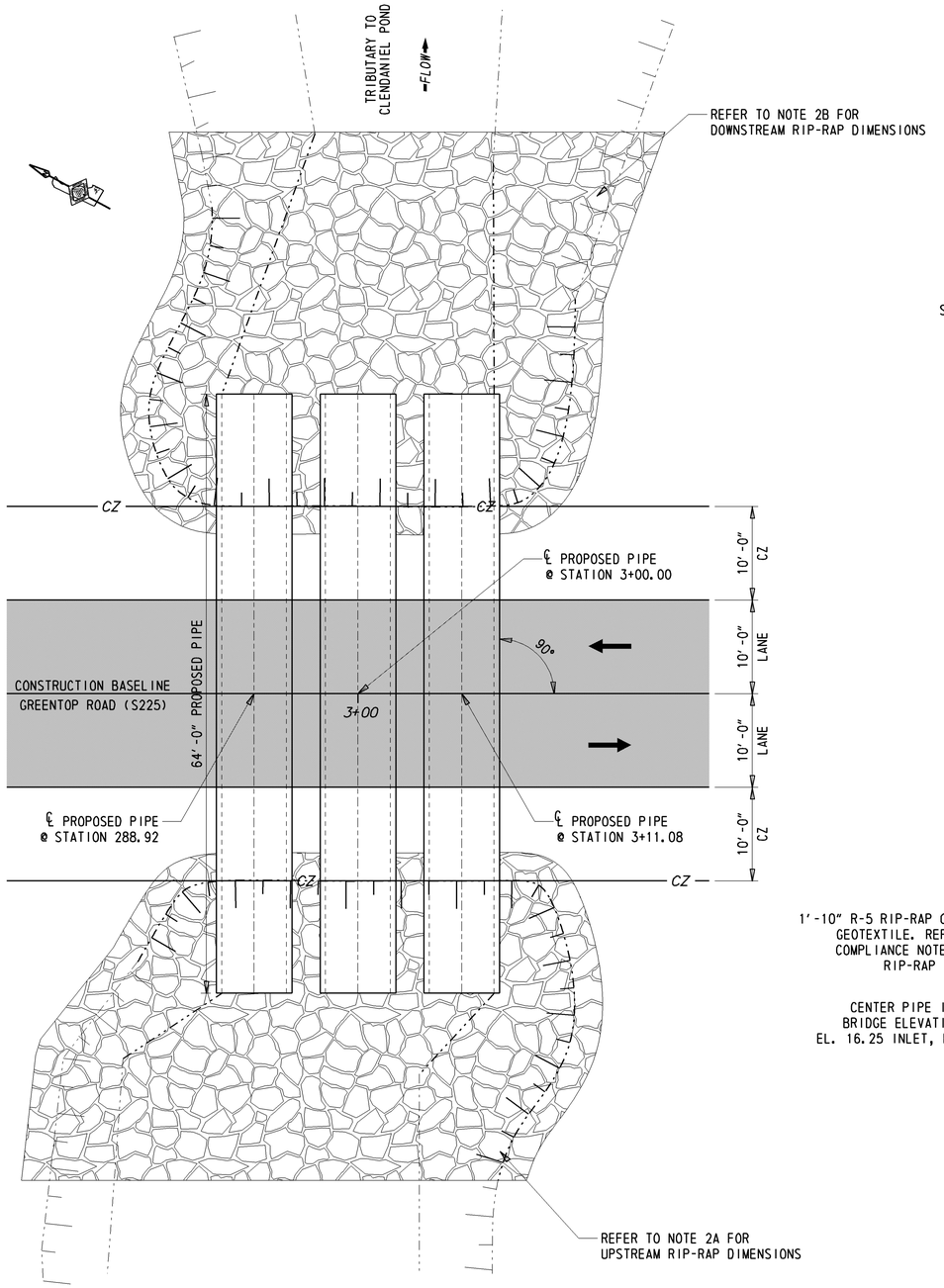
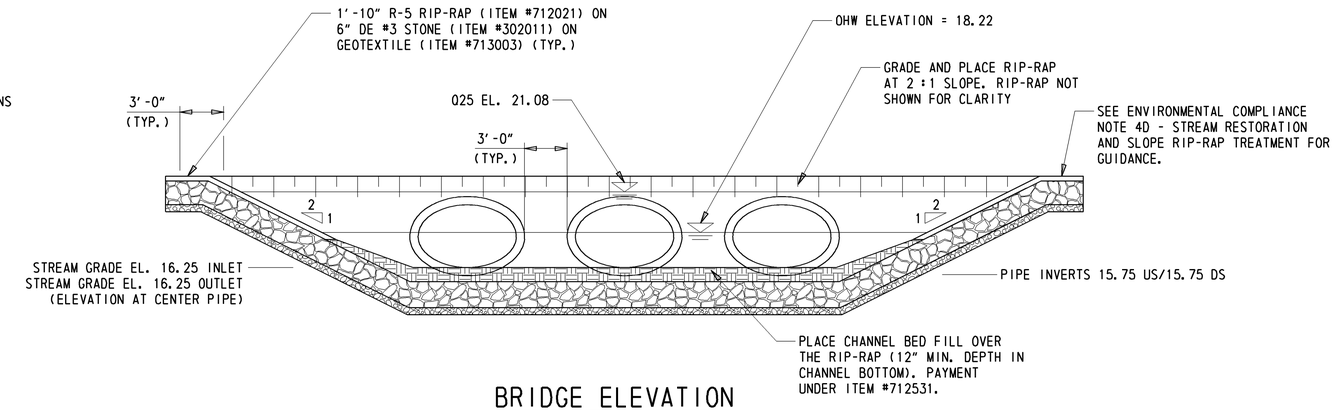


