

## Cooperative research on processing conditions clarification of sewer construction

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### ( Purpose )

At present, the examination that by accurately clarifying the processing conditions of construction work with improvement of bid system, optimization of construction contract, and improving efficiency of the drafting construction plan and construction should be done, has been carried out by the client of construction work

However, in fact, there are many sewer works constructed in urban district, where the construction environmental conditions are also various, and again, it has some peculiarity of the processing condition changing with the progress of construction, so it is difficult to confirm accurate clarification of processing condition.

Therefore, in this cooperative research, the way of processing condition clarification of sewer work was examined, the method of processing condition clarification of the sewer which could be used as a guide book of making contract documents in construction order of sewer work were studied.

### ( Result )

#### 1. Investigation on actual situation of the processing condition clarification

Though order organizations show the processing conditions in some forms, in generally, it is not able to say that the clarification of sufficient processing condition is carried out.

And, about 70 percent of the problems of the sewer construction which were presented from contractor side of the construction are related to the processing conditions, and by accurately clarifying processing condition, it seems to be able to drastically reduce these problems.

#### 2. Composition of processing condition clarification system

On the processing condition clarification, firstly, it is important to arrange the necessary clarification items of construction, and examine what kind of specification and form should be clarified.

Then, it was classified and arranged into the following 3 items showing the stage of clarification in order to easily do works mentioned.

Description division of clarification items of processing condition and construction contract documents.

Form arranged by clarifying how to write the processing condition.

Processing condition clarification method and description form.

Form been able to accurately clarify the processing condition.

Description example of processing condition clarification.

Filling up example in proportion to the description form.

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Key Words

sewerage conduit construction, conditions of construction, documents of contract