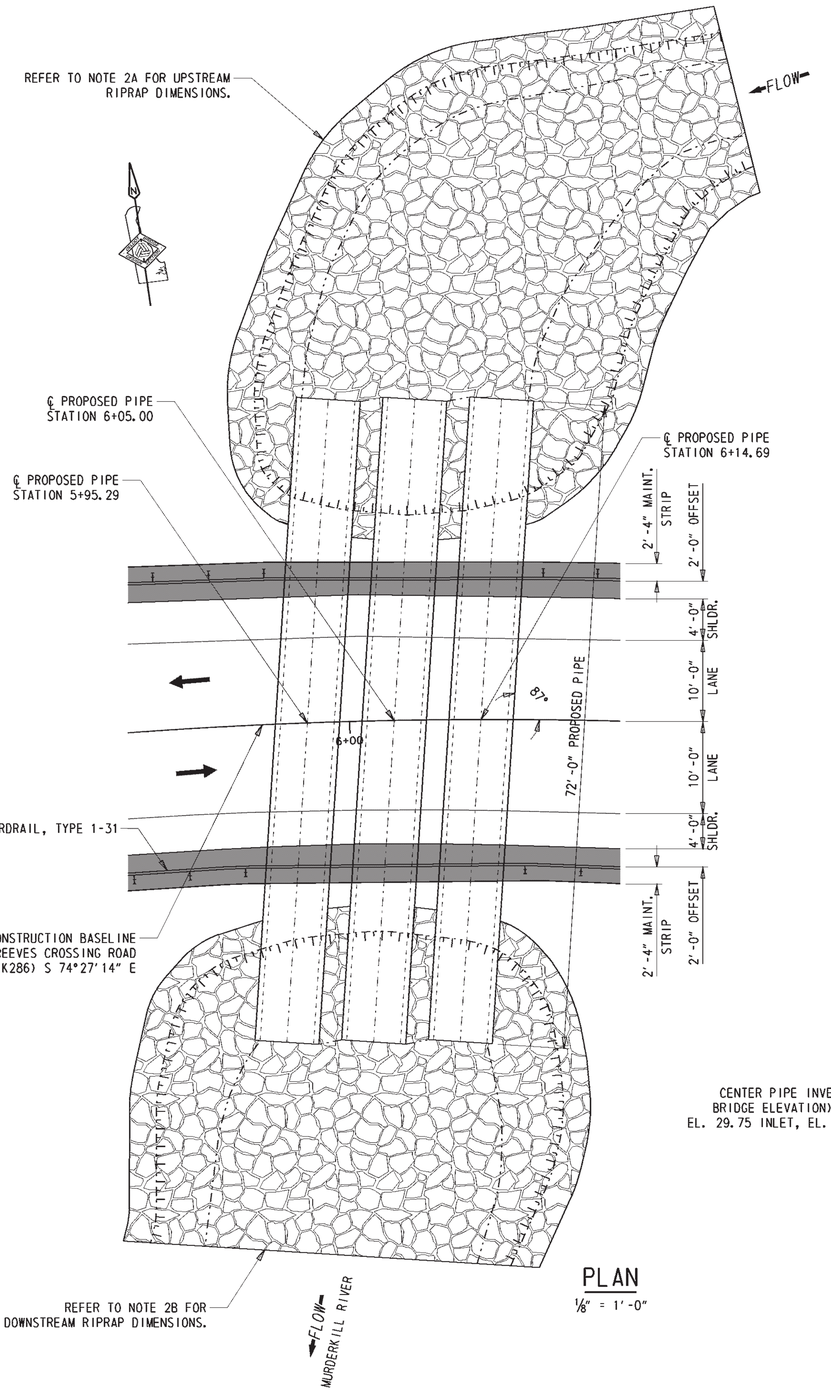
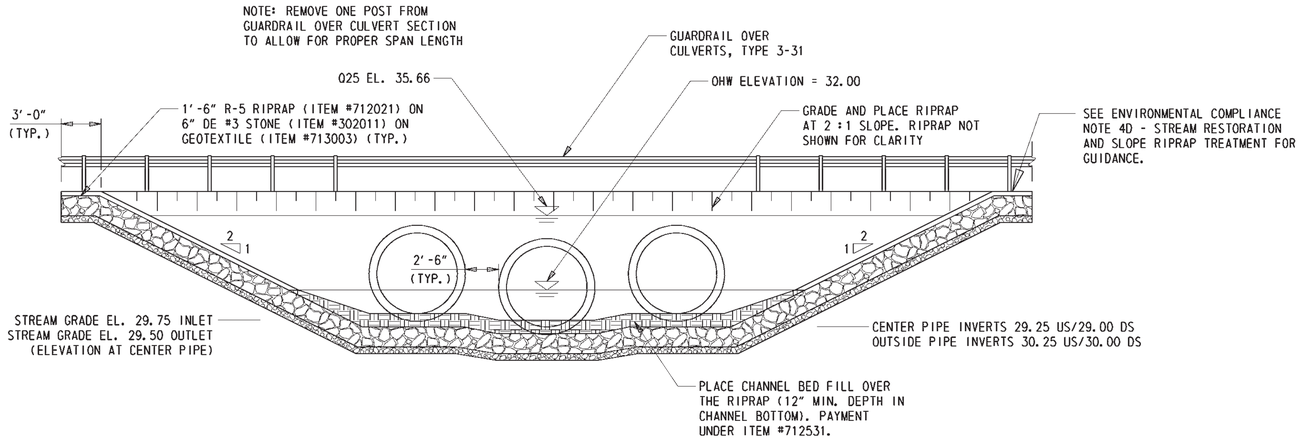


