

No.	タイトル	レポートNo.	著者	出版元	発行年	出版国
5001	Flushing in chipseals	576	Herrington, P R; Koddipily, S; Henning, T F	New Zealand Transport Agency	2015-9	ニュージーランド
5002	Bitumen performance tests	587	Herrington, P R; Wu, J P; BENTLEY, G	New Zealand Transport Agency	2016-4	ニュージーランド
5003	The relationship between vehicle axle loadings and pavement wear on local roads	603	Arnold, G; Henning, Theunis; Alabaster, D; Greenslade, F; Fussell, A; Craw, R	New Zealand Transport Agency	2017-6	ニュージーランド
5004	Pavement moisture measurement to indicate risk to pavement life	611	Arnold, G; Sing, P F; Saarenketo, T; Saarenpaa, T	New Zealand Transport Agency	2017-3	ニュージーランド
5005	Calibration of rutting models for structural and mix design	719	Harold L. Von Quintus	Transportation Research Board	2012	米国
5006	Significant Findings from Full-Scale Accelerated Pavement Testing- A Synthesis of Highway Practice	433	F Hugo; A L E Martin	Transportation Research Board	2012	米国
5007	Implementation of the AASHTO Mechanistic-Empirical Pavement Design Guide and Software	457	Pierce, Linda M McGovern, Ginger	Transportation Research Board	2014	米国
5008	Expected service life and performance characteristics of HMA pavements in LTPP		Von Quintus, Harold L; Mallela, Jag; Jiang, Jane	Asphalt Pavement Alliance	2005-2	米国
5009	Perpetual bituminous pavements	503	Joe W Button; National Research Council (U.S.). Transportation Research Board. Annual Meeting; National Research Council (U.S.). Transportation Research Board. Committee on General Issues in Asphalt Technology.	Transportation Research Board, National Research Council	2001-12	米国
5010	2013 state of the pavement report based on the 2013 pavement condition survey			California department of transplantation division of maintenance pavement program	2013-12	米国
5011	Years to first rehabilitation of superpave hot mix asphalt	CDOT-2014-10	Melody A Perkins; Jay Goldbaum	Colorado Department of Transportation	2014-7	米国
5012	Tire-pavement and environmental traffic noise research study.	CDOT-2012-5	Robert Otto Rasmussen C Sohaney	Colorada Dept. of Transportation, DTD Applied Research and Innovation Branch	2012-6	米国
5013	Cost-benefit evaluation of short-term warranties for hot mix asphalt pavements	CDOT-2012-1	Jay Goldbaum	Colorado Dept. of Transportation, Research Branch	2012-3	米国
5014	Evaluation of long-life concrete pavement practices for use in Florida	BDK75 977-48	Mang Tia; David Verdugo; Ohhoon Kwon	Dept. of Civil and Coastal Engineering University of Florida	2012-11	米国
5015	Sealing of cracks on Florida bridge decks with steel girders	BDK82 977-02	Adel ElSafty; N Mike Jackson	School of Engineering College of Computing, Engineering, and Construction University of North Florida	2012-8	米国
5016	Designing, producing, and constructing fine-graded hot mix asphalt on Illinois roadways	ICT-R27-079	William G Buttlar; Chaiwat Na Chiangmai; Imad L Al-Qadi; Timothy R Murphy, (Engineer); William J Pine	Illinois Center for Transportation	2015-4	米国
5017	Construction and performance monitoring of various asphalt mixes in Illinois : 2015 interim report	ICT-16-009	David L Lippert; Hasan Ozer James F Meister; Greg Renshaw	Illinois Center for Transportation	2016-2	米国
5018	Iowa Pavement Asset Management Decision-Making Framework	TR-651	Ahmed Abdelaty; H David Jeong; Omar Smadi; Douglas D Gransberg;	Iowa Institute for Transportation	2015-10	米国
5019	Kansas Department of Transportation 2014 chip seal manual	KSU-09-	Dean M Testa; Mustaque Hossain	Kansas Department of Transportation	2014-3	米国
5020	Development of Cost Effective Treatment Performance and Treatment Selection Models	LA. 13/518	Mohammad Jamal Khattak; Gilbert Y Baladi	Louisiana : Louisiana Transportation Research Center	2015-9	米国

