

Cooperative Research Programs -- Projects addressing transportation agency workforces and related topics

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Total entries: 108

0	Prog.	Project Number	Project Title	Stage	Completion
1	A	ACRP 06-07	Enhancing Academic Programs to Prepare Future Airport Industry Professionals	0 In devel.	
2	A	ACRP Synthesis 11-03/Topic S06-06	Supporting Employee Well-being through Workforce Programs. ACRP Synthesis 18.	0 In devel.	
3	A	ACRP Synthesis 11-03/Topic S10-16	Training Programs for Airport Operations Personnel	0 In devel.	
4	A	ACRP 06-05	Guidance for Diversity in Airport Businesses Contracting and Workforce Programs	1 Active	9/24/2019
5	A	ACRP 02-61	Airport Stormwater Management Electronic Resource Library and Training Materials	3 Completed	
6	A	ACRP 04-04B	Emergency Management Training for Airport Critical Incidents	3 Completed	
7	A	ACRP 06-04	Identifying and Evaluating Airport Workforce Requirements. ACRP Report 186.	3 Completed	2017
8	A	ACRP 11-01/Topic 07-02	Preemption of Worker Retention and Labor Peace Agreements at Airports. Legal Research Digest 31.	3 Completed	2016
9	A	ACRP 11-02/Task 15	Aviation-Industry Issue Familiarization and Training for Part-time Airport Policymakers. ACRP Report 58.	3 Completed	
10	A	ACRP Synthesis 11-03/Topic S04-03	Identification of the Requirements and Training to Obtain Driving Privileges on Airfields	3 Completed	
11	A	ACRP Synthesis 11-03/Topic S06-01	Synthesis of Aviation Workforce Development Practices. ACRP Report 18.	3 Completed	2010
12	A	ACRP Synthesis 11-03/Topic S06-02	Airport Self-Inspection Procedures and Training Practices	3 Completed	
13	C	CTBSSP MC-05	Training of Commercial Motor Vehicle Drivers	3 Completed	
14	C	CTBSSP MC-13	Effectiveness of Commercial Motor Vehicle Driver Training Curricula and Delivery Methods	3 Completed	
15	C	CTBSSP MC-14	The Role of Safety Culture in Preventing Commercial Motor Vehicle Crashes	3 Completed	
16	H	NCHRP 08-125	Attracting, Retaining, and Developing the Transportation Workforce: Transportation Planners	0 In devel.	
17	H	NCHRP 17-83	Briefings and Training Materials for Implementation of the Highway Safety Manual, Second Edition	0 In devel.	
18	H	NCHRP 20-102(20)	Workforce Capability Strategies for State and Local Agencies	0 In devel.	
19	H	NCHRP 23-05	Addressing Construction Inspector Qualifications for the Future: Best Practices for Education, Training and Certification	0 In devel.	
20	H	NCHRP 02-25	Workforce 2030--Attracting, Retaining, and Developing the Transportation Workforce: Design, Construction, and Maintenance	1 Active	tbd
21	H	NCHRP 03-78C	Training and Technology Transfer for Accessibility Guidelines for Roundabouts and Channelized Turn Lanes	1 Active	
22	H	NCHRP 20-05/Topic 49-10 (Synthesis)	Transportation Workforce Planning and Development Strategies. (revised report in hand)	1 Active	7/22/2019
23	H	NCHRP 20-105B	Development of Course Outlines for Ahead of the Curve Training Program: Mastering the Management of Transportation Research	1 Active	
24	H	NCHRP 20-24(095)	Ensuring Essential Capability for the Future Transportation Agency	1 Active	12/18/2019
25	H	NCHRP 20-44(11)	Advancing practices for data governance, information management, and managing the impact of digitization on DOT workforces	1 Active	3/24/2020
26	H	NCHRP 08-36/Task 113	The Future of Transportation Planning in State DOTs. NCHRP Report 798.	3 Completed	2014
27	H	NCHRP 14-11	Effective Motivation of Highway Maintenance Personnel	3 Completed	1992
28	H	NCHRP 14-11(2)	Enhancement to Program for Effective Motivation of Highway Maintenance Personnel	3 Completed	2000
29	H	NCHRP 17-38	Highway Safety Manual Implementation and Training Materials	3 Completed	
30	H	NCHRP 17-69	A Strategic Approach to Transforming Traffic Safety Culture to Reduce Deaths and Injuries. Web-Only Document 252.	3 Completed	
31	H	NCHRP 18-10	Procedures for Evaluating Air-Entraining Admixtures for Highway Concrete	3 Completed	
32	H	NCHRP 20-05/Topic 47-04 (Synthesis)	Leveraging Technology for Transportation Agency Workforce Development and Training. Synthesis Report 503.	3 Completed	2017
33	H	NCHRP 20-07/Task 028	AASHTO Guide for Design of Pavement Structures - Training Program	3 Completed	
34	H	NCHRP 20-07/Task 041	AASHTO Guide for Recruitment and Retention of Transportation Professionals. (TRAC program)	3 Completed	1991
35	H	NCHRP 20-07/Task 066	Development and Training of Pavement Engineering Personnel	3 Completed	
36	H	NCHRP 20-07/Task 163A	Innovative Practices in Workforce Development for State Departments of Transportation	3 Completed	2004
37	H	NCHRP 20-07/Task 205	Project Delivery Workforce Management Review	3 Completed	2007
38	H	NCHRP 20-07/Task 290	Highway Safety Training Synthesis/Roadmap	3 Completed	
39	H	NCHRP 20-07/Task 340	National Training: Challenges and Opportunities	3 Completed	
40	H	NCHRP 20-07/Task 344	Practical Cost Estimating: Development of Training	3 Completed	

