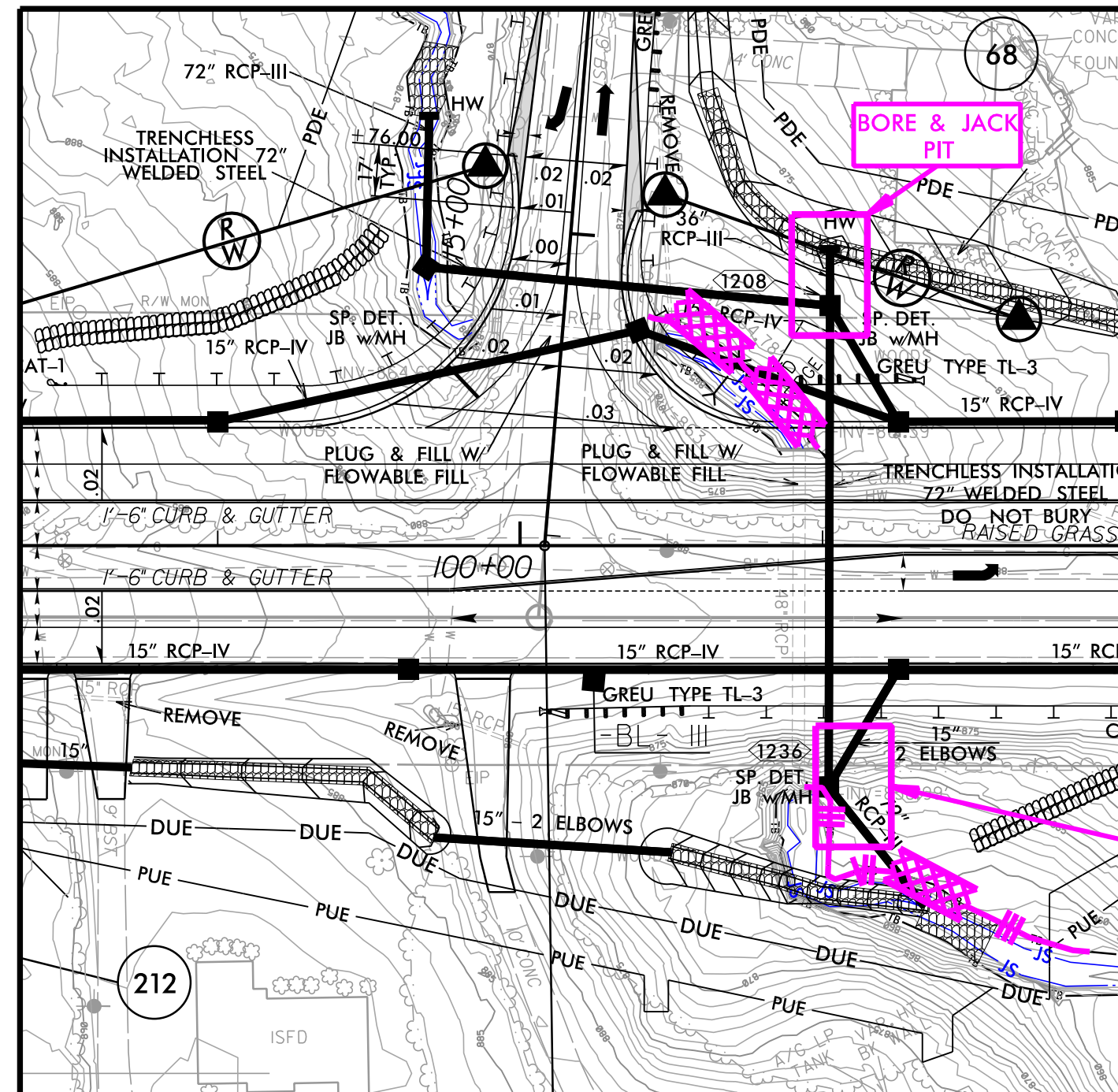


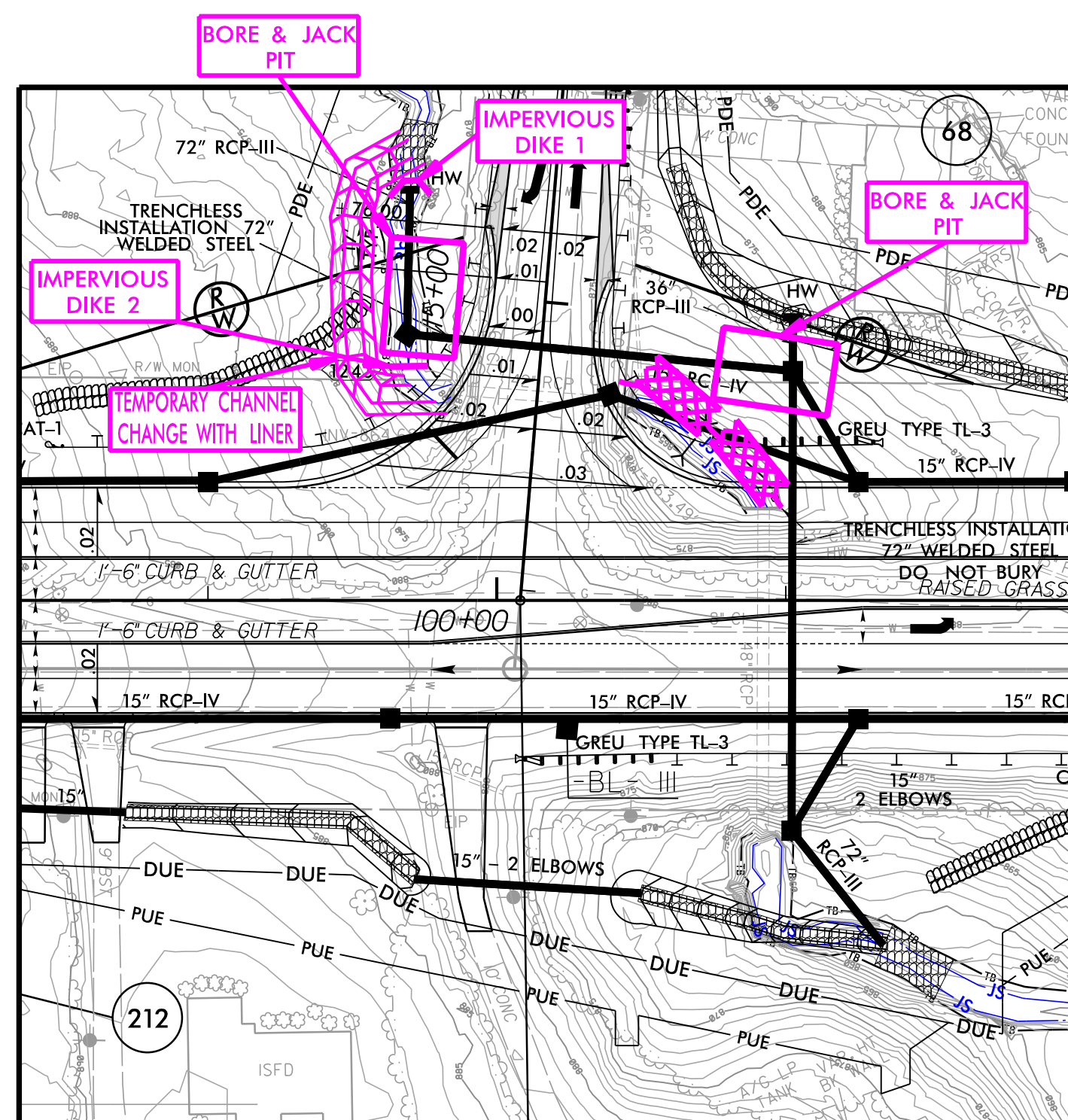
PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-12/CONST.12A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

## CROSS-PIPE INSTALLATION SEQUENCE -L- STA. 101+02 PHASE 1



1. MAINTAIN TRAFFIC ON EXISTING ROADWAY.
2. MAINTAIN FLOW THROUGH EXISTING 48" RCP.
3. UTILIZE SPECIAL STILLING BASIN(S) DURING PIPE INSTALLATION AS NEEDED.
4. INSTALL TEMPORARY STILT FENCE AROUND THE JURISDICTIONAL STREAMS, UPSTREAM AND DOWNSTREAM, AS SHOWN.
5. CONSTRUCT ENTRANCE AND RECEIVING PITS IN PREPARATION FOR TRENCHLESS INSTALLATION OF 72" WELDED STEEL PIPE.
6. BORE AND JACK 72" WELDED STEEL PIPE FROM UPSTREAM END.
7. REMOVE BORE PITS ONCE THE 72" WELDED STEEL PIPE IS PROPERLY INSTALLED. STABILIZE DISTURBED AREA AND BACKFILL ACCORDINGLY.
