

Our Research and Support Expertise

The expertise of our scientists, engineers, and support staff encompasses more than 100 transportation-related disciplines and expertise areas. The following expertise areas and contacts can be found at the Turner-Fairbank Highway Research Center (TFHRC) and the four offices housed at the research and development facility: the Office of Infrastructure Research and Development, the Office of Operations Research and Development, the Office of Safety Research and Development, and the Office of Corporate Research, Development, and Innovation Management, which supports all three research offices and manages the [Advanced Research Program](#). The [24 laboratories](#) housed at TFHRC provide a vital resource for advancing the body of knowledge that has been created and developed to solve national transportation goals.

For concise descriptions of the TFHRC laboratories, read the [Lab Clips](#).

Area of Expertise	Contact First Name	Contact Last Name	Telephone	E-Mail	Web Address for Area	Office
A						
AASHTO Highway Subcommittee on Materials (SCOM)	Jack	Springer	202-493-3144	jack.springer@fhwa.dot.gov		Infrastructure R&D
AASHTO Standing Committee on Research (SCOR)	Debra	Elston	202-493-3181	debra.elston@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
AASHTO Standing Committee on Research (SCOR)	William	Zaccagnino	202-493-3183	william.zaccagnino@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
AASHTO Technical Committee on Roadside Safety	Kenneth	Opiela	202-493-3371	kenneth.opiela@fhwa.dot.gov		Safety R&D
AASHTO Technology Implementation Group (TIG)	Joe	Conway	202-493-3186	joe.conway@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
Accelerated Construction	Mike	Adams	202-493-3025	mike.adams@fhwa.dot.gov	http://www.tfhrc.gov/structure/gtr/main.htm	Infrastructure R&D
Accelerated Loading Facilities	Nelson	Gibson	202-493-3073	nelson.gibson@fhwa.dot.gov	http://www.tfhrc.gov/about/ptf.htm	Infrastructure R&D
Accelerated Loading Facility	Nelson	Gibson	202-493-3073	nelson.gibson@fhwa.dot.gov	http://www.tfhrc.gov/about/ptf.htm	Infrastructure R&D

Area of Expertise	Contact First Name	Contact Last Name	Telephone	E-Mail	Web Address for Area	Office
Accelerated Pavement Testing	Nelson	Gibson	202-493-3073	nelson.gibson@fhwa.dot.gov	http://www.tfsrc.gov/about/ptf.htm	Infrastructure R&D
Adaptive Signal Control Research	Raj	Ghaman	202-493-3270	raj.ghaman@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D
Adhesive-Bonded Connections	Eric	Munley	202-493-3046	eric.munley@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Infrastructure R&D
Administration of FHWA SPR Research Funds	William	Zaccagnino	202-493-3183	william.zaccagnino@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
Advanced Research	Terry	Halkyard	202-493-3467	terry.halkyard@fhwa.dot.gov	http://www.fhwa.dot.gov/advancedresearch	Advanced Research
Advanced Research Program Management	David	Kuehn	202-493-3414	david.kuehn@fhwa.dot.gov	http://www.fhwa.dot.gov/advancedresearch	Advanced Research
Advanced Sensor and Communications Technologies	Raj	Ghaman	202-493-3270	raj.ghaman@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D
Advanced Traveler Information Systems (ATIS), Human Factors	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfsrc.gov/humanfac/hf.htm	Safety R&D
Advanced Vehicle Control Systems	Robert	Ferlis	202-493-3268	robert.ferlis@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D
Aerodynamics	Harold	Bosch	202-493-3031	harold.bosch@fhwa.dot.gov	http://www.tfsrc.gov/aerodynamics/index.htm	Infrastructure R&D
Aerodynamics	Kornel	Kerenyi	202-493-3142	kornel.kerenyi@fhwa.dot.gov	http://www.tfsrc.gov/aerodynamics/index.htm	Infrastructure R&D
Aggregates	Richard	Meininger	202-493-3191	richard.meininger@fhwa.dot.gov		Infrastructure R&D
Alkali-Silica Reaction (Alkali-Silica Reactivity)	Paul	Virmani	202-493-3052	paul.virmani@fhwa.dot.gov		Infrastructure R&D

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All-Weather Pavement Markings (ISTEA 6005)	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Arterial Simulation	Gene	McHale	202-493-3275	gene.mchale@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Asphalt (Construction)	Nelson	Gibson	202-493-3073	nelson.gibson@fhwa.dot.gov	http://www.tfrc.gov/about/ptf.htm	Infrastructure R&D
Asphalt (R&D)	Jack	Youtcheff	202-493-3090	jack.youtcheff@fhwa.dot.gov	http://www.tfrc.gov/pavement/pave.htm	Infrastructure R&D
Asphalt Chemistry (R&D)	Terry	Arnold	202-493-3305	terry.arnold@fhwa.dot.gov	http://www.tfrc.gov/about/chem.htm	Infrastructure R&D
Asphalt Chemistry (R&D)	Jack	Youtcheff	202-493-3090	jack.youtcheff@fhwa.dot.gov	http://www.tfrc.gov/about/chem.htm	Infrastructure R&D
Asphalt Chemistry and Rheology R&D	Ernest	Bastian	202-493-3075	ernest.bastian@fhwa.dot.gov	http://www.tfrc.gov/pavement/pave.htm	Infrastructure R&D
Asphalt Mixtures R&D	Nelson	Gibson	202-493-3073	nelson.gibson@fhwa.dot.gov	http://www.tfrc.gov/about/ptf.htm	Infrastructure R&D
Asphalt Pavements (R&D)	Katherine	Petros	202-493-3154	katherine.petros@fhwa.dot.gov	http://www.tfrc.gov/pavement/pave.htm	Infrastructure R&D
Asphalt Pavements (R&D)	Jack	Youtcheff	202-493-3090	jack.youtcheff@fhwa.dot.gov	http://www.tfrc.gov/about/asphalt.htm	Infrastructure R&D
ASR (Alkali-Silica Reaction)	Paul	Virmani	202-493-3052	paul.virmani@fhwa.dot.gov		Infrastructure R&D
Associate Administrator of Research, Development, and Technology	Gary	Henderson	202-493-3022	gary.henderson@fhwa.dot.gov		
Associate Administrator of Research, Development, and Technology	Michael	Trentacoste	202-493-3260	michael.trentacoste@fhwa.dot.gov		R&D
ATMS Support Systems	Raj	Ghaman	202-493-3270	raj.ghaman@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D