0	Prog.	Project Number	Project Title	Stage	Completion
41	H	NCHRP 20-07/Task 408	Transportation System Management and Operations (TSMO) Workforce: Skills, Positions, Recruitment, Retention, and Career Development	3 Complete	3/23/2019
42	H	NCHRP 20-105	Development of Course Outlines for Ahead of the Curve Training Program: Mastering the Management of Transportation Research	3 Completed	
43	H	NCHRP 20-108	Guide to Sustaining a Culture of Innovation within Departments of Transportation	3 Completed	
44	H	NCHRP 20-24(040)	Analysis and Benchmarking of State DOT Recruitment Activities	3 Completed	2006
45	H	NCHRP 20-24(047)	Benchmarking Diversity in the Transportation Industry: A Scoping Study	3 Completed	2006
46	H	NCHRP 20-24(048)	Analysis and Benchmarking of State DOT Human Resource Activities – Core Competencies	3 Completed	2007
47	H	NCHRP 20-24(083)	Alternative State DOT Organizational Models for Delivering Services	3 Completed	2012
48	H	NCHRP 20-24(099)	CEO Peer Exchange on Agency Management and Emerging Issues.	3 Completed	2015
49	H	NCHRP 20-24(100)	State DOT CEO Leadership Forum: A Focus on Transportation.	3 Completed	2014
50	H	NCHRP 20-24(50)	In-Service Training Needs for State DOTs	3 Completed	
51	H	NCHRP 20-25	Training Needs for Highway Construction Personnel	3 Completed	
52	H	NCHRP 20-25(2)	Training for Highway Construction Personnel	3 Completed	
53	H	NCHRP 20-25(3)	Development of Training Material for Highway Construction Personnel	3 Completed	
54	H	NCHRP 20-55	TRB Study on Future Surface Transportation Agency Human Resource Needs: Strategies for Recruiting, Training, and Retaining Personnel	3 Completed	
55	H	NCHRP 20-59(18)	Guidelines for Transportation Emergency Training Drills and Exercises	3 Completed	
56	H	NCHRP 20-59(30)	Incident Command System (ICS) Training for Field Level Transportation Supervisors and Staff	3 Completed	
57	H	NCHRP 20-59(43)	Incorporating Transportation Security Awareness into Routine State DOT Operations and Training	3 Completed	
58	H	NCHRP 20-72	Tools to Aid State DOTs in Responding to Workforce Challenges	3 Completed	2009
59	H	NCHRP 20-77	Transportation Operations Training Framework	3 Completed	
60	H	NCHRP 20-80 Task 2	Long Range Strategic Issues Facing the Transportation Industry	3 Completed	2008
61	H	NCHRP 20-81	Guide to Implementing Strategies to Attract and Retain a Capable Transportation Workforce. NCHRP Report 685.	3 Completed	2011
62	H	NCHRP 20-83	Long-Range Strategic Issues Facing the Transportation Industry. Foresight Report 750 Series, Informing Transportation's Future.	3 Completed	2014
63	H	NCHRP 20-83(04)	Preparing State Transportation Agencies for an Uncertain Energy Future	3 Completed	2013
