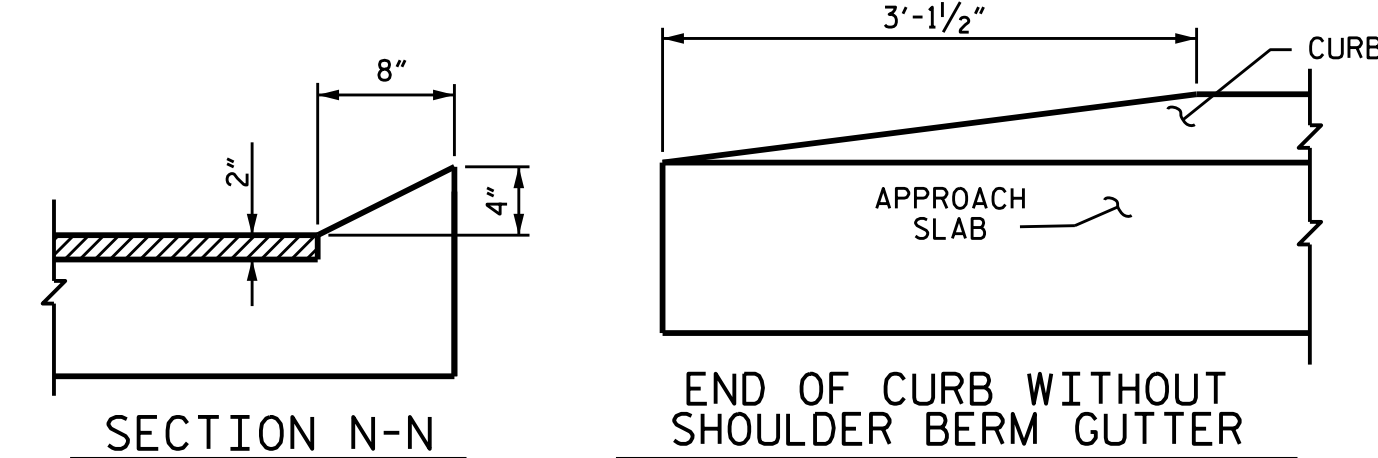
TEMPORARY DRAINAGE DETAIL



PLAN VIEW

TEMPORARY BERM AND SLOPE DRAIN DETAILS

(TO BE USED WHEN SHOULDER BERM GUTTER IS REQUIRED)



CURB DETAILS

| SPlice LENGTHS | | |
|----------------|--------------|----------|
| BAR SIZE | EPOXY COATED | UNCOATED |
| #4 | 2'-0" | 1'-9" |
| #5 | 2'-6" | 2'-2" |
| #6 | 3'-10" | 2'-7" |



12/21/2015 Marshall G. Cook, Jr.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

BILL OF MATERIAL

| APPROACH SLAB AT EB No. 1 | | | | | |
|---------------------------|-----|------|------|--------|--------|
| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
| *A1 | 26 | #4 | STR | 19'-3" | 334 |
| A2 | 26 | #4 | STR | 19'-1" | 331 |
| *B1 | 64 | #5 | STR | 11'-1" | 740 |
| B2 | 64 | #6 | STR | 11'-7" | 1113 |

| | | |
|---------------------------------|------|------|
| REINFORCING STEEL | LBS. | 1444 |
| *EPOXY COATED REINFORCING STEEL | LBS. | 1074 |