Area of Expertise	Contact First Name	Contact Last Name	Telephone	E-Mail	Web Address for Area	Office
ATSSA – Pavement Marking Committee	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfhrc.gov/safety/index.htm	Safety R&D
ATSSA – Sign Committee	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfhrc.gov/safety/index.htm	Safety R&D
ATSSA – Work Zones	Wei	Zhang	202-493-3317	wei.zhang@fhwa.dot.gov	http://www.tfhrc.gov/safety/index.htm	Safety R&D
Automated Highway Systems	Robert	Ferlis	202-493-3268	robert.ferlis@fhwa.dot.gov	http://www.tfhrc.gov/its/its.htm	Operations R&D
B						
Bicycle Safety Research	Ann	Do	202-493-3319	ann.do@fhwa.dot.gov	http://www.tfhrc.gov/safety/pedbike/index.htm	Safety R&D
Bicycle Safety Research – Human Centered Systems	Amanda	Emo	202-493-3395	amanda.emo@fhwa.dot.gov	http://www.tfhrc.gov/safety/index.htm	Safety R&D
Bridge Aerodynamics	Harold	Bosch	202-493-3031	harold.bosch@fhwa.dot.gov	http://www.tfhrc.gov/aerodynamics/index.htm	Infrastructure R&D
Bridge and Asset Management	Joey	Hartmann	202-493-3059	joey.hartmann@fhwa.dot.gov	http://www.tfhrc.gov/bmis/	Infrastructure R&D
Bridge and Structures R&D	Ian	Friedland	202-493-3023	ian.friedland@fhwa.dot.gov	http://www.tfhrc.gov/structure/index.htm	Infrastructure R&D
Bridge Coating Systems R&D	Seung-Kyoung	Lee	202-493-3077	seung-kyoung.lee@fhwa.dot.gov	http://www.tfhrc.gov/about/corros.htm	Infrastructure R&D
Bridge Corrosion	Seung-Kyoung	Lee	202-493-3077	seung-kyoung.lee@fhwa.dot.gov	http://www.tfhrc.gov/about/corros.htm	Infrastructure R&D
Bridge Corrosion	Paul	Virmani	202-493-3052	paul.virmani@fhwa.dot.gov	http://www.tfhrc.gov/structure/index.htm	Infrastructure R&D
Bridge Corrosion and Deterioration	Seung-Kyoung	Lee	202-493-3077	seung-kyoung.lee@fhwa.dot.gov	http://www.tfhrc.gov/about/corros.htm	Infrastructure R&D
Bridge Corrosion and Deterioration	Paul	Virmani	202-493-3052	paul.virmani@fhwa.dot.gov	http://www.tfhrc.gov/structure/index.htm	Infrastructure R&D
Bridge Deck Durability	Paul	Virmani	202-493-3052	paul.virmani@fhwa.dot.gov	http://www.tfhrc.gov/structure/index.htm	Infrastructure R&D

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Bridge Design	Sheila	Duwadi	202-493-3106	sheila.duwadi@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
Bridge Design and Hazard Mitigation R&D	Phillip	Yen	202-493-3056	wen-huei.yen@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
Bridge Engineering	Ian	Friedland	202-493-3023	ian.friedland@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
Bridge Instrumentation	Fassil	Beshah	202-493-3041	fassil.beshah@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
Bridge Management Information System Lab. R&D	Hamid	Ghasemi	202-493-3042	hamid.ghasemi@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
Bridge of the Future	Bill	Wright	202-493-3053	bill.wright@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
Bridge Safety, Reliability and Security R&D	Sheila	Duwadi	202-493-3106	sheila.duwadi@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
Bridge Scour R&D	Kornel	Kerenyi	202-493-3142	kornel.kerenyi@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
Bridge Testing	Fassil	Beshah	202-493-3041	fassil.beshah@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
Bridges Research Technical Director	Ian	Friedland	202-493-3023	ian.friedland@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
C						
Cathodic Protection	Paul	Virmani	202-493-3052	paul.virmani@fhwa.dot.gov		Infrastructure R&D
Cement/Concrete Construction Quality Assurance/Quality Control (R&D)	Peter	Kopac	202-493-3151	peter.kopac@fhwa.dot.gov	http://www.fhwa.dot.gov/pavement/pccp/index.cfm	Infrastructure R&D
Changeable Message Signs R&D	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Chemistry	Terry	Arnold	202-493-3305	terry.arnold@fhwa.dot.gov	http://www.tfrc.gov/about/chem.htm	Infrastructure R&D