64	H	NCHRP 20-86	Attracting, Recruiting, and Retaining Skilled Staff for Transportation System Operations and Management. NCHRP Report 693.	3 Completed	2012
65	H	NCHRP 20-96	Leadership Guide for Strategic Information Management for State Departments of Transportation. NCHRP Report 829.	3 Completed	2016
66	H	NCHRP 20-98A	A Guide to Agency-Wide Knowledge Management for State Departments of Transportation. NCHRP Report 813.	3 Completed	2015
67	H	NCHRP 25-09(01)	Environmental Impact of Construction and Repair Materials on Surface and Ground Waters -- Outreach and Training	3 Completed	
68	H	NCHRP 25-25/Task 55	Design, Organize and Implement a Training Program for Mainstreaming Environmental Stewardship and Enhancement Activities into Planning and Project Development	3 Completed	
69	H	NCHRP Synthesis 20-05/Topic 18-02	Innovative Strategies for Upgrading of Personnel by State Transportation Departments. NCHRP Synthesis 163.	4 Completed	
70	H	NCHRP Synthesis 20-05/Topic 21-03	Management Training and Development Programs	3 Completed	
71	H	NCHRP Synthesis 20-05/Topic 26-09	Evaluating and Measuring the Effectiveness of Training	3 Completed	
72	H	NCHRP Synthesis 20-05/Topic 36-07	Training Program Policies, Processes, and Practices	3 Completed	
73	H	NCHRP Synthesis 20-05/Topic 43-13	Forecasting Construction Staffing Requirements for Future Projects	3 Completed	2011
74	H	NCHRP Synthesis 20-05/Topic 44-12	Interactive Training for All-Hazards Emergency Planning, Preparation, and Response for Maintenance and Operations Field Personnel	3 Completed	
75	H	NCHRP Synthesis 20-05/Topic 46-17	Training and Certification of Highway Maintenance Workers	3 Completed	
76	H	NCHRP Synthesis 20-05/Topic 47-04	Leveraging Technology for Transportation Agency Workforce Development and Training	3 Completed	
77	M	HMCRRP HM-17	Evaluating the Effectiveness of Hazmat Transportation Training	3 Completed	
78	R	NCRRP 06-01	Building and Retaining Workforce Capacity for the Railroad Industry	3 Completed	2015
79	S	SHRP 2 L32(B)	e-Learning for Training Traffic Incident Responders and Managers	3 Completed	
80	T	TCRP J-11/Task 34	The Effects of Vehicle Automation on the Public Transportation Workforce	1 Active	11/24/2019
81	T	TCRP Synthesis J-07/Topic SF-20	Managing the Transit Scheduling Workforce	1 Active	6/7/2019
82	T	TCRP Synthesis J-07/Topic SF-21	Attracting, Retaining and Advancing Women in Transit	1 Active	6/22/2020
83	T	Transit IDEA J-04/IDEA 88	Evaluation of an Automatic, Individual, Computer-Based Operator Education and Training Program	1 Active	
84	T	TCRP A-20B(2)	Training for New Technology	3 Completed	