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5021	Evaluation of Non-Destructive Technologies for Construction Quality Control of HMA and PCC Pavements in Louisiana	09-5C	Patrick Icenogle; Md Sharear Kabir	Louisiana Transportation Research Center	2013-11	米国
5022	Development of Performance-based Specifications for Louisiana Asphalt Mixtures	LA. 14/558	Louay N Mohammad; Kim Minkyum; Harshavardhan Challa	Louisiana Transportation Research Center	2016-2	米国
5023	Cost-effectiveness of the MDOT Preventive Maintenance Program Final Report	RC-1579	P Ram, D Peshkin	Michigan Department of Transportation	2013-4	米国
5024	Minnesota seal coat handbook 2006	RC-2006-34	David W Janisch; Frank S Gaillard; Thomas J Wood	Minnesota Dept. of Transportation, Research Services Section	2006-6	米国
5025	DCT low temperature fracture testing pilot project	RC 2015-20	L Johanneck, J Geib, D Van Deusen, J Garrity	Minnesota Department of Transportation, Research Services & Library	2015-5	米国
5026	MoDOT pavement preservation research program volume I, summary report.	cmr 16-004	David N. Richardson	missouri department of transportation	2015-10	米国
5027	Use of dynamic cone penetrometer in subgrade and base acceptance	ODOT-2007/01	Shin Wu; S M Sargand	Ohio Research Institute for Transportation and the Environment.	2007-4	米国
5028	An efficient and accurate genetic algorithm for backcalculation of flexible pavement layer moduli	OH-2012/18	E Pan, A Sangghaleh, A Molavi, Y Zhao, P Yi	Ohio Dept. of Transportation, Research & Development	2012-12	米国
5029	Long term striping alternatives for bridge decks	OH-2008/13	Ala R Abbas; Amal Mohi; Justin Butterfield	Ohio Dept. of Transportation	2009-1	米国
5030	Mechanical properties of warm mix asphalt prepared using foamed asphalt binders	OH-2011/6	Ala R Abbas; Ayman Ali	Ohio Dept. of Transportation	2011-3	米国
5031	Optimization of patching for spray injection equipment	OH-2016/9	Ala R Abbas; Munir D Nazzal; Bijay Subedi; Tanvir Quasem	Ohio Department of Transportation, Office of Statewide Planning & Research, Research Section	2016-3	米国
5032	Performance assessment of warm mix asphalt (WMA) pavements	OH-2009/08	S Sargand, JL Figueroa, W Edwards	Ohio Research Institute for Transportation and the Environment	2009-9	米国
5033	The use of atomic force microscopy to evaluate warm mix asphalt	OH-2012/19	Munir D Nazzal; Lana Abu-Qtaish	Ohio Dept. of Transportation, Research & Development	2013-1	米国
5034	Developing a mixture design specification for flexible base construction	0-6621-1	Jon A Epps	Texas Transportation Institute	2012-6	米国
5035	Fatigue resistance of asphalt mixtures affected by water vapor movement		Yunwei Tong; Robert L Lytton	Texas A & M University	2013-12	米国
5036	Nanotechnology-based system for damage-resistant concrete pavements	12/47666 0-00017-1	Rashid Kamel Abu Al-Rub	Southwest Region University Transportation Center, Texas Transportation Institute, Texas A & M University System	2012-8	米国
5037	Water quality and hydraulic performance of permeable friction course on curbed sections of highways	0-6635-1	LC Sampson, AV Houston, RJ Charbeneau, ME Barrett	Center for Transportation Research, University of Texas at Austin,	2013-8	米国
5038	I-81 In-place pavement recycling project	15-R1	Brian K Diefenderfer; Alex K Apeagyei	Virginia Center for Transportation Innovation and Research	2014-8	米国
5039	Evaluation of the Installation and Initial Condition of Rosphalt Overlays on Bridge Decks.	13-R5	Michael M Sprinkel; Alex K Apeagyei	Virginia Center for Transportation Innovation and Research	2013-6	米国
5040	Use of Precast Slabs for Pavement Rehabilitation on I-66	12-R9	M Shabbir Hossain; H Celik Ozyildirim	Virginia Center for Transportation Innovation and Research	2012-6	米国