Area of Expertise	Contact First Name	Contact Last Name	Telephone	E-Mail	Web Address for Area	Office
Concrete Bridges	Benjamin	Graybeal	202-493-3122	benjamin.graybeal@fhwa.dot.gov	http://www.tfhrc.gov/structure/index.htm	Infrastructure R&D
Concrete Materials and Mixes	Richard	Meininger	202-493-3191	richard.meininger@fhwa.dot.gov	http://www.tfhrc.gov/about/hydraulics2.htm	Infrastructure R&D
Concrete Pavement Construction	Fred	Faridazar	202-493-3076	fred.faridazar@fhwa.dot.gov	http://www.tfhrc.gov/pavement/pave.htm	Infrastructure R&D
Concrete Pavements (R&D)	Jack	Youtcheff	202-493-3090	jack.youtcheff@fhwa.dot.gov	http://www.tfhrc.gov/pavement/pave.htm	Infrastructure R&D
Cooperative Intersection Collision Avoidance Systems – Human Factors	Greg	Davis	202-493-0000	greg.davis@fhwa.dot.gov	http://www.tfhrc.gov/safety/index.htm	Safety R&D
Corporate Research, Technology, and Innovation Management Acting Director	Debra	Elston	202-493-3181	debra.elston@fhwa.dot.gov	http://www.fhwa.dot.gov/crt	Corporate Research, Technology, and Innovation Management
Corrosion and Coatings R&D	Seung-Kyoung	Lee	202-493-3077	seung-kyoung.lee@fhwa.dot.gov	http://www.tfhrc.gov/about/corros.htm	Infrastructure R&D
Corrosion Protection of Concrete	Paul	Virmani	202-493-3052	paul.virmani@fhwa.dot.gov	http://www.tfhrc.gov/pavement/pave.htm	Infrastructure R&D
Corrosion Protective Systems R&D	Seung-Kyoung	Lee	202-493-3077	seung-kyoung.lee@fhwa.dot.gov	http://www.tfhrc.gov/about/corros.htm	Infrastructure R&D
Corrosion Protective Systems R&D	Paul	Virmani	202-493-3052	paul.virmani@fhwa.dot.gov		Infrastructure R&D
Crash Data Analysis	Roya	Amjadi	202-493-3383	roya.amjadi@fhwa.dot.gov	http://www.tfhrc.gov/safety/index.htm	Safety R&D
Crash Simulation/Vehicle Dynamics	Kenneth	Opiela	202-493-3371	kenneth.opiela@fhwa.dot.gov	http://www.ncac.gwu.edu/	Safety R&D

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Crash Simulation/Vehicle Dynamics	Vacant	Vacant	Vacant	Vacant	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Crashworthy Roadside Hardware	Kenneth	Opiela	202-493-3371	kenneth.opiela@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Culverts	Kornel	Kerenyi	202-493-3142	kornel.kerenyi@fhwa.dot.gov	http://www.tfsrc.gov/structure/index.htm	Infrastructure R&D
Curved Steel Girder Bridge Research	Bill	Wright	202-493-3053	bill.wright@fhwa.dot.gov	http://www.tfsrc.gov/structure/index.htm	Infrastructure R&D
Curved Steel Girder Bridges	Fassil	Beshah	202-493-3041	fassil.beshah@fhwa.dot.gov	http://www.tfsrc.gov/structure/index.htm	Infrastructure R&D
D						
Data Analysis – Research	Carol	Tan	202-493-3315	carol.tan@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Dedicated Short Range Communication (DSRC)	James A.	Arnold	202-493-3265	james.a.arnold@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D
Deep Foundation Engineering and Design R&D	Vacant	Vacant	Vacant	Vacant	http://www.tfsrc.gov/structure/gtr/main.htm	Infrastructure R&D
Digital Highway Measurement Vehicle	Kunik	Lee	202-493-3491	kunik.lee@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
DOT Human Factors Coordinating Committee	Paul	Tremont	202-493-3338	paul.tremont@fhwa.dot.gov	http://www.tfsrc.gov/humanfac/hf.htm	Safety R&D
Driver Behavior Models	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfsrc.gov/humanfac/hf.htm	Safety R&D
Driver Performance	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfsrc.gov/humanfac/hf.htm	Safety R&D
Driving Simulation	Paul	Tremont	202-493-3338	paul.tremont@fhwa.dot.gov	http://www.tfsrc.gov/humanfac/hf.htm	Safety R&D
Dynamic Ramp Metering	Deborah	Curtis	202-493-3267	deborah.curtis@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D

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Dynamic Traffic Assignment	Randall	VanGorder	202-493-3266	randall.vangorder@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
E						
Earthquake Engineering Design	Phillip	Yen	202-493-3056	wen-huei.yen@fhwa.dot.gov		Infrastructure R&D
Earthquake Protective Systems R&D Near-Source Ground Motions	Hamid	Ghasemi	202-493-3042	hamid.ghasemi@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
Earthquakes	Phillip	Yen	202-493-3056	wen-huei.yen@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
Electronic Sensors	Kunik	Lee	202-493-3491	kunik.lee@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Enhanced Digital Mapping	Robert	Ferlis	202-493-3268	robert.ferlis@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Evaluation of Low Cost Safety Improvements	Roya	Amjadi	202-493-3383	roya.amjadi@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Exhibits - Research and Technology	TaMara	McCrae	202-493-3382	tamara.mccrae@fhwa.dot.gov	http://www.fhwa.dot.gov/crt/marketready.cfm	Corporate Research, Technology, and Innovation Management
F						
Falling Weight Deflectometer (FWD)	Eric	Weaver	202-493-3153	eric.weaver@fhwa.dot.gov		Infrastructure R&D
Federal Highway Administration R&T Now Newsletter	Paula	Magoulas	202-493-3398	paula.magoulas@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
Federal Highway Administration Research Librarian	Jennifer	Boteler	202-493-3071	FHWA_Library@fhwa.dot.gov	http://www.tfrc.gov/	Corporate Research, Technology, and Innovation Management

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Federal Highway Administration Research Library	Joe	Conway	202-493-3186	joe.conway@fhwa.dot.gov	http://www.tfsrc.gov/	Corporate Research, Technology, and Innovation Management
Federal Outdoor Impact Laboratory (FOIL)	Vacant	Vacant	Vacant	Vacant	http://www.tfsrc.gov/safety/index.htm	Safety R&D
FHWA Research Library	Joe	Conway	202-493-3186	joe.conway@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
Fiber Optics/ROW	James A.	Arnold	202-493-3265	james.a.arnold@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D
Fiber-Reinforced Polymer Composites R&D	Eric	Munley	202-493-3046	eric.munley@fhwa.dot.gov	http://www.tfsrc.gov/structure/index.htm	Infrastructure R&D
Field Testing – Structures R&D	Phillip	Yen	202-493-3056	wen-huei.yen@fhwa.dot.gov	http://www.tfsrc.gov/structure/index.htm	Infrastructure R&D
Finite Element Analysis/Simulation	Vacant	Vacant	Vacant	Vacant	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Finite Element Modeling & Design	Vacant	Vacant	Vacant	Vacant	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Finite Element Modeling & Design	Kenneth	Opiela	202-493-3371	kenneth.opiela@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Focus Newsletter	Zachary	Ellis	202-493-3193	zachary.ellis@fhwa.dot.gov	http://www.tfsrc.gov/focus/	Corporate Research, Technology, and Innovation Management
Foundation Design R&D	Mike	Adams	202-493-3025	mike.adams@fhwa.dot.gov	http://www.tfsrc.gov/about/gdl.htm	Infrastructure R&D
Freeway and Traffic Signal Systems	Raj	Ghaman	202-493-3270	raj.ghaman@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D
Freeway Simulation	Gene	McHale	202-493-3275	gene.mchale@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D