8. ONCE INSTALLATION IS COMPLETE AND DISTURBED AREA IS STABILIZED, INSTALL PROPOSED STRUCTURES 1208 AND 1236. CONNECT THE 72" WELDED STEEL PIPE TO EACH STRUCTURE.

## CROSS-PIPE INSTALLATION SEQUENCE -Y9- STA. 15+16 PHASE 2



1. UTILIZE SPECIAL STILLING BASIN(S) DURING PIPE INSTALLATION AS NEEDED.
2. INSTALL STANDARD 6' BASE DITCH PER DETAIL Q, SUBSTITUTING SOIL STABILIZATION GEOTEXTILE FABRIC FOR CL. I RIPRAP, AT INLET END OF PROPOSED 72" RCP-III, DIRECTING FLOW AROUND PROPOSED PIPE AND INTO EXISTING 42" RCP.
3. MAINTAIN FLOW THROUGH EXISTING 42" RCP.
4. CONSTRUCT ENTRANCE AND RECEIVING PITS IN PREPARATION FOR TRENCHLESS INSTALLATION OF 72" WELDED STEEL PIPE.
5. BORE AND JACK 72" WELDED STEEL PIPE FROM UPSTREAM END.
6. REMOVE BORE PITS ONCE THE 72" PIPE IS PROPERLY INSTALLED. STABILIZE DISTURBED AREA AND BACKFILL ACCORDINGLY.
7. ONCE INSTALLATION IS COMPLETE AND DISTURBED AREA IS STABILIZED, INSTALL PROPOSED STRUCTURE 1243 AND CONNECT 72" WELDED STEEL PIPE.