

## **Report Summary – 2003**

### **Project for constructing high-standard embankments**

The Ministry of Land, Infrastructure and Transport have been improving general rivers to prevent expected flood disasters. In addition, concerning six rivers that run in Tokyo, Osaka and other metropolitan areas on which population, assets and central functions concentrate, the ministry has been constructing high-standard embankments, which are much wider than ordinary ones, to prevent destructive damage from collapse of an embankment and improve the safety of flood control when a larger flood than expected occurs (the cumulative total cost of 496,500 million yen from fiscal 1987 to 2003). According to our audit of the progress in the general river improvement projects and the high-standard embankment construction projects in the sections of the six rivers where the construction of high-quality embankments is necessary, 57.3% of the planned ordinary embankments are complete, 26.1% provisional complete and 16.4% incomplete or not under construction. It is desirable to complete all of them earlier. Because projects for constructing high-quality embankments are carried out jointly with land adjustment projects, they are not continuous or intensive at spots where estimated damages are great and therefore do not correspond to the estimated damages. In addition, such joint projects cannot be expected in urbanization control areas. Therefore, concerning the six rivers, the Ministry of Land, Infrastructure and Transport should further proceed with the general river improvement projects. When the ministry develops the plan for the projects for constructing high-quality embankments, the ministry should place greater emphasis on the spots important for flood control according to the progress in the general river improvement projects. For this purpose, the ministry should pressure the municipalities along the rivers to make clear each district's position and hold consultation with them about various measures for proceeding with land readjustment projects at the spots important for flood control. As for urbanization control areas, to develop the projects at spots important for flood control, the ministry should make efforts to involve agricultural agencies in consultation concerning the method of developing the projects.

(Background amount: 496,500 million yen (cumulative total of costs of high-quality embankment construction projects))