



The TS Machine Control System that can be set up in a short time is applied to the medium scale road widening work!

“A wide range of effects is obtained (work efficiency is 10 to 20% higher) even in a small scale work spot. We will aim to create the IT execution system which can be applied to every scale and process of pavement.”

One of the big pavement corporations, Obayashi Road Co., Ltd. is mainly engaged in road construction and is well experienced in repair of airports, harbors and communication/information facilities.

Recently, the Machine Control System has been adopted in the work spot that is building/widening the road with the 1km (8000 square meters) length. Mr. Abe of Construction Machinery Center said, “This is not a large work spot but, by applying the Machine Control System, the work efficiency is 10 to 20% higher.” Obayashi Road Co., Ltd. adopts the Machine Control System equipped with “mmGPS” as a sensor in the large scale work spots of 10000 square meters or more, and the Machine Control System equipped with “TS” as a sensor in the medium/small scale work

spots. Mr. Abe explained as follows with confidence: In a large scale spot, the GPS Machine Control System is better because two or more heavy machines operate at the same time. In a medium or small scale spot, the TS Machine Control System that can be set up in a short time is more useful. According to this judgment, Obayashi Road Co., Ltd. selects a sensor applicable to the work spot scale and environment. The Machine Control System will operate effectively even in a building spot for a toll parking lot of 5000 square meters or less.

Mr. Abe insisted that the Machine Control System could give a wide range of effects. He explained, “Its most important feature is stable accuracy. The stable finish accuracy gets rid of waste in the work process and the material cost. It is very useful for the total cost to save the labor cost and material cost.” Mr. Abe said additionally, “The stable accuracy is also effective in safety. Because the paving times are extremely reduced, the repeat of the heavy machine’s work is reduced. So the back operation that has the highest possibility to cause accidents is reduced. The stable accuracy makes a great contribution to the improvement of safety.” In the work spots of Obayashi



Road Co., Ltd. where the use of the Machine Control System is spreading, the staffs request to adopt the TS Asphalt Finisher System or Slip Form System.

Mr. Abe said, “We will aim to create the IT execution system which can be applied to every scale and process of pavement. In the future, the Machine Control System will be adopted in more medium/small scale local work spots. So we will need the kind and quick support of TOPCON in more opportunities. We want to co-operate with TOPCON more friendly in every phase of business.” Obayashi Road Co., Ltd. has a great passion for the IT execution.



Mr. Abe of Construction Machinery Center in Obayashi Road Co., Ltd.