PLAN

1/8" = 1'-0"

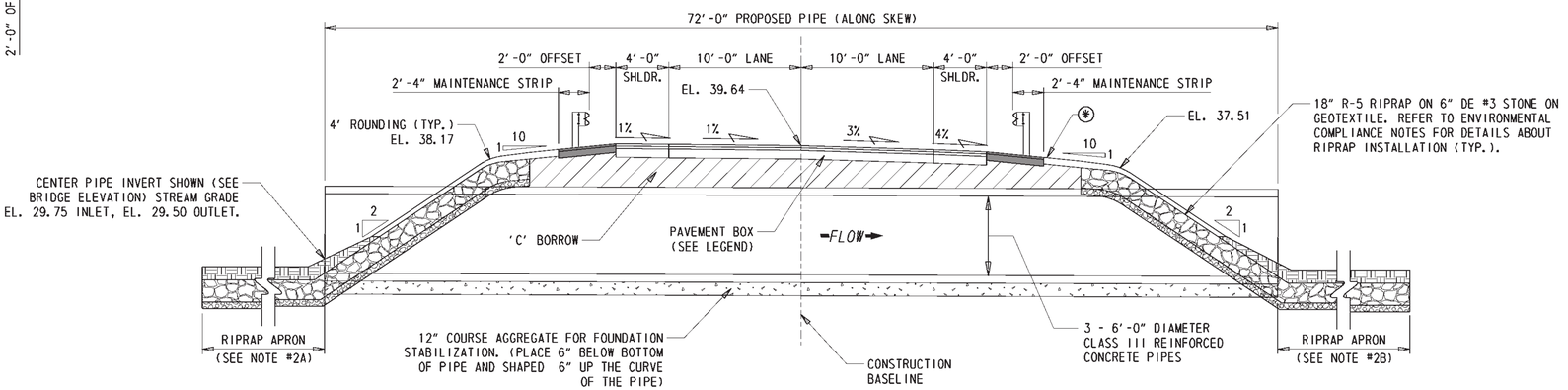


BRIDGE ELEVATION

1/8" = 1'-0"

NOTES:

1. PROPOSED BRIDGE
   THE EXISTING (3) 7'-3" SPAN x 5'-3" RISE CORRUGATED METAL PIPES SHALL BE REPLACED WITH (3) 6'-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 1'-0" ABOVE THE INVERT OF THE CENTER PIPE. PLACE PIPES WITH A 2'-6" 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. RIPRAP PLACEMENT
   A. UPSTREAM - RIPRAP SHALL BE PLACED IN THE CHANNEL BOTTOM 56'-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 24'-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

1/4" = 1'-0"

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

*-PLACE 6" TOPSOIL, PERMANENT SEEDING DRY GROUND

Y:\KENT\13\BRIDGE\T201207505\PLANS\2-286A\PE01.DGN

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	

KENT COUNTY PIPE REPLACEMENTS, FEDERAL, 2012

CONTRACT	BRIDGE NO.	2-286A
T201207505	DESIGNED BY: NED	
COUNTY	CHECKED BY: MJG	
KENT		

BRIDGE PLAN, SECTION & ELEVATION

SHEET NO.
41
TOTAL SHTS.
48