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COMPETITIVE DIVISION – PRACTITIONER

INCIDENT COMMAND SYSTEM FOR TRANSPORTATION FIELD

PERSONNEL- NCHRP 20-59 (30)

The objective of this research was to develop materials to support the use of the Incident Command System (ICS) by field level transportation supervisors and staff, developed under NCHRP 20-59(30) . The intended audience is state transportation agency staff members, and is also applicable to city and county transportation and transit agency staff members. The ICS is required as the command and control method for all multi-jurisdictional emergency events by Homeland Security Presidential Directive-5 (HSPD-5) , under the National Incident Management System (NIMS), in order for agencies to be eligible for all federal preparedness grants.

The ICS materials can be used in varying orders to support training or implementation of ICS in the field, depending on the audience's knowledge of ICS, the length of time available for in-class activities, and the goals of the particular region for ICS implementation. They include ICS practical application videos; two types of refresher training (training event segment and daily briefing segment); use of the ICS supervisor's folder and ICS Quick Start Cards and ICS kit building, with supporting videos; and the sand table exercise as a culminating application experience, using little vehicles to

create a scenario, with the Quick Start Cards as action guides, with a video guide. The segments and videos can be used in any sequence to offer the ICS training. All materials are available in native format to allow for customization by various agencies.

Footnotes:

1. Frances L. Edwards and Daniel C. Goodrich. Incident Command System (ICS) Training for Field Level Transportation Supervisors and Staff, NCHRP 20-59(30). 2015. <http://www.trb.org/Publications/Blurbs/173984.aspx>
2. George W. Bush. (2003). HSPD-5: Management of Domestic Incidents. Washington, DC: The White House.

Presentation Theme: The value of using the Incident Command System by transportation and transit field personnel, as the initial ICS staff, joining an existing ICS structure, or turning over ICS to another agency.

Collaborators, Advisor(s) and Department(s) that assisted with this research: Professor Frannie Edwards, Principal Investigator and Professor Dan Goodrich are the research team. The California Department of Transportation (Caltrans) provided piloting opportunities for the training and materials in all twelve districts. Texas, Massachusetts, Colorado and Idaho also sponsored training sessions that piloted the Quick Start Cards, Supervisor's Folder and sand table exercises, including the supporting videos and refresher scenarios.