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5041	Polyester polymer concrete overlay	WA-RD 797.1	Keith W Anderson	Washington State Department of Transportation, Office of Research & Library Services	2013-1	米国
5042	Evaluation of long-term pavement performance and noise characteristics of open-graded friction courses : project 2.	WA-RD 691.2	Anderson, Keith W.; Uhlmeier, Jeff S.; Sexton, Tim; Russell, Mark; Weston, Jim	Washington State Department of Transportation, Office of Research & Library Services	2012-6	米国
5043	Pavement edge treatment	WA-RD 798.1	Anderson, Keith W.; Berends, Terry; Russell, Mark; Uhlmeier, Jeff S.; Weston, Jim; Simonson, Chad; Damatio, Chris; Trinh, Hien	Washington State Department of Transportation, Office of Research & Library Services	2013-1	米国
5044	Trinidad Lake asphalt overlay performance final report	WA-RD 710.2	Keith Anderson, Mark Russell, Jeff S. Uhlmeier, Dave Luhr, Bryan Dias, and Jim Weston	Washington State Department of Transportation, Office of Research & Library Services	2014-7	米国
5045	Performance testing for Superpave and structural validation	HRT-11- 045	Gibson, Nelson; Qi, Xicheng; Shenoy, Aroon; Al-Khateeb, Ghazi; Kutay, M. Emin; Andriescu, Adrian; Stuart, Kevin; Youtcheff, Jack; Harman, Thomas	Department of Transportation, Federal Highway Administration, Research, Development, and Technology, Turner-Fairbank Highway Research	2012-11	米国
5046	Relating ride quality and structural adequacy for pavement rehabilitation/design decisions	HRT-12- 035	Gonzalo R Rada; P E Perera; V Prabhakar	Department of Transportation, Federal Highway Administration, Research, Development and Technology, Turner-Fairbank Highway	2012-11	米国
5047	Mechanistic evaluation of the Georgia loaded wheel tester for Superpave asphalt mixtures	OH- 2004/008	Robert Y Liang; Atef F Saleeb	University of Akron, Dept. of Civil Engineering	2004-6	米国
5048	Effectiveness of thin hot mix asphalt overlay on pavement ride and condition performance	OH- 2008/4	Eddie Chou; Debargha Datta; Haricharan Pulugurta	University of Toledo	2008-4	米国
5049	Best practices for implementation of tack coat. Part 1, Laboratory study	ICT-12- 004	Imad L. Al-Qadi; Khaled I. Hasiba; Alejandro Salinas Cortina; Hasan Ozer; Zhen Leng; Derek C. Parish; Stephen J. Worsfold	Illinois Center for Transportation	2012-7	米国
5050	Best practices for implementation of tack coat. Part 2, Field study	ICT-12- 005	Imad L. Al-Qadi; Alejandro Salinas Cortina; Khaled I. Hasiba; Hasan Ozer; Zhen Leng; Enad Mahmoud; Derek C. Parish; Stephen J.	Illinois Center for Transportation	2012-7	米国
5051	Evaluating pavement markings on Portland Cement Concrete (PCC) and various asphalt surfaces: results of year 1, 2, 3, and 4 data collection	ICT-13- 033	Garmine E Dwyer; William Robert Vavrik; Rachel L Becker	Illinois Center for Transportation	2013-12	米国
5052	Accelerated implementation of intelligent compaction technology for embankment subgrade soils, aggregate base, and asphalt pavement materials	IF-12- 002	G Chang, Q Xu, J Rutledge, B Horan, L Michael	U.S. Department of Transportation, Federal Highway Administration	2011-7	米国
5053	Pavement repair guidelines for longitudinal joints	TX-11/5- 5444-01- 1	David W Fowler	Center for Transportation Research, University of Texas at Austin	2010-11	米国
5054	Performance of taconite aggregates in thin lift HMA	HIF-12- 025	Lawrence M Zanko; Ed Johnson; Mihai O Marasteanu; Marsha M Patelke; Dave Linell	Federal Highway Administration	2012	米国
5055	Evaluation of seal coat construction materials	TX-14/0- 6747-1	Wade Odell; Katherine F Turnbull	Texas A&M Transportation Institute ; Lubbock, Texas : TechMRT, Texas Tech University,	2017-7	米国

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5056	Materials and procedures for sealing and filling cracks in asphalt-surfaced pavements.	RD-99-147	Kelly L Smith; A Russell Romine	U.S. Dept. of Transportation, Federal Highway Administration [Pavement Performance Division]	2001	米国
