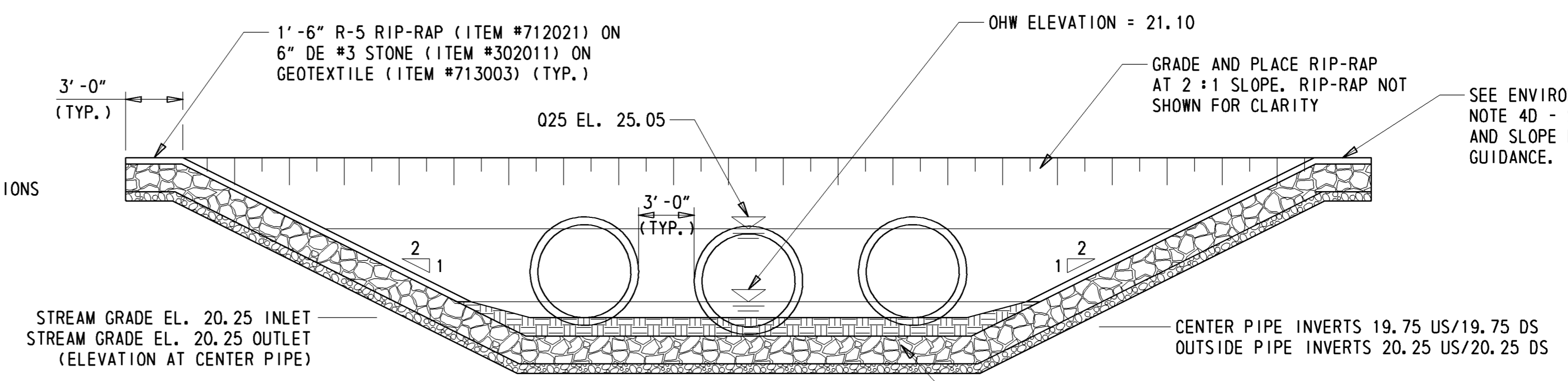


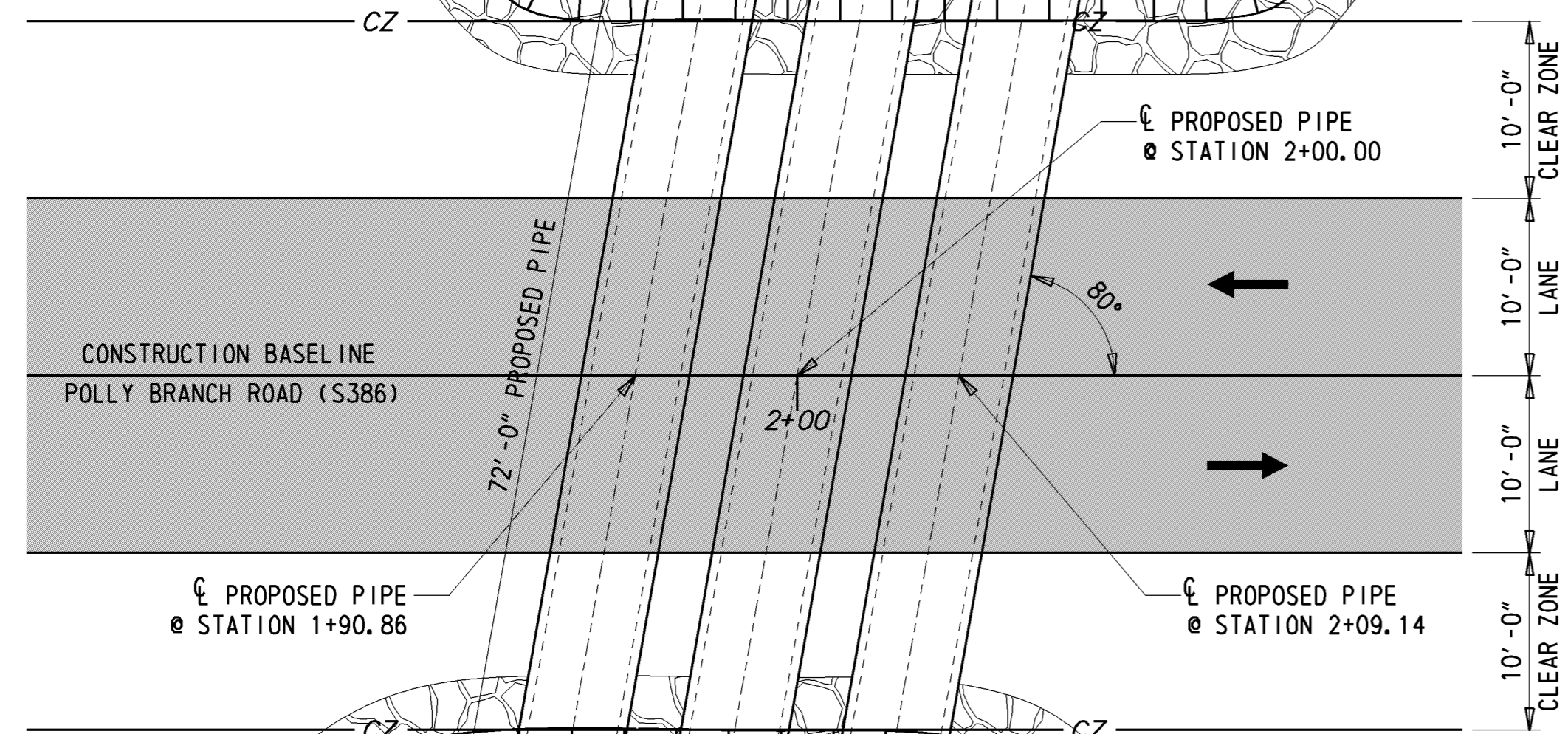
**PLAN**  
1/8" = 1'-0"