PLAN

1/8" = 1'-0"

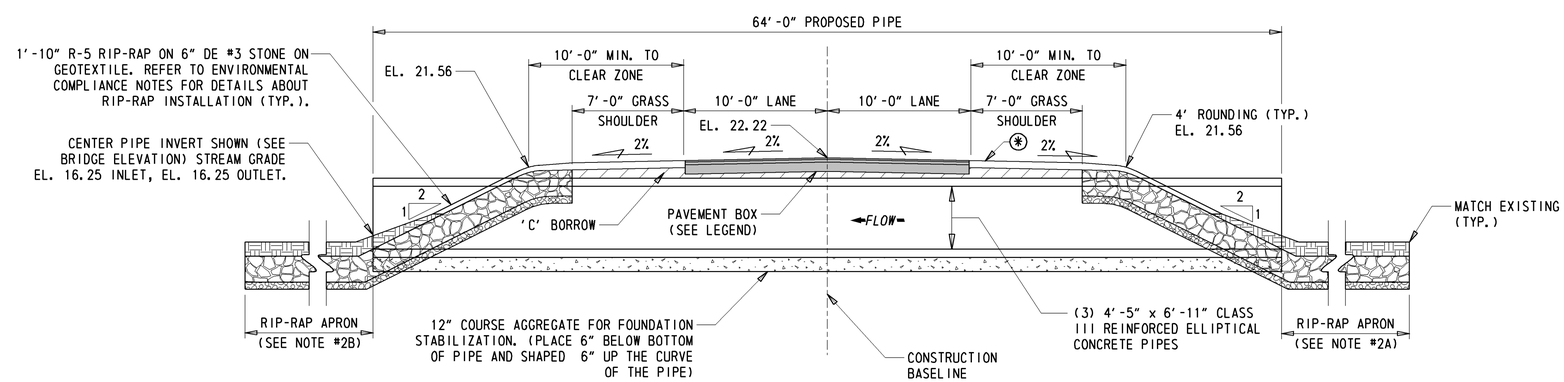


BRIDGE ELEVATION

1/16" = 1'-0"

NOTES:

1. PROPOSED BRIDGE:
   THE EXISTING (3) 6'-1" x 4'-7" CORRUGATED METAL PIPE ARCHES SHALL BE REPLACED WITH (3) 4'-5" x 6'-11" (53" x 83") REINFORCED ELLIPTICAL CONCRETE PIPES (64'-0" LONG). ALL THREE PIPES SHALL BE PLACED 6" BELOW THE ESTABLISHED STREAM GRADE. THE INVERT OF THE OUTER PIPES SHALL BE PLACED AT THE SAME ELEVATION AS 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 28'-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

1/16" = 1'-0"

NOTE: BRIDGE SECTION SHOWS THE CENTERLINE OF THE CENTER PIPE.

*-PLACE 6" TOPSOIL, PERMANENT SEEDING DRY GROUND

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DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	SUSSEX COUNTY PIPE REPLACEMENTS, FEDERAL, 2012	CONTRACT T201207604	BRIDGE NO. 3-941	BRIDGE PLAN, SECTION & ELEVATION	SHEET NO. 62
				COUNTY SUSSEX	DESIGNED BY: SMW		TOTAL SHTS. 68
					CHECKED BY: EM		