

Development of Urban Road Network 都市内道路整備		Continuing	
Target Countries : All countries			
Course No. : (A) 201984558-J002/(B) 201984459-J002			
No. : (A) 201984558/(B) 201984459			
Sector : Transportation/Urban Transportation			
Sub-Sector :			
Language : (A) English/(B) English			
Outline			
This program is designed for technical officers in charge of urban roads in metropolitan area. The aim of this program is to improve the capacity of effective and efficient urban road development through Japanese experience particular to urban road development such as engineering techniques, the measures of traffic congestion relief, road safety and surrounding environment protection.			
Objective/Outcome		Target Organization / Group	
【Objective】 The capacity of effective and efficient urban road development is to be improved.		【Target Organization】 Organization (Central/local government or municipality) in charge of urban road development in the metropolitan area.	
【Outcome】 1. To be able to explain and share the basics about the urban road development to the parent organization. 2. To be able to explain and share the various challenges and measures for the issues characteristic to urban road development to the parent organization. 3. To be able to explain and share the various constraints and the countermeasures on the process of planning / construction of urban road to the parent organization. 4. To be able to explain and share the Action Plan to the parent organization.		【Target Group】 Engineering officials in charge of urban road development (It is desirable to have civil engineering expertise equivalent to university graduate level with more than 5 years of working experience in the relevant field)	
Contents			
[Preliminary Phase] Preparation of Job Report [Core Phase in Japan] lectures/ observations/ discussions on 1. Classification and role of urban road (as transportation, lifeline (Electricity, gas, water), living environment, disaster reduction, etc), history of road development in Japan 2. (1) Traffic congestion relief (systematic development of road network, resolution of bottleneck of traffic flow, TDM (Traffic Demand Management), ITS (Intelligent Transport Systems), Multi-Modal) (2) Road safety (road safety measures, cooperation with police, traffic control) (3) Environmental measures (reduction of vehicle emission, vibration, noise, greenbelt, etc) (4) Lifecycle cost, preventive maintenance 3. Execution scheme, construction technology (rapid or neighboring construction) 4. Preparation and presentation of Action Plan [Finalization Phase] Implementation of Action Plan and inform the degree of its implementation to JICA.		Course Period	(A) 2019/6~2019/7 (B) 2019/8/~2019/10
		Department in Charge	Infrastructure and Peacebuilding Department
		JICA Center	(A) JICA Kansai (I) (B) JICA Kansai (I)
		Cooperation Period	2018~2020
Implementing Partner	(A) Construction Services in Kinki Region/(B) Construction Services in Kinki Region		
Remarks and Website	Priority may be given to the counterpart organization of JICA projects		