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G						
Geosynthetic Reinforced Soil R&D	Mike	Adams	202-493-3025	mike.adams@fhwa.dot.gov	http://www.tfsrc.gov/about/gdl.htm	Infrastructure R&D
Geotechnical R&D	Mike	Adams	202-493-3025	mike.adams@fhwa.dot.gov	http://www.tfsrc.gov/about/gdl.htm	Infrastructure R&D
Geotechnical Research	Mike	Adams	202-493-3025	mike.adams@fhwa.dot.gov	http://www.tfsrc.gov/structure/gtr/main.htm	Infrastructure R&D
Geotechnical Research	Vacant	Vacant	Vacant	Vacant	http://www.tfsrc.gov/structure/gtr/main.htm	Infrastructure R&D
GIS Coordination	Carol	Tan	202-493-3315	carol.tan@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Global Positioning System	James A.	Arnold	202-493-3265	james.a.arnold@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D
Global Positioning System (GPS)	James A.	Arnold	202-493-3265	james.a.arnold@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D
Ground Improvement	Mike	Adams	202-493-3025	mike.adams@fhwa.dot.gov	http://www.tfsrc.gov/about/gdl.htm	Infrastructure R&D
Ground Improvement Technology R&D	Mike	Adams	202-493-3025	mike.adams@fhwa.dot.gov	http://www.tfsrc.gov/about/gdl.htm	Infrastructure R&D
H						
High Performance Bridge Materials R&D	Bill	Wright	202-493-3053	bill.wright@fhwa.dot.gov	http://www.tfsrc.gov/structure/index.htm	Infrastructure R&D
High Performance Concrete Bridge R&D	Benjamin	Graybeal	202-493-3122	benjamin.graybeal@fhwa.dot.gov	http://www.tfsrc.gov/structure/hpc/hpc.htm	Infrastructure R&D
High Performance Concrete Pavement R&D	Richard	Meininger	202-493-3191	rick.meininger@fhwa.dot.gov	http://www.fhwa.dot.gov/pavement/pccp/index.cfm	Infrastructure R&D
High Performance Steel Bridge R&D	Bill	Wright	202-493-3053	bill.wright@fhwa.dot.gov	http://www.tfsrc.gov/structure/index.htm	Infrastructure R&D
High-Performance Materials for Bridges	Fassil	Beshah	202-493-3041	fassil.beshah@fhwa.dot.gov	http://www.tfsrc.gov/structure/index.htm	Infrastructure R&D

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Highway Barrier (guardrail, concrete, etc.)	Kenneth	Opiela	202-493-3371	kenneth.opiela@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Highway Barrier (guardrail, concrete, etc.)	Vacant	Vacant	Vacant	Vacant	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Highway Capacity	Vacant	Vacant	Vacant	Vacant	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Highway Driving Simulator	Paul	Tremont	202-493-3338	paul.tremont@fhwa.dot.gov	http://www.tfsrc.gov/humanfac/hf.htm	Safety R&D
Highway Lighting	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Highway Safety Information System	Carol	Tan	202-493-3315	carol.tan@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Highway Safety Manual	Ray	Krammes	202-493-3312	ray.krammes@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Historic Covered Bridges	John	Penrod	202-493-3051	john.penrod@fhwa.dot.gov		Infrastructure R&D
HSIS (Highway Safety Information System)	Carol	Tan	202-493-3315	carol.tan@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Human Centered Systems	Amanda	Emo	202-493-3395	amanda.emo@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Human Centered Systems	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfsrc.gov/humanfac/hf.htm	Safety R&D
Human Centered Systems	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfsrc.gov/humanfac/hf.htm	Safety R&D
Human Factors Operations R&D	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfsrc.gov/humanfac/hf.htm	Safety R&D
Human Factors Safety R&D	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfsrc.gov/humanfac/hf.htm	Safety R&D
Hydraulics	Kornel	Kerenyi	202-493-3142	kornel.kerenyi@fhwa.dot.gov	http://www.tfsrc.gov/about/hydraulics2.htm	Infrastructure R&D
Hydrodynamics	Kornel	Kerenyi	202-493-3142	kornel.kerenyi@fhwa.dot.gov	http://www.tfsrc.gov/about/hydraulics2.htm	Infrastructure R&D

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Illumination (Roadway)	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Infrastructure Inspection and Management R&D	Joey	Hartmann	202-493-3059	joey.hartmann@fhwa.dot.gov	http://www.tfrc.gov/bmis/	Infrastructure R&D
Infrastructure R&D Director	Gary	Henderson	202-493-3022	gary.henderson@fhwa.dot.gov		Infrastructure R&D
Infrastructure R&D Program Manager	John	McCracken	202-493-3422	john.mccracken@fhwa.dot.gov		Infrastructure R&D
Infrastructure-based Intersection Collision Avoidance Systems – Human Factors	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfrc.gov/humanfac/hf.htm	Safety R&D
Innovations Deserving Exploratory Analysis (IDEA)	David	Gibson	202-493-3271	david.gibson@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Integrated Corridor Management Systems	Dale	Thompson	202-493-3420	dale.thompson@fhwa.dot.gov		Operations R&D
Integrated Safety Systems	Kunik	Lee	202-493-3491	kunik.lee@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Intellectual Property Rights and Scientific Review	John	Munro	202-493-3368	john.munro@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
Intelligent Vehicle Initiative (IVI)	Gene	McHale	202-493-3275	gene.mchale@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Interactive Highway Safety Design Model R&D (IHSDM)	Clayton	Chen	202-493-3054	clayton.chen@fhwa.dot.gov	http://www.tfrc.gov/safety/ihsdm/ihsdm.htm	Safety R&D
Intersection Collision Avoidance Research	Gene	McHale	202-493-3275	gene.mchale@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D

