General Notes:

The Resident Engineer will make individual calculations of quantities for each structure lengthened, making no allowance forncement beyond the lines indicated. In all instances, concrete shall be removed so as to permit full 40 diameter splice of reinforcing steel.

Reinforcing steel removed from existing structure shall not be reused in constructing extension.

On R.C. Box Culverts that have an existing concrete apron, the apron shall be removed by the contractor. The crew must be approved by the engineer, and the method of removal must be approved by the engineer and the contractor. The crew shall make every effort to remove the concrete without damaging the existing concrete, and the contractor shall make every effort to remove the concrete without damaging the existing concrete.

The reinforcing steel removed from the existing structure shall be removed by the contractor and placed in the new structure. The reinforcing steel shall be of the same grade and quality as the existing concrete. The reinforcing steel shall be installed in accordance with the requirements of Section 507.02 of the Standard Specifications.

Dowel bars to be installed as follows: The drilling procedure shall be approved by the engineer, and the filling system shall be approved by the engineer. The filling system shall be an injection-type system which will insure that sufficient material is injected so it completely surrounds the bars and fills the holes.

The contractor shall have the option of using either Method 1 or Method 2. Regardless of which method is used, pay quantities will be calculated based on Method 1.

NOTE: No part of this Standard is to be used for any details relative to new construction. See Standard Drawing listed in tabulation of structures for all new construction details.