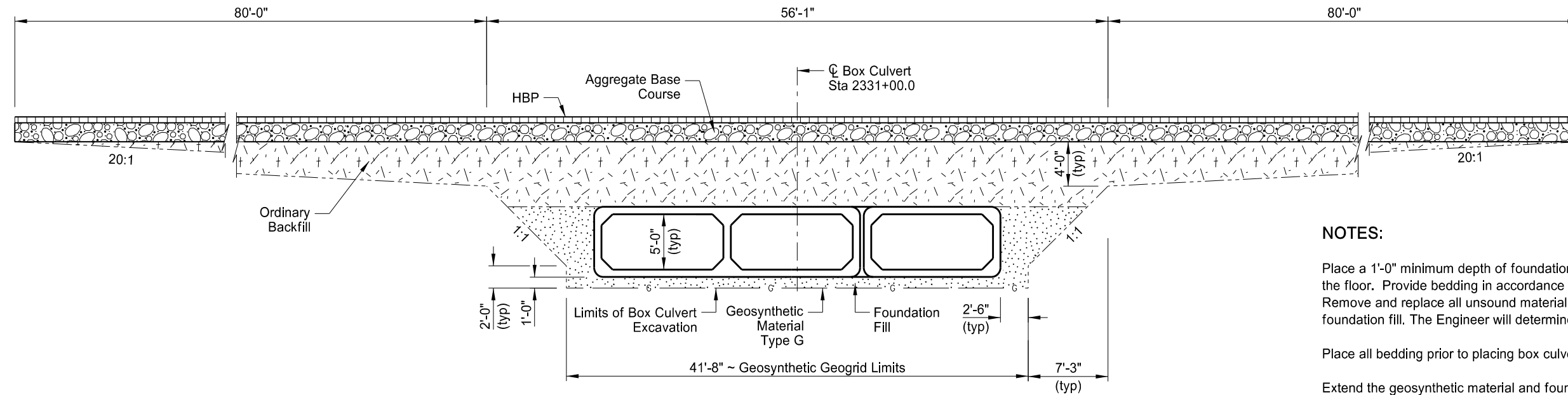


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|-------|----------------|-------------|-----------|
| STATE | PROJECT NO. | SECTION NO. | SHEET NO. |
| ND | PROJECT NUMBER | 170 | 12 |



NOTES:

Place a 1'-0" minimum depth of foundation fill and bedding under the floor. Provide bedding in accordance with Section 606.E.1. Remove and replace all unsound material under the box with foundation fill. The Engineer will determine the depth required.

Place all bedding prior to placing box culvert sections.

Extend the geosynthetic material and foundation fill to the end of the apron.

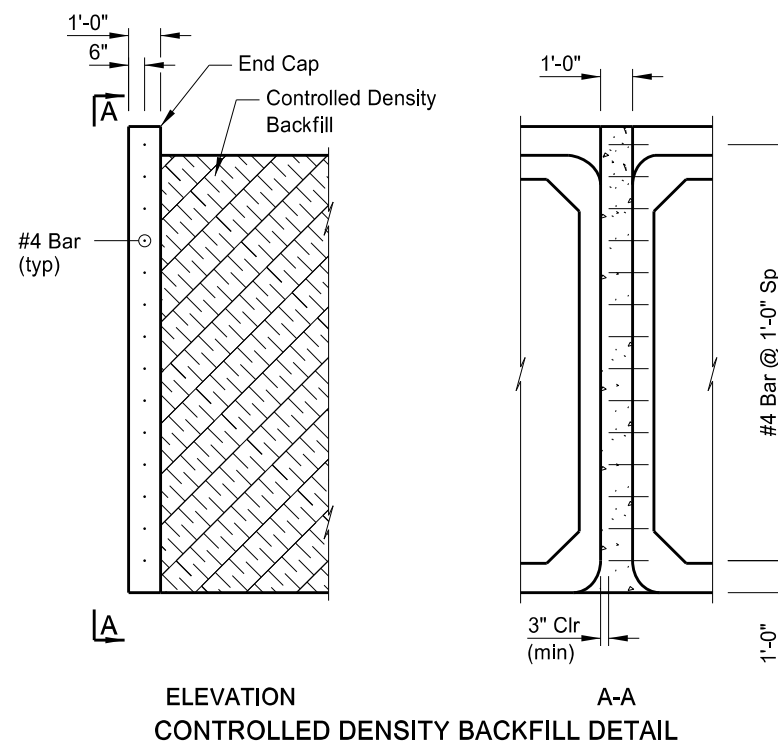
(SHOWING SECTION ALONG ϕ ROADWAY)
GEOSYNTHETIC GEOGRID PLACEMENT AND FOUNDATION FILL THROUGH EXISTING EMBANKMENT

NOTES:

The intent of this detail is to show only the placement of the controlled density backfill between adjacent barrels. The representation of the size of barrels is arbitrary.

Embed the # 4 bar 6" into the side of one of the box culvert end sections maintaining a 3" minimum clearance from the other box culvert. Spacing measured 1'-0" from bottom of box and spaced at 1'-0" up the front face.

Install the # 4 bars according to the manufacturer's recommendations, with a high strength adhesive specifically intended for concrete anchorage and that meets the requirements of Section 806.02.



This drawing is preliminary and not for construction or implementation purposes.

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|-------------------------------------|
| LOCATION |
| EXCAVATION & FOUNDATION FILL DETAIL |