Area of Expertise	Contact First Name	Contact Last Name	Telephone	E-Mail	Web Address for Area	Office
Intersection Human Factors R&D	Greg	Davis		greg.davis@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Intersection Safety Research	Wei	Zhang	202-493-3317	wei.zhang@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Intersection Safety Research	Joe	Bared	202-493-3314	joe.bared@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
In-vehicle Information Systems	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfsrc.gov/humanafac/hf.htm	Safety R&D
ITS IDEA Program	David	Gibson	202-493-3271	david.gibson@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D
ITS Work Zones	Peter	Huang	202-493-3484	peter.huang@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D
ITS-Human Centered Systems R&D	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfsrc.gov/humanafac/hf.htm	Safety R&D
IVI Specialty Vehicles	Randall	VanGorder	202-493-3266	randall.vangorder@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D
L						
Laboratory Assessment (TFHRC)	Joe	Moyer	202-493-3370	joe.moyer@fhwa.dot.gov	http://www.tfsrc.gov/services/labassessmentprocess.htm	R&D
Lighting of Highways	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Lithium Technology R&D	Fred	Faridazar	202-493-3076	fred.faridazar@fhwa.dot.gov	http://www.tfsrc.gov/pavement/pave.htm	Infrastructure R&D
Long Term Bridge	Hamid	Ghasemi	202-493-3042	hamid.ghasemi@fhwa.dot.gov	http://www.tfsrc.gov/structure/index.htm	Infrastructure R&D
Long Term Pavement Performance (LTPP) and Distress	Aramis	López	202-493-3145	aramis.lopez@fhwa.dot.gov	http://www.fhwa.dot.gov/pavement/ltp/index.cfm	Infrastructure R&D
Low-Cost Safety Evaluations	Roya	Amjadi	202-493-3383	roya.amjadi@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
LRFD design for structures	John	Penrod	202-493-3051	john.penrod@fhwa.dot.gov		Infrastructure R&D

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LTPP Data Analysis	Larry	Wiser	202-493-3079	larry.wiser@fhwa.dot.gov	http://www.fhwa.dot.gov/pavement/ltp/index.cfm	Infrastructure R&D
LTPP Data Analysis	Larry	Wiser	202-493-3079	larry.wiser@fhwa.dot.gov	http://www.fhwa.dot.gov/pavement/ltp/index.cfm	Infrastructure R&D
LTPP Data Collection	Jack	Springer	202-493-3144	jack.springer@fhwa.dot.gov	http://www.fhwa.dot.gov/pavement/ltp/index.cfm	Infrastructure R&D
LTPP Falling Weight Deflectometer (FWD) Data Collection Operations	Aramis	López	202-493-3145	aramis.lopez@fhwa.dot.gov	http://www.fhwa.dot.gov/pavement/ltp/index.cfm	Infrastructure R&D
LTPP Field Operations	Jack	Springer	202-493-3144	jack.springer@fhwa.dot.gov	http://www.fhwa.dot.gov/pavement/ltp/index.cfm	Infrastructure R&D
LTPP Materials Testing	Jack	Springer	202-493-3144	jack.springer@fhwa.dot.gov	http://www.fhwa.dot.gov/pavement/ltp/index.cfm	Infrastructure R&D
LTPP SPS Traffic Data Collection Pooled-fund Study, TPF-5(004)	Deborah	Walker	202-493-3068	deborah.walker@fhwa.dot.gov		Infrastructure R&D
LTPP Traffic Activities	Deborah	Walker	202-493-3068	deborah.walker@fhwa.dot.gov		Infrastructure R&D
M						
Manual on Uniform Traffic Control Devices (Research)	Raj	Ghaman	202-493-3270	raj.ghaman@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Manual on Uniform Traffic Control Devices (Research)	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfrc.gov/humanfac/hf.htm	Safety R&D
Manual on Uniform Traffic Control Devices Human Factors R&D	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfrc.gov/humanfac/hf.htm	Safety R&D

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Marketing and Communications, R&T	Martha	Soneira	202-493-3468	martha.soneira@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
Mechanistic-Empirical Pavement Design and Analysis	Katherine	Petros	202-493-3154	katherine.petros@fhwa.dot.gov	http://www.tfrc.gov/pavement/pave.htm	Infrastructure R&D
Meeting and Conference Planning Logistics	Zachary	Ellis	202-493-3193	zachary.ellis@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
Model Minimum Inventory of Roadway Elements (MMIRE)	Carol	Tan	202-493-3315	carol.tan@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Modified Asphalt	Terry	Arnold	202-493-3305	terry.arnold@fhwa.dot.gov	http://www.tfrc.gov/pavement/pave.htm	Infrastructure R&D
Modified Asphalt	Ernest	Bastian	202-493-3075	ernest.bastian@fhwa.dot.gov	http://www.tfrc.gov/pavement/pave.htm	Infrastructure R&D
Modified Asphalt	Jack	Youtcheff	202-493-3090	jack.youtcheff@fhwa.dot.gov	http://www.tfrc.gov/pavement/pave.htm	Infrastructure R&D
Motorcycle Crash Causation Study	Carol	Tan	202-493-3315	carol.tan@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
N						
National Cooperative Highway Research Program (NCHRP)	William	Zaccagnino	202-493-3183	william.zaccagnino@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
National Crash Analysis Center (NCAC)	Kenneth	Opiela	202-493-3371	kenneth.opiela@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
National R&T Partnerships	Jack	Jernigan	202-493-3363	jack.jernigan@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management

