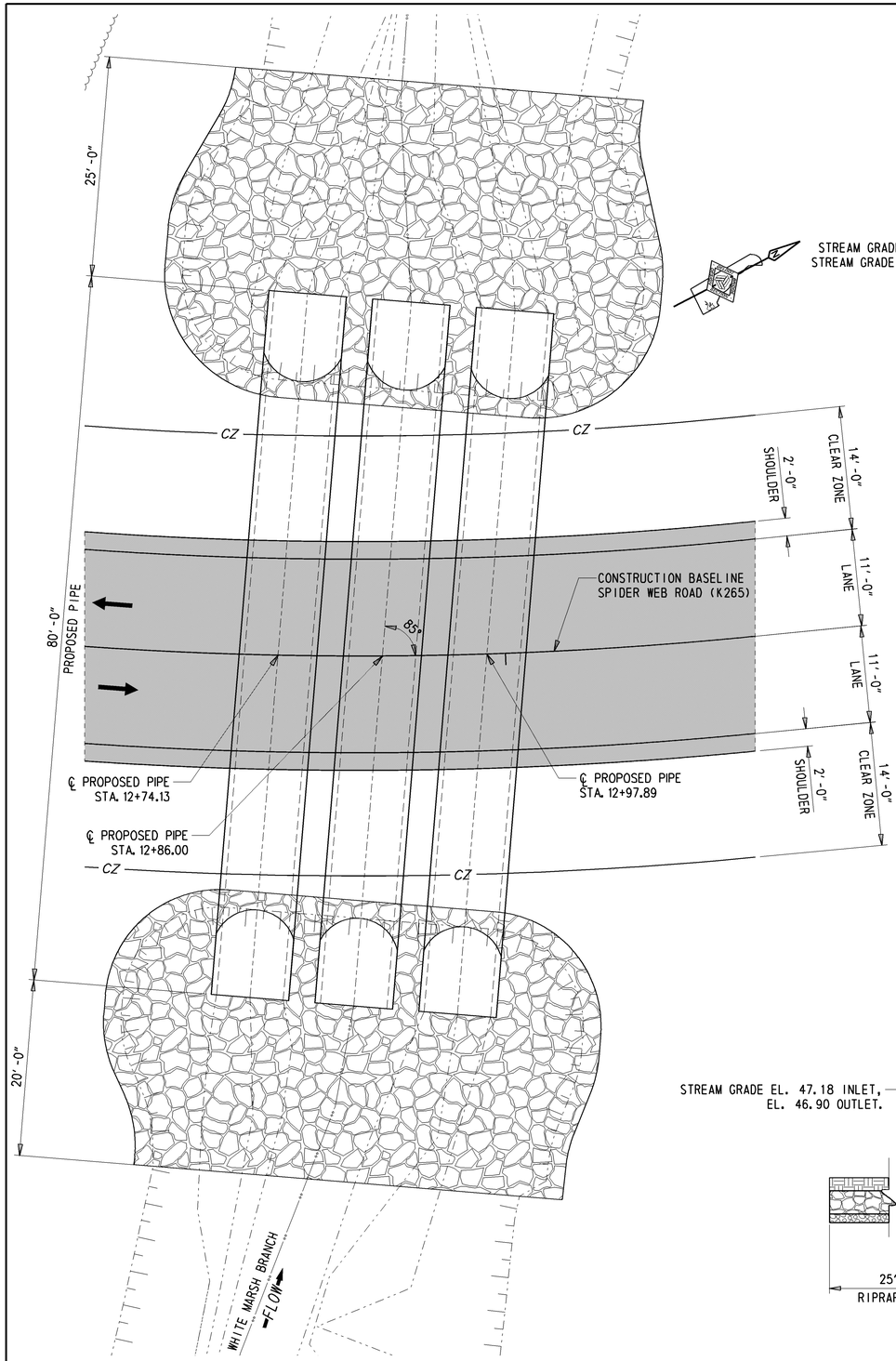
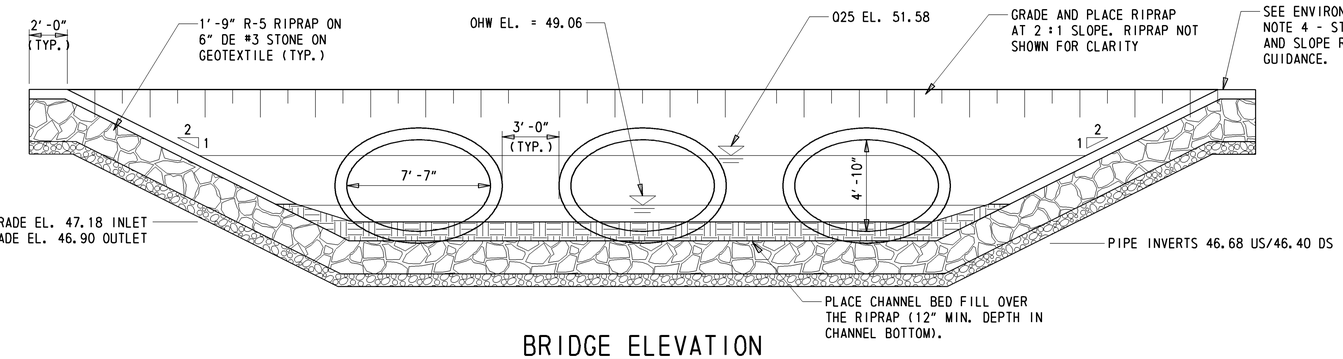


PLAN

1/8" = 1'-0"