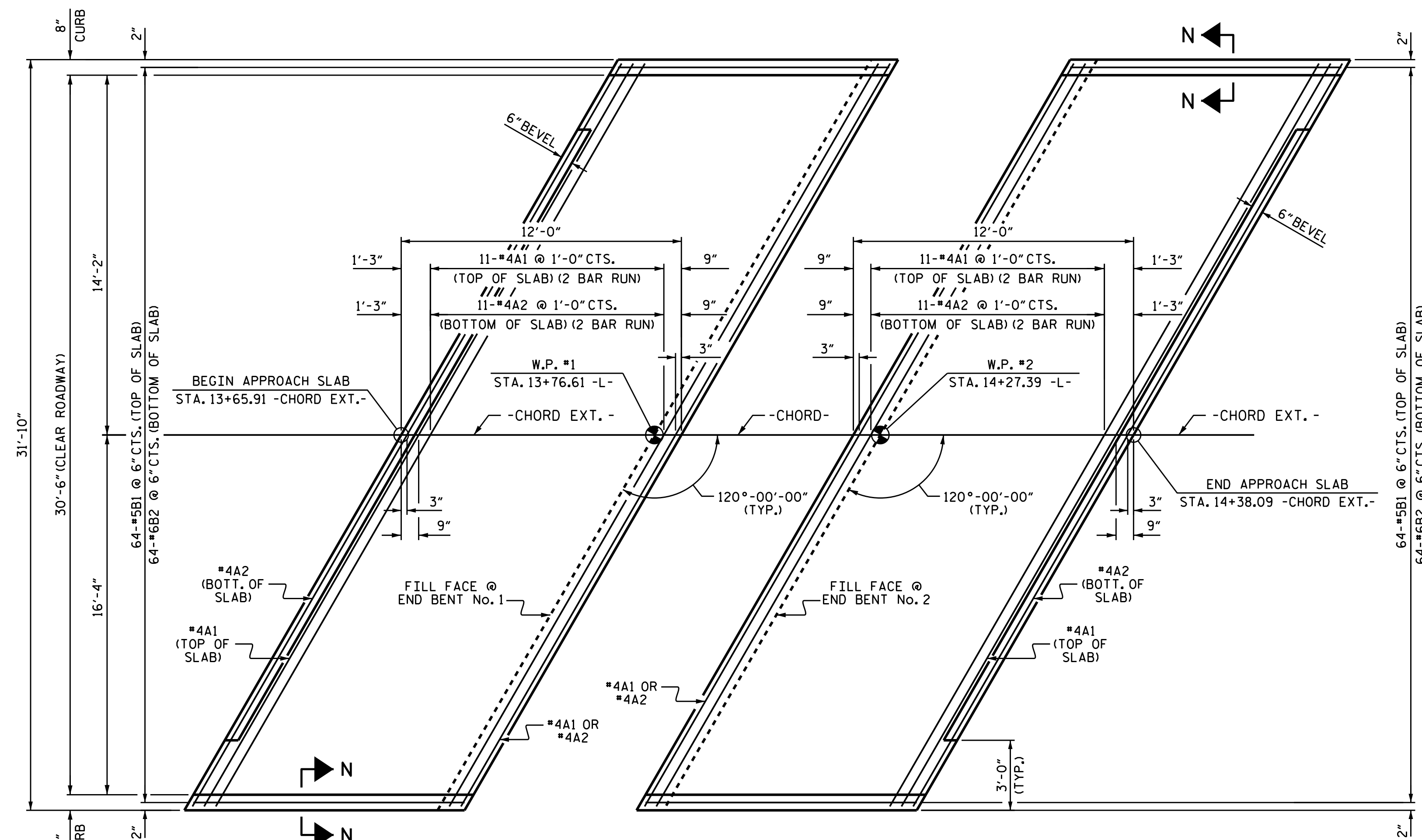
| | | |
|-------------------|-------|------|
| CLASS AA CONCRETE | C. Y. | 17.4 |
|-------------------|-------|------|

APPROACH SLAB AT EB No. 2

| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
|-----|-----|------|------|--------|--------|
| *A1 | 26 | #4 | STR | 19'-3" | 334 |
| A2 | 26 | #4 | STR | 19'-1" | 331 |
| *B1 | 64 | #5 | STR | 11'-1" | 740 |
| B2 | 64 | #6 | STR | 11'-7" | 1113 |

| | | |
|---------------------------------|------|------|
| REINFORCING STEEL | LBS. | 1444 |
| *EPOXY COATED REINFORCING STEEL | LBS. | 1074 |