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Nationwide Differential Global Positioning System (NDGPS)	James A.	Arnold	202-493-3265	james.a.arnold@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D
NDGPS High Accuracy	James A.	Arnold	202-493-3265	james.a.arnold@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D
NDGPS/Integrated Precipitable Water Vapor (IPWV)	Rudy	Persaud	202-493-3391	rudy.persaud@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D
Nondestructive Evaluation and Testing R&D	Frank	Jalinoos	202-493-3082	frank.jalinoos@fhwa.dot.gov	http://www.tfsrc.gov/hnr2/0/nde/home.htm	Infrastructure R&D
O						
Older Driver Research – Human Factors	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfsrc.gov/hum/anfac/hf.htm	Safety R&D
Operations R&D Director	Joe	Peters	202-493-3303	joe.peters@fhwa.dot.gov		Operations R&D
Operations R&D Technology Facilitation	Randall	VanGorder	202-493-3266	randall.vangorder@fhwa.dot.gov	http://www.tfsrc.gov/its/its.htm	Operations R&D
P						
Paint Durability	Seung-Kyoung	Lee	202-493-3077	seung-kyoung.lee@fhwa.dot.gov	http://www.tfsrc.gov/about/corros.htm	Infrastructure R&D
Paints (Bridges) - Research	Seung-Kyoung	Lee	202-493-3077	seung-kyoung.lee@fhwa.dot.gov	http://www.tfsrc.gov/about/corros.htm	Infrastructure R&D
Pavement Instrumentation (Seasonal and Load)	Aramis	López	202-493-3145	aramis.lopez@fhwa.dot.gov	http://www.fhwa.dot.gov/pavement/ltp/index.cfm	Infrastructure R&D
Pavement Markings – Research/Program Retroreflectivity	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Pavement Profile Measurements and IRI	Larry	Wiser	202-493-3079	larry.wiser@fhwa.dot.gov		Infrastructure R&D

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Pavement Smoothness	Larry	Wiser	202-493-3079	larry.wiser@fhwa.dot.gov	http://www.fhwa.dot.gov/pavement/ltpp/index.cfm	Infrastructure R&D
Pavement Structural Design and Specifications	Katherine	Petros	202-493-3154	katherine.petros@fhwa.dot.gov	http://www.tfrc.gov/pavement/pave.htm	Infrastructure R&D
Pavement Texture and Roughness	Dennis	Sixbey	202-493-3078	dennis.sixbey@fhwa.dot.gov	http://www.tfrc.gov/about/pavesurf.htm	Infrastructure R&D
Pavements Research Technical Director	Cheryl	Richter	202-493-3070	cheryl.richter@fhwa.dot.gov		Infrastructure R&D
Pedestrian & Bicycle Safety Human Factors R&D	Amanda	Emo	202-493-3395	amanda.emo@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Pedestrian and Bicycle Safety Research	Ann	Do	202-493-3319	ann.do@fhwa.dot.gov	http://www.tfrc.gov/safety/pedbike/index.htm	Safety R&D
Performance Related Specifications Pavements, R&D	Nelson	Gibson	202-493-3073	nelson.gibson@fhwa.dot.gov	http://www.tfrc.gov/about/ptf.htm	Infrastructure R&D
Photometric & Visibility	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Photometry, Radiometry, Colorimetry, Visibility	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfrc.gov/about/pvl.htm	Safety R&D
Portland Cement Concrete Materials	Richard	Meininger	202-493-3191	rick.meininger@fhwa.dot.gov	http://www.fhwa.dot.gov/pavement/pccp/index.cfm	Infrastructure R&D
Portland Cement Concrete Pavement Construction	Peter	Kopac	202-493-3151	peter.kopac@fhwa.dot.gov	http://www.fhwa.dot.gov/pavement/pccp/index.cfm	Infrastructure R&D
Portland Cement Concrete Pavement Design and Analysis	Katherine	Petros	202-493-3154	katherine.petros@fhwa.dot.gov	http://www.fhwa.dot.gov/pavement/pccp/index.cfm	Infrastructure R&D

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Portland Cement Concrete Specifications	Peter	Kopac	202-493-3151	peter.kopac@fhwa.dot.gov	http://www.fhwa.dot.gov/pavement/pccp/index.cfm	Infrastructure R&D
Printing (R&T)	Zachary	Ellis	202-493-3193	zachary.ellis@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
Priority Market-Ready Technologies	TaMara	McCrae	202-493-3382	tamara.mccrae@fhwa.dot.gov	http://www.fhwa.dot.gov/crt/marketready.cfm	Corporate Research, Technology, and Innovation Management
Public Roads	Martha	Soneira	202-493-3468	martha.soneira@fhwa.dot.gov	http://www.tfrc.gov/pubrds/	Corporate Research, Technology, and Innovation Management
Publishing Copyrights (RD&T)	Dawn	Vanlandingham	202-493-3198	dawn.vanlandingham@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
R						
R&T Budget and Legislation	Jack	Jernigan	202-493-3363	jack.jernigan@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
R&T Corporate Master Plan	Debra	Elston	202-493-3181	debra.elston@fhwa.dot.gov	http://www.fhwa.dot.gov/crt	Corporate Research, Technology, and Innovation Management
R&T Reference Center	Joe	Conway	202-493-3186	joe.conway@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management