0	Prog.	Project Number	Project Title	Stage	Completion
85	T	TCRP A-22	Evaluation of Simulators as an Effective Training Tool to Improve Bus Safety and Guidelines for Their Application	3 Completed	
86	T	TCRP A-35	Improving Safety Culture in Public Transportation	3 Completed	
87	T	TCRP B-41	Travel Training for Older Adults: A Handbook	3 Completed	
88	T	TCRP E-08	Extending and Deepening National Transit Training Standards	3 Completed	
89	T	TCRP F-06	Guidelines for the Effective Use of Uniformed Transit Police/Security Personnel	3 Completed	1997
90	T	TCRP F-09	Managing Transit's Workforce in the New Millennium	3 Completed	2002
91	T	TCRP F-13	Vehicle Operator Recruitment, Retention, and Performance in ADA Complementary Paratransit Services. TCRP Report 142.	3 Completed	2009
92	T	TCRP F-14	Addressing Critical Shortfalls: Recruitment, Development, and Retention of High-Quality Managers for Public Transportation Systems	3 Completed	2010
93	T	TCRP F-16A	Building a Sustainable Workforce in the Public Transportation Industry- A Systems Approach. TCRP Report 162.	3 Completed	2010
94	T	TCRP F-17	Improving Transit Bus Operator Health, Wellness, and Retention. TCRP Synthesis 52.	3 Completed	2013
95	T	TCRP F-19	A National Training and Certification Program for Transit Vehicle Maintenance Instructors	3 Completed	
96	T	TCRP F-22	Identifying Best Practices and Sharing Resources for Transit Technical Training. TCRP Research Report 199 Volume 1.	3 Completed	
97	T	TCRP F-23	Knowledge Management Resource to Support Strategic Workforce Development for Transit Agencies. TCRP Report 194.	3 Completed	2017
98	T	TCRP F-24	Overcoming Barriers to Implementing Best and Innovative Training Practices for Public Transportation - Frontline Workforce. TCRP Research Report 199.	3 Completed	2018
99	T	TCRP J-10A(02)	Security-Related Training and Customer Communications: Lessons Learned from September 11 by Transportation Providers	3 Completed	
100	T	TCRP J-10C	Guidelines for Transportation Emergency Training Drills and Exercises	3 Completed	
101	T	TCRP Synthesis J-07/Topic SA-38	Successful Practices and Training Initiatives to Reduce Accidents and Incidents at Transit Agencies	3 Completed	
102	T	TCRP Synthesis J-07/Topic SF-07	A Challenged Employment System: Hiring, Training, Performance Evaluation, and Retention of Bus Operators	3 Completed	2002
103	T	TCRP Synthesis J-07/Topic SF-08	Diversity Training Initiatives	3 Completed	
104	T	TCRP Synthesis J-07/Topic SF-09	Training for On-Board Bus Electronics	3 Completed	2002
105	T	TCRP Synthesis J-07/Topic SF-10	Corporate Culture as the Driver of Transit Leadership Practices	3 Completed	
106	T	TCRP Synthesis J-07/Topic SF-12	Paratransit Manager's Skills, Qualifications, and Needs	3 Completed	2007
107	T	Transit IDEA J-04/IDEA 13	Self Paced PC-Based Track Safety Training System	3 Completed	
108	T	Transit IDEA J-04/IDEA 62	Development of Maintenance Training Module for Bus Transit Technicians	3 Completed	

Program Key

- A ACRP Airport Cooperative Research Program
 - C CTBSSP Commercial Truck and Bus Safety Synthesis Program
 - M HMCRRP Hazardous Materials Cooperative Research Program
 - S SHRP Strategic Highway Research Program
 - H NCHRP National Highway Cooperative Research Program
 - T TCRP Transit Cooperative Research Program
 - B BTSCRP Behavioral Traffic Safety Cooperative Research Program
 - R NCRRP National Cooperative Rail Research Program
- IDEA = Innovations Deserving Exploratory Analysis