

PIPE INSTALLATION SEQUENCE STA. 59 + 67 -L- (NTS)

PROJECT REFERENCE NO. R-5735	SHEET NO. EC-06A/CONST.06
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTES:

- PIPE INSTALLATION SHALL BE PERFORMED IN ONLY DRY OR ISOLATED SECTIONS OF CHANNEL.
- IMPERVIOUS DIKES ARE TO BE USED TO ISOLATE WORK FROM STREAM FLOW AS NECESSARY.
- ALL GRADED AREAS TO BE STABILIZED WITHIN 24 HOURS.
- MAINTENANCE OF STREAM FLOW OPERATIONS SHALL BE INCIDENTAL TO THE WORK. THIS INCLUDES POLYETHYLENE SHEETING, DIVERSION PIPES, PUMPS, AND HOSES.
- PUMPS AND HOSES SHALL BE SUFFICIENT SIZE TO DEWATER THE WORK AREA.
- THE CONTRACTOR SHALL NOT PUMP SEDIMENT-LADEN WATER DIRECTLY INTO THE STREAM. FOR DEWATERING OF PIPE SITE, THE CONTRACTOR SHALL FILTER SEDIMENT-LADEN WATER THROUGH A STILLING BASIN AND/OR SPECIAL STILLING BASIN.
- UTILIZE A STABILIZED OUTLET INSTEAD OF A SPECIAL STILLING BASIN IF PUMPING CLEAN WATER.

SEQUENCE OF CONSTRUCTION FOR TYPICAL WORK AREA:

- UTILIZE STILLING BASIN(S) AS DIRECTED TO DEWATER WORK SITE.
- INSTALL UPSTREAM PUMP AND TEMPORARY FLEXIBLE HOSE.
- PLACE UPSTREAM IMPERVIOUS DIKE JUST INSIDE EXISTING CULVERT (BOTH BARRELS) AND BEGIN PUMPING OPERATIONS.
- PLACE DOWNSTREAM DIKE AND PUMPING APPARATUS. DEWATER ENTRAPPED AREA. AREA TO BE DEWATERED SHALL BE EQUAL TO ONE DAY'S WORK.
- CONSTRUCT PROPOSED JB W/MH & 60" RCP-IV IN ACCORDANCE WITH THE PLANS.
- EXCAVATE ANY ACCUMULATED SILT AND DEWATER BEFORE REMOVAL OF IMPERVIOUS DIKES. REMOVE IMPERVIOUS DIKES, PUMPS, AND TEMPORARY FLEXIBLE HOSE.
- REMOVE STILLING BASIN(S) AND BACKFILL. STABILIZE THE DISTURBED AREA WITH SEED & MULCH.

