

SECTION 53

DRAINAGE FABRIC PROTECTION FOR REINFORCED CONCRETE BOX CULVERT

53.1 DESCRIPTION

A. General

This work consists of placement of drainage fabric protection around the outside of reinforced concrete box culvert joints.

B. Related Work Items

Section 108 - Concrete-Curing Materials
Section [202440](#) - [Engineering Drainage Fabric](#)

53.2 MATERIALS

A. Drainage Fabric shall conform to the requirements of Section [202440](#).

B. Polyethylene Sheeting shall conform to the requirements of Section 108.

53.3 CONSTRUCTION REQUIREMENTS

Drainage fabric shall be placed entirely around each joint in the box culvert barrel. The fabric shall be placed to provide a minimum of two and one-half (2 1/2) feet of fabric centered on the joint. Where required, transverse joints in the fabric shall be accomplished by overlapping the fabric a minimum of two (2) feet. Polyethylene sheeting shall be placed between the fabric and the concrete box culvert. During bottom slab construction, the fabric and polyethylene sheeting shall be placed prior to concrete placement. Sufficient adhesive will be permitted along the edge of the fabric and polyethylene sheeting to hold it in place during backfilling.

53.4 METHOD OF MEASUREMENT

Separate measurement will not be made.

53.5 BASIS OF PAYMENT

Separate payment will not be made. The cost of furnishing and installing drainage fabric will be absorbed in the contract items.

END OF SECTION