Summary of SIP-adus Project (FY2016)	
Name of the project	Development of movement support system for people with mobility constraints
Responsible Organization	National Research Institute of Police Science, UTMS Society of Japan
Name Kenji Mori (Nationa	I Research Institute of Police Science), Hiroshi Kato (UTMS Society of Japan)
Object of the Project	
	cated Pedestrian Information and Communication Systems (PICS) which allow people with mobility by, securely and smoothly, with a view to putting them into operation for the 2020 Tokyo Olympic and them to other regions afterward.
	rrent PICS, verification of some functions of the systems whose basic design was developed in fisca
1. Evaluation of the functions of se	ervices that use smartphones
(1) Outline of the testViability of the services that preservices that pre	rimarily support people with visual impairment and are provided via smartphones was verified, which s pedestrians of the intersection name and traffic signal status by voice and the service that extends the
(2) Test results Performance evaluation was co	onducted for five types of smartphones and the operability of the services was confirmed on all types.
 Field operational test for the securing of green time based on crossing conditions Outline of the test Effectiveness of the service which primarily supports pedestrians with slow walking speed and secures the pedestrian green time based on walking conditions was verified. 	
confirmed that the system reduced traffic signal)" and also reduced	ns with slow walking speed and extend the pedestrian green flashing time was developed. It was ced the number of cases of "starting crossing when the pedestrian green light is flashing (disregard o the number of "pedestrians who cannot complete crossing before the onset of the pedestrian red light," ng wasted pedestrian green time.

Future plan

- Evaluation of the system at large-scale intersections and at locations where GPS accuracy is low.
- Establishment of a method for evaluating roadside systems
- Examination of system operation monitoring systems at the traffic control center
- Establishment of a common application platform for smartphones
- Examination of an indication method for safer pedestrian green light flashing