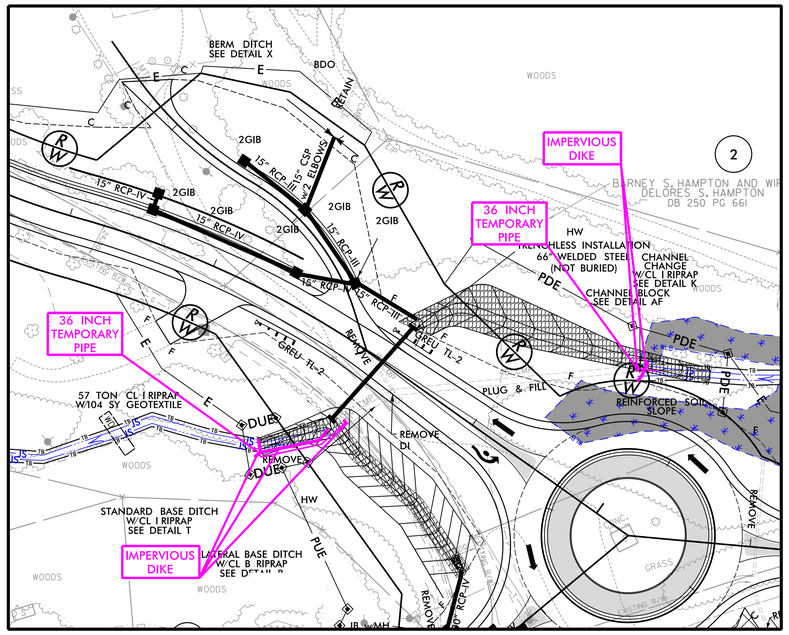
PROJECT REFERENCE NO.	SHEET NO.
U-5810	EC-4A/CONST.4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NAD 83



PIPE INSTALLATION STA. 18+28 –Y1–

1. MAINTAIN TRAFFIC ON EXISITNG ROADWAY.
2. UTILIZE SPECIAL STILLING BASIN FOR ANTICIPATED SEDIMENT CAPACITY OF 63 CY.
3. REMOVE 13' OF EXISTING PIPE ON DOWNSTREAM END AND INSTALL IMPERVIOUS DIKES AND TEMPORARY PIPE AT INLET AND OUTLET ENDS OF EXISTING PIPE. UTILIZE PUMP–AROUND OPERATION DURING THIS STEP.
4. MAINTAIN STREAM THROUGH EXISTING PIPES AND TEMPORARY PIPES.
5. REMOVE EXISTING 15" CMP, PLUGGING ENTRANCE AT DI.
6. INSTALL 66" WELDED STEEL PIPE UNDER EXISTING ROADWAY VIA TRENCHLESS INSTALLATION.
7. INSTALL HEADWALL AND PROPOSED CHANNEL CHANGE ON UPSTREAM END OF CROSSING. LEAVE AN EARTH PLUG IN PLACE AT MOST UPSTREAM POINT OF CHANNEL CHANGE TO KEEP WATER OUT OF WORK ZONE. ADDITIONALLY, INSTALL DOWSTREAM CHANNEL IMPROVEMENTS.
8. REMOVE IMPERVIOUS DIKES AND TEMPORARY PIPES AND ROUTE FLOW THROUGH 66" PIPE.
9. CONSTRUCT PROPOSED ROADWAY.

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