**BRIDGE ELEVATION**  
3/16" = 1'-0"

**NOTES:**

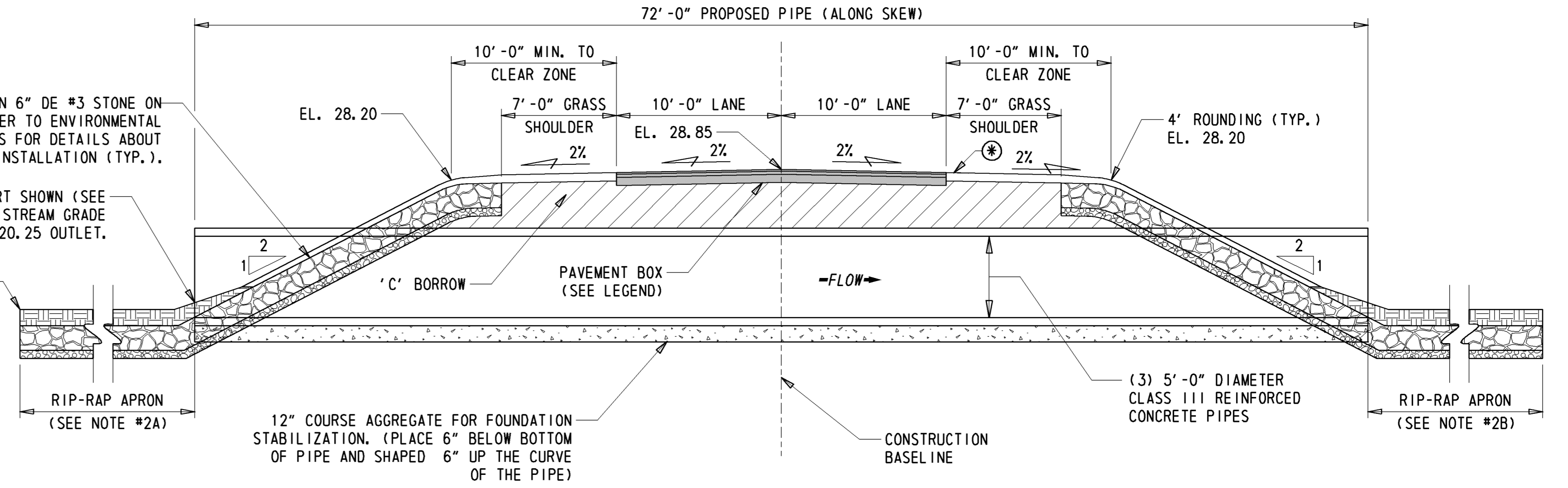
1. PROPOSED BRIDGE:  
THE EXISTING (3) 3'-11" x 5'-11" CORRUGATED METAL PIPE ARCHES SHALL BE REPLACED WITH (3) 5'-0" DIAMETER REINFORCED CONCRETE PIPES (72'-0" LONG). THE CENTER PIPE SHALL BE PLACED 6" BELOW THE ESTABLISHED STREAM GRADE. THE INVERT OF THE OUTER PIPES SHALL BE PLACED 6" ABOVE THE INVERT OF THE CENTER PIPE. PLACE PIPES WITH A 3'-0" GAP BETWEEN THE OUTER WALLS OF EACH RUN. PLACE 6" COURSE AGGREGATE BEDDING BENEATH PIPES AND 6" SHAPED UP THE CURVE OF EACH PIPE.
2. RIP-RAP PLACEMENT:
  - A. UPSTREAM - RIP-RAP 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 - RIP-RAP SHALL BE PLACED IN THE CHANNEL BOTTOM 20'-0" FROM THE PIPE OUTLET ALONG THE STREAM CENTERLINE AND SHALL BE PLACED TO CREATE A SMOOTH BEND THAT MATCHES THE EXISTING STREAM BANKS.



1'-6" R-5 RIP-RAP ON 6" DE #3 STONE ON GEOTEXTILE. REFER TO ENVIRONMENTAL COMPLIANCE NOTES FOR DETAILS ABOUT RIP-RAP INSTALLATION (TYP.).

CENTER PIPE INVERT SHOWN (SEE BRIDGE ELEVATION) STREAM GRADE EL. 20.25 INLET, EL. 20.25 OUTLET.

MATCH EXISTING (TYP.)



**BRIDGE SECTION**  
3/16" = 1'-0"

NOTE: BRIDGE SECTION SHOWS THE CENTERLINE OF THE CENTER PIPE. \*PLACE 6" TOPSOIL, PERMANENT SEEDING DRY GROUND

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