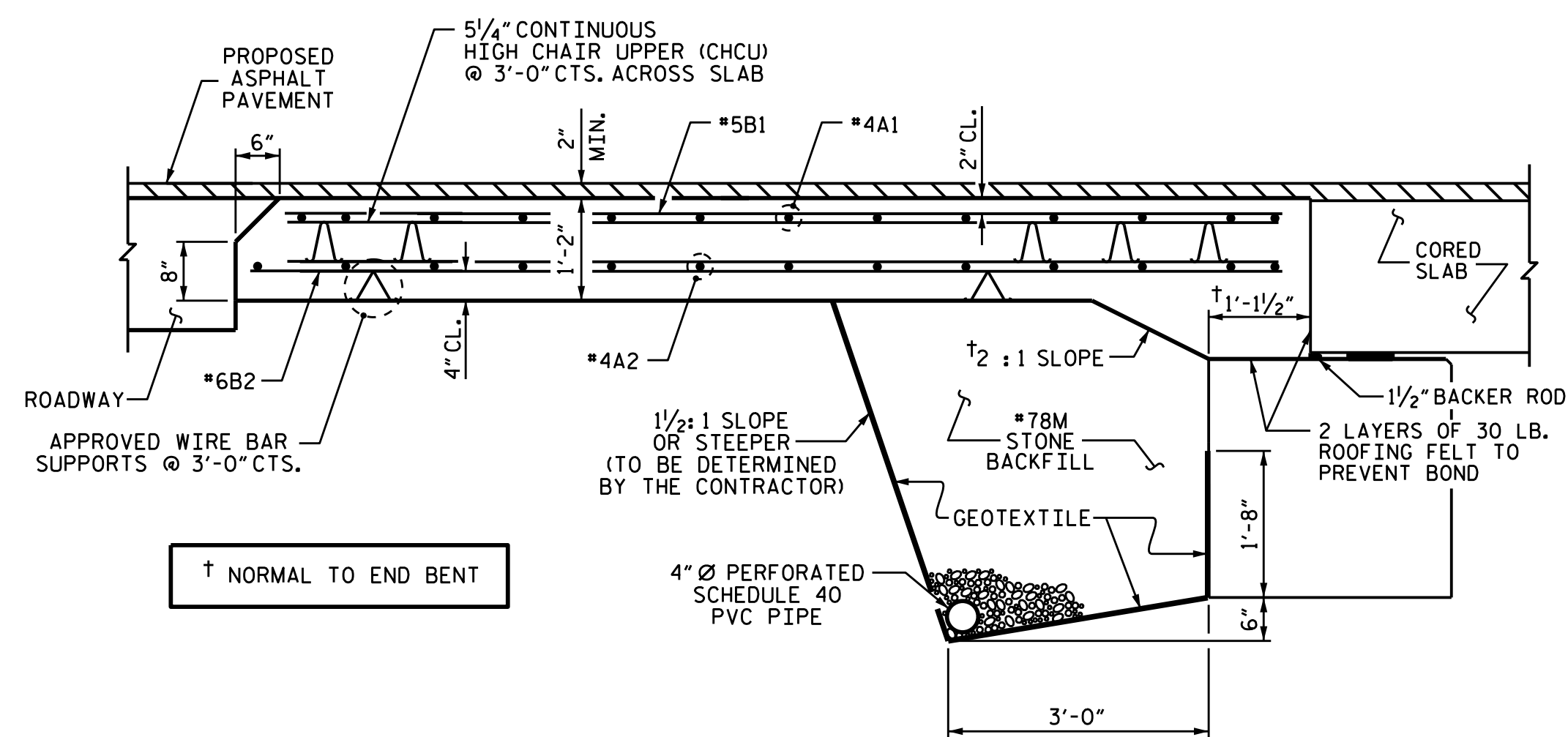
| | | |
|-------------------|-------|------|
| CLASS AA CONCRETE | C. Y. | 17.4 |
|-------------------|-------|------|



PLAN @ END BENT No. 1

PLAN @ END BENT No. 2

DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS



SECTION THRU SLAB

DRAWN BY : B.N. GRADY
CHECKED BY : D. HODGE

DATE : 10/15
DATE : 11/15

18-DEC-2015 13:26
R:\Structures\Final Plans\B5244_SD_AS.dgn
bngrady

PROJECT NO. B-5244
BUNCOMBE COUNTY
STATION: 14+02.00 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB
FOR PRESTRESSED CONCRETE
CORED SLAB UNIT
(SUB-REGIONAL TIER)
120° SKEW

| REVISIONS | | | | | | SHEET NO. | |
|-----------|-----|-------|-----|-----|-------|--------------|--|
| NO. | BY: | DATE: | NO. | BY: | DATE: | S-18 | |
| 1 | | | 3 | | | TOTAL SHEETS | |
| 2 | | | 4 | | | 18 | |