5057	AASHTO Provisional Standards for Asphalt Binders			national asphalt training center	1993-9	米国
5058	Superpave asphalt binder test methods: an illustrated overview	SA-94-068	R S Warren; Robert Benton McGennis; H U Bahia	Federal Highway Administration, Office of Technology Applications ; Springfield, Va. : Available from the National Technical Information	1994-1	米国
5059	Background of SUPERPAVE asphalt mixture design and analysis	SA-95-003	RB McGennis, RM Anderson, TW Kennedy	U.S. Department of Transportation, Office of Technology Applications, Federal Highway Administration	1995-2	米国
5060	Aggregate Image Measurement System 2 (AIMS2): Final Report	HIF-11-030	L Gates, EA Masad, R Pyle, D Bushee	federal highway administration	2011-1	米国
5061	Federal-aid highways : improved guidance could enhance states' use of life-cycle cost analysis in pavement selection : report to congressional committees.	GAO-13-544	Government Accountability Office	United States Government Accountability Office	2013-6	米国
5062	Benefits of MnROAD phase II research	2015-19	Benjamin J Worel; Dave Van Deuse	Minnesota Department of Transportation, Research Services & Library	2015-5	米国
5063	High Friction Surface Treatment Alternative Aggregates Study	15-04	M Heitzman, P Turner, M Greer	National Center for Asphalt	2015-7	米国
5064	Refined Limiting Strain Criteria and Approximate Ranges of Maximum Thicknesses for Designing Long-Life Asphalt Pavements	15-05	PE Nam Tran, MM Robbins, JR Willis, C Rodezno	National Center for Asphalt Technology	2015-9	米国
5065	Dynamic Friction Tester Workshop and Round-Robin Testing Summary	13-12	M Heitzman, M Greer, S Maghsoodloo	National Center for Asphalt Technology	2013-12	米国
5066	Flexible Pavement Design - State of the Practice	14-04	Timm, David H; Robbins, Mary M; Tran, Nam; Rodezno, Carolina	National Center for Asphalt Technology	2014-8	米国
5067	High-Modulus Asphalt Concrete (HMAC) Mixtures for Use As Base Course	17-04	F Leiva-Villacorta, R Willis	National Center for Asphalt Technology	2017-6	米国
5068	A synthesis report: value of pavement smoothness and ride quality to roadway users and the impact of pavement roughness on vehicle operating costs	16-03	MM Robbins, NH Tran	National Center for Asphalt Technology	2016-4	米国
5069	Literature review: the effect of pavement roughness on vehicle operating costs	15-02	MM Robbins, NH Tran	National Center for Asphalt Technology	2015-5	米国
5070	Pavement ME Design-Impact of Local Calibration, Foundation Support, and Design and Reliability Thresholds	17-08	PE Nam Tran, MM Robbins, C Rodezno	National Center for Asphalt Technology	2017-9	米国
5071	Demonstration Project for Enhanced Durability of Asphalt Pavements through Increased In-Place Pavement Density	17-05	T Aschenbrener, E Brown, N Tran, PB Blankenship	National Center for Asphalt Technology	2017-7	米国
5072	Effect of pavement properties on vehicular rolling resistance: A literature review	14-07	J Willis, M Robbins, M Thompson	National Center for Asphalt Technology	2014-7	米国
5073	Evaluation of the asphalt pavement analyzer for moisture sensitivity testing.	NCAT 04-04	RC West; J Zhang; A Cooley	National Center for Asphalt Technology	2004-7	米国
5074	Effects of Nanotac additive on bond strength and moisture resistance of tack coats	NCAT 12-02	Taylor, Adam Joel Willis, J Richard	National Center for Asphalt Technology	2012-5	米国

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5075	National Pooled-Fund Workshop on Asphalt Mixture Performance Tester: Summary Report	13-01	Tran, Nam H; Heitzman, Michael; Brown, E Ray; Watson, Donald; Withee, Jeffrey	National Center for Asphalt Technology