Area of Expertise	Contact First Name	Contact Last Name	Telephone	E-Mail	Web Address for Area	Office
R&T Report Center (Product Distribution Center)	TaMara	McCrae	202-493-3382	tamara.mccrae@fhwa.dot.gov	http://www.fhwa.dot.gov/crt/marketready.cfm	Corporate Research, Technology, and Innovation Management
Radio Navigation	James A.	Arnold	202-493-3265	james.a.arnold@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Radio Navigation and Communication Systems	James A.	Arnold	202-493-3265	james.a.arnold@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
RD&T Product Distribution Manager	Carlton	Brigham	301-577-0818	report.center@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
Recycling R&D	Jack	Youtcheff	202-493-3090	jack.youtcheff@fhwa.dot.gov	http://www.tfrc.gov/pavement/pave.htm	Infrastructure R&D
Red-Light Running Cameras (Research)	Wei	Zhang	202-493-3317	wei.zhang@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Research Advisory Committee (AASHTO)	Debra	Elston	202-493-3181	debra.elston@fhwa.dot.gov	http://www.fhwa.dot.gov/crt	Corporate Research, Technology, and Innovation Management
Research and Technology Coordinating Committee	Debra	Elston	202-493-3181	debra.elston@fhwa.dot.gov	http://www.fhwa.dot.gov/crt	Corporate Research, Technology, and Innovation Management
Research and Technology Program Coordination Title V	Debra	Elston	202-493-3181	debra.elston@fhwa.dot.gov	http://www.fhwa.dot.gov/crt	Corporate Research, Technology, and Innovation Management
Research Center for Excellence (RCE) for Finite Element Analysis	Vacant	Vacant	Vacant	Vacant	http://www.tfrc.gov/safety/index.htm	Safety R&D

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Retroreflectivity Research	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Roadside Barriers	Kenneth	Opiela	202-493-3371	kenneth.opiela@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Roadside Design Guide	Kenneth	Opiela	202-493-3371	kenneth.opiela@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Roadside Safety Features Research	Kenneth	Opiela	202-493-3371	kenneth.opiela@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Roadway Departure	Kenneth	Opiela	202-493-3371	kenneth.opiela@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Roadway Design Safety Research	Clayton	Chen	202-493-3054	clayton.chen@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	
Rollover Research	Kenneth	Opiela	202-493-3371	kenneth.opiela@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Roundabout Lighting	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Roundabouts	Joe	Bared	202-493-3314	joe.bared@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Roundabouts	Joe	Bared	202-493-3314	joe.bared@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Rural ITS	Rudy	Persaud	202-493-3391	rudy.persaud@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
S						
Safety Analyst: Software Tools for Safety Management	Ray	Krammes	202-493-3312	ray.krammes@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Safety Hardware Management	Roya	Amjadi	202-493-3383	roya.amjadi@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Safety Information Systems/Statistics	Carol	Tan	202-493-3315	carol.tan@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Safety Management Research	Heather	Valadez	202-493-3318	heather.valadez@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Safety Management Research	Carol	Tan	202-493-3315	carol.tan@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D

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Safety R&D Director	Michael	Trentacoste	202-493-3260	michael.trentacoste@fhwa.dot.gov		Operations R&D
Safety R&D Technology Facilitation	Lincoln	Cobb	202-493-3313	lincoln.cobb@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Safety Workforce	Michael	Trentacoste	202-493-3260	michael.trentacoste@fhwa.dot.gov		Operations R&D
Safety, Reliability and Security R&D	Sheila	Duwadi	202-493-3106	sheila.duwadi@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
Safety/Operational Effects of Geometrics	Joe	Bared	202-493-3314	joe.bared@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Safety/Operational Effects of Geometrics	Ray	Krammes	202-493-3312	ray.krammes@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Scour	Kornel	Kerenyi	202-493-3142	kornel.kerenyi@fhwa.dot.gov	http://www.tfrc.gov/about/hydraulics2.htm	Infrastructure R&D
Seismic Earthquake R&D	Phillip	Yen	202-493-3056	wen-huei.yen@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
Shallow Foundations Engineering and Design R&D	Mike	Adams	202-493-3025	mike.adams@fhwa.dot.gov	http://www.tfrc.gov/about/gdl.htm	Infrastructure R&D
SHRP Long term Pavement Performance (LTPP)	Aramis	López	202-493-3145	aramis.lopez@fhwa.dot.gov	http://www.fhwa.dot.gov/pavement/ltp/index.cfm	Infrastructure R&D
Side Impact R&D	Vacant	Vacant	Vacant	Vacant	http://www.tfrc.gov/safety/index.htm	Safety R&D
Sign Retroreflectivity	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Simulation Human Factor R&D	Greg	Davis		greg.davis@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Small Business Innovation Research	Jack	Jernigan	202-493-3363	jack.jernigan@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management

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Solar Energy	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Speed Management Human Factors R&D	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfsrc.gov/humanfac/hf.htm	Safety R&D
Speed Management R&D	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Speed Management	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Speed Management	Vacant	Vacant	Vacant	Vacant	http://www.tfsrc.gov/safety/index.htm	Safety R&D
State Planning and Research (SPR)/Funds	William	Zaccagnino	202-493-3183	william.zaccagnino@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
Steel Bridges	Bill	Wright	202-493-3053	bill.wright@fhwa.dot.gov	http://www.tfsrc.gov/structure/index.htm	Infrastructure R&D
Strategic Highway Research Program 2 (FSHRP/SHRP2)	Jack	Jernigan	202-493-3363	jack.jernigan@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
Strategic Highway Research Program II (SHRP II) – Safety	Michael	Trentacoste	202-493-3260	michael.trentacoste@fhwa.dot.gov		Operations R&D
Strategic Plan/Performance Measures (RD&T)	John	Munro	202-493-3368	john.munro@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
Structural Dynamics	Hamid	Ghasemi	202-493-3042	hamid.ghasemi@fhwa.dot.gov	http://www.tfsrc.gov/structure/index.htm	Infrastructure R&D
Structural Dynamics	Kornel	Kerenyi	202-493-3142	kornel.kerenyi@fhwa.dot.gov	http://www.tfsrc.gov/structure/index.htm	Infrastructure R&D

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Structures – Timber	Sheila	Duwadi	202-493-3106	sheila.duwadi@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
Structures -Highway	Ian	Friedland	202-493-3023	ian.friedland@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
Superpave R&D	Nelson	Gibson	202-493-3073	nelson.gibson@fhwa.dot.gov	http://www.tfrc.gov/about/ptf.htm	Infrastructure R&D
T						
Technology Implementation Group (FHWA)	Joe	Conway	202-493-3186	joe.conway@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
Technology Transfer (Federal)	John	Munro	202-493-3368	john.munro@fhwa.dot.gov	http://www.fhwa.dot.gov/crt/lifecycle/deployment.cfm	Corporate Research, Technology, and Innovation Management
Timber Bridges	Sheila	Duwadi	202-493-3106	sheila.duwadi@fhwa.dot.gov	http://www.tfrc.gov/structure/index.htm	Infrastructure R&D
Traffic Calming	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Traffic Calming – Safety - Research	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Traffic Control Devices Human Factors R&D	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfrc.gov/humanfac/hf.htm	Safety R&D
Traffic Estimation and Prediction System	Henry	Lieu	202-493-3273	henry.lieu@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Traffic Flow Surveillance/Detectors	David	Gibson	202-493-3271	david.gibson@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Traffic Flow Theory	Henry	Lieu	202-493-3273	henry.lieu@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D

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Traffic Management Center, Human Centered Design	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfrc.gov/humanfac/hf.htm	Safety R&D
Traffic Model Validation/Verification	Gene	McHale	202-493-3275	gene.mchale@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Traffic Network Simulation	Henry	Lieu	202-493-3273	henry.lieu@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Traffic Research Laboratory (TREL)	Raj	Ghaman	202-493-3270	raj.ghaman@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Traffic Sensors & Detectors	David	Gibson	202-493-3271	david.gibson@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Traffic Sign and Pavement Marking Retroreflectivity	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Traffic Signal Control Research	Raj	Ghaman	202-493-3270	raj.ghaman@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Traffic Signal Lights	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Traffic Simulation	Raj	Ghaman	202-493-3270	raj.ghaman@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Traffic Surveillance Systems	David	Gibson	202-493-3271	david.gibson@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Transient Protection Electromagnetic Theory	Raj	Ghaman	202-493-3270	raj.ghaman@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Transportation Management Center Human Factors	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfrc.gov/humanfac/hf.htm	Safety R&D
Transportation Pooled Fund Program Management	Lisa	Williams		lisa.williams@fhwa.dot.gov	http://www.pooledfund.org	Corporate Research, Technology, and Innovation Management

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Transportation Pooled Fund Program Task Force	Joe	Conway	202-493-3186	joe.conway@fhwa.dot.gov	http://www.pooledfund.org	Corporate Research, Technology, and Innovation Management
Traveler Navigation	James A.	Arnold	202-493-3265	james.a.arnold@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Tunnel Lighting	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Turner-Fairbank Highway Research Center Facility Tours	TaMara	McCrae	202-493-3382	tamara.mccrae@fhwa.dot.gov	http://www.fhwa.dot.gov/crt/marketready.cfm	Corporate Research, Technology, and Innovation Management
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U.S. – Japan ITS Joint Research Program	Gene	McHale	202-493-3275	gene.mchale@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
University Transportation Centers (UTC) Liaison	William	Zaccagnino	202-493-3183	william.zaccagnino@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
User Characteristics	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfrc.gov/humanfac/hf.htm	Safety R&D
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Variable Message Sign R&D	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Vehicle – Highway Automation R&D	Robert	Ferlis	202-493-3268	robert.ferlis@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Vehicle Compatibility with Safety Features	Kenneth	Opiela	202-493-3371	kenneth.opiela@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Visibility	Carl	Andersen	202-493-3366	carl.andersen@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Visibility Human Factors R&D	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfrc.gov/humanfac/hf.htm	Safety R&D
W						

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Weather	Rudy	Persaud	202-493-3391	rudy.persaud@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Web site (R&T, TFHRC, Advanced Research)	Dawn	Vanlandingham	202-493-3198	dawn.vanlandingham@fhwa.dot.gov		Corporate Research, Technology, and Innovation Management
Weigh in Motion (WIM)	Harold	Bosch	202-493-3031	harold.bosch@fhwa.dot.gov	http://www.tfrc.gov/aerodynamics/index.htm	Infrastructure R&D
Weigh in Motion (WIM), Measurements and Equipment	Deborah	Walker	202-493-3068	deborah.walker@fhwa.dot.gov		Infrastructure R&D
Wildlife Vehicle Crashes	Carol	Tan	202-493-3315	carol.tan@fhwa.dot.gov	http://www.tfrc.gov/safety/index.htm	Safety R&D
Wind Effects R&D	Harold	Bosch	202-493-3031	harold.bosch@fhwa.dot.gov	http://www.tfrc.gov/aerodynamics/index.htm	Infrastructure R&D
Wind Loads	Harold	Bosch	202-493-3031	harold.bosch@fhwa.dot.gov	http://www.tfrc.gov/aerodynamics/index.htm	Infrastructure R&D
Winter Maintenance Decision Support Systems	Rudy	Persaud	202-493-3391	rudy.persaud@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Wireless Telecommunication	James A.	Arnold	202-493-3265	james.a.arnold@fhwa.dot.gov	http://www.tfrc.gov/its/its.htm	Operations R&D
Work Zone Analysis Tools	Deborah	Curtis	202-493-3267	deborah.curtis@fhwa.dot.gov	http://www.tfrc.gov/its/swat.htm	Operations R&D
Work Zone Human Factors R&D	Thomas	Granda	202-493-3365	thomas.granda@fhwa.dot.gov	http://www.tfrc.gov/humanfac/hf.htm	Safety R&D
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Work Zone Safety and Mobility Integrated Product Team	Deborah	Curtis	202-493-3267	deborah.curtis@fhwa.dot.gov	http://www.tfsrc.gov/its/swat.htm	Operations R&D
Work Zone Safety and Mobility Integrated Product Team	Wei	Zhang	202-493-3317	wei.zhang@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D
Work Zone Safety Research	Wei	Zhang	202-493-3317	wei.zhang@fhwa.dot.gov	http://www.tfsrc.gov/safety/index.htm	Safety R&D