
Pre-Construction Surveys and As-Built Surveys of Earthwork using MMS, and a Newly Devised Accuracy Management Method

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In the geospatial information field, MMS (Mobile Mapping System) is used for mapping. MMS can measure the road surface and surroundings while moving, so there is no need to block the road. In civil engineering work, as measurement by a Terrestrial Laser Scanner has already been conducted, measurement with MMS may also be applicable. For that reason, MMS measurement accuracy and methods are required. We conducted a demonstration experiment at the civil engineering site to verify the accuracy. Based on the results, a new accuracy management method was devised when measuring civil engineering works with MMS.
