TEMPORARY DIVERSION CULVERT
WITH CHANNEL TRANSITIONS

PROTECT ADEQUATE CLEARANCE FOR CONSTRUCTION HEAPS.

1ST TIER TO TEMPORARY DIVERSION.

SILT FENCE WITH ELBOWS AND GEOTEXTILE FABRIC (TYPE III)
PLACED UNDER RIPRAP.

SECTION C-C
TRANSITION CHANNEL CROSS-SECTION

EROSION CONTROL PLAN LEGEND:

30" TEMPORARY DIVERSION CULVERT (DESCRIBE NUMBER AND SIZE OF PIPES)

2. WHERE A TEMPORARY PLUG IS REQUIRED AT THE DOWNSTREAM END OF THE DIVERSION,

3. CONSTRUCT THE PROJECT IN THE EXISTING CHANNEL. A COFFER DAM MAY BE USED UPSTREAM TO PREVENT STREAM FLOW TO THE TEMPORARY CHANNEL FROM THE EXISTING CHANNEL.

4. THE TEMPORARY PLUGS SHALL BE GLUE PAID FOR UNDER THEIR RESPECTIVE ITEM NUMBERS.

5. THE DESIGNER SHALL PROVIDE CULVERT SECTIONS FOR TEMPORARY CULVERT CROSSINGS.

6.hoe EXCAVATION FOR A DIVERSION TRANSITION EXPOSES BEDROCK, GEOTEXTILE FABRIC AND RIPRAP SHALL BE USED ONLY ON THE SIDES OF THE CHANNEL.

7. TEMPORARY DIVERSION CULVERTS SHALL BE DESIGNED USING A 2-YEAR FREQUENCY STORM FLOW RATE. AT SITES WHICH INVOLVE EXCEPTIONAL TENNESSEE WATERS OR SEDIMENT-IMPAIRED CONDITIONS, A 10-YEAR FREQUENCY STORM FLOW RATE MAY BE REQUIRED.

8. CONSTRUCTION SHALL PROCEED AS FOLLOWS:

1. TEMPORARY SELECTION CULVERTS ARE GENERALLY CONSTRUCTED UNDER A DIVERSION WORKER, USING THE DESIGNER'S TYPICAL WORKER. ALTHOUGH IT IS RECOMMENDED TO CONSTRUCT THESE CULVERTS IN THE DRY, THE PROJECT CONTRACTOR MAY CHOOSE TO CONSTRUCT THE TEMPORARY SELECTION CULVERTS IN THE WET, USING THE DESIGNER'S TYPICAL WORKER. A 2-YEAR FREQUENCY STORM FLOW RATE OR AN 8-YEAR FREQUENCY STORM FLOW RATE MAY BE REQUIRED.