NOTES:

- 1) All excavation shall be performed in only dry or isolated sections of channel.
- 2) Impervious dikes are to be used to isolate work from stream flow when necessary.
- 3) All graded areas shall be stabilized within 24 hours.
- 4) Maintenance of stream flow operations shall be incidental to the work. This includes polyethylene sheeting, diversion pipes, pumps and hoses.
- 5) Pumps and hoses shall be of sufficieint size to dewater the work area.

TEMPORARY STREAM DIVERSION

PUMP-AROUND OPERATION

PROJECT REFERENCE NO. SHEET NO. B-3157 EC-8A/CONST.8 RW SHEET NO. **ROADWAY DESIGN ENGINEER ENGINEER**

SPECIAL STILLING BASIN (SEE PROJECT SPECIAL PROVISIONS) Utilize a Stabilized Outlet Instead of a Special Stilling Basin If Pumping Clean Water

IMPERVIOUS DIKE (SEE PROJECT SPECIAL PROVISIONS)

> **TEMPORARY** FLEXIBLE HOSE

SPECIAL STILLING BASIN (SEE PROJECT SPECIAL PROVISIONS)

DEWATERING PUMP

EXISTING STREAM CHANNEL

5. PERFORM STREAM RESTORATION WORK IN ACCORDANCE WITH THE PLANS.

APPARATUS. DEWATER ENTRAPPED AREA. AREA TO BE DEWATERED SHALL

SEQUENCE OF CONSTRUCTION FOR TYPICAL WORK AREA

2. INSTALL UPSTREAM PUMP AND TEMPORARY FLEXIBLE HOSE.

3. PLACE UPSTREAM IMPERVIOUS DIKE AND BEGIN PUMPING

4. PLACE DOWNSTREAM IMPERVIOUS DIKE AND PUMPING

OPERATIONS FOR STREAM DIVERSION.

BE EQUAL TO ONE DAY'S WORK.

1. INSTALL SPECIAL STILLING BASIN(S).

6. EXCAVATE ANY ACCUMULATED SILT AND DEWATER BEFORE REMOVAL OF IMPERVIOUS DIKES, REMOVE IMPERVIOUS DIKES, PUMPS, AND TEMPORARY FLEXIBLE HOSE (DOWNSTREAM IMPERVIOUS DIKES FIRST).

7. ALL GRADING AND STABILIZATION MUST BE COMPLETED IN ONE DAY WITHIN THE PUMP AROUND AREAS BETWEEN THE IMPERVIOUS DIKES. THE IMPERVIOUS DIKE LOCATIONS AS SHOWN ON THIS SHEET ONLY SHOW THE UPPER AND LOWER EXTENT OF WORK FOR EACH STREAM SEGMENT. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE LOCATION OF THE IMPERVIOUS DIKES FOR EACH DAY'S WORK.

8. REMOVE SPECIAL STILLING BASINS AND BACKFILL. STABILIZE DISTURBED AREA WITH SEED AND MULCH.

SPECIAL STILLING BASIN WITH ROCK PAD - Special Stilling Basin **Existing Terrain** 15.0 - 20.0 ft. (4.6 - 6.1 m.)8.0 in. (203 mm) of Class A Stone Filter Fabric Stream Bank Not To Scale Note: Provide Stabilized Outlet to Streambank