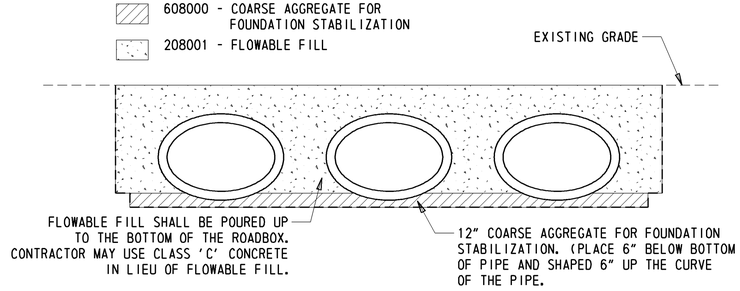


BRIDGE ELEVATION

1/4" = 1'-0"

BACKFILL LEGEND:

- FOOTPRINT OF BACKFILL
- 608000 - COARSE AGGREGATE FOR FOUNDATION STABILIZATION
- 208001 - FLOWABLE FILL

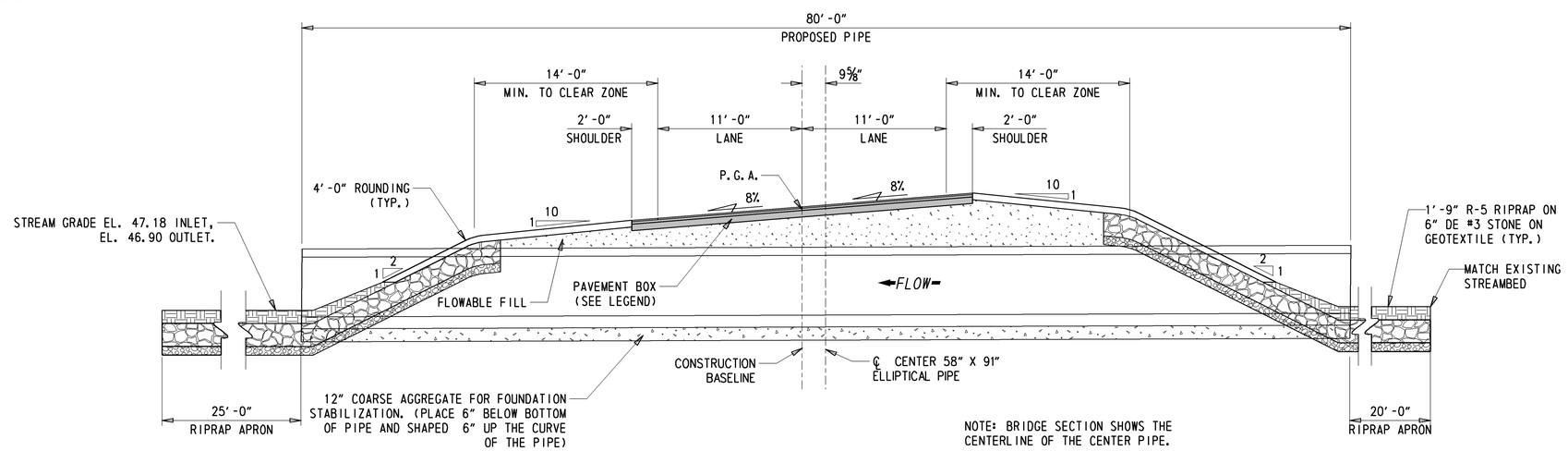


TYPICAL BACKFILL SECTION

1/16" = 1'-0"

NOTES:

1. PROPOSED BRIDGE
   THE EXISTING (3) 63" X 87" CORRUGATED METAL PIPE ARCHES SHALL BE REPLACED WITH (3) 58" X 91" REINFORCED CONCRETE ELLIPTICAL PIPES (80'-0" LONG). THE PIPES SHALL BE PLACED 6" BELOW THE ESTABLISHED STREAM GRADE. PLACE PIPES WITH A 3'-0" GAP BETWEEN THE OUTER WALLS OF EACH RUN. PLACE 6" COARSE AGGREGATE BEDDING BENEATH PIPES AND 6" SHAPED UP THE CURVE OF EACH PIPE. FLOWABLE FILL OR CLASS 'C' CONCRETE SHALL BE POURED TO THE BOTTOM OF THE ROAD BOX.
2. RIPRAP PLACEMENT
   A. UPSTREAM - RIPRAP SHALL BE PLACED IN THE CHANNEL BOTTOM 20'-0" FROM THE PIPE INLET ALONG THE STREAM CENTERLINE AND SHALL BE PLACED TO CREATE A SMOOTH BEND THAT MATCHES THE EXISTING STREAM BANKS.
   B. DOWNSTREAM - RIPRAP SHALL BE PLACED IN THE CHANNEL BOTTOM 25'-0" FROM THE PIPE OUTLET ALONG THE STREAM CENTERLINE AND SHALL BE PLACED TO CREATE A SMOOTH BEND THAT MATCHES THE EXISTING STREAM BANKS.



BRIDGE SECTION

3/16" = 1'-0"

Y:\KENT\265\BRIDGE\T201307202\PLANS\PE01.DGN

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	BR 2-265B ON SPIDER WEB ROAD OVER WHITE MARSH BRANCH	CONTRACT T201307202 / COUNTY KENT	BRIDGE NO. 2-265B / DESIGNED BY: CBB / CHECKED BY: EM	BRIDGE PLAN, SECTION, & ELEVATION	SHEET NO. 9 / TOTAL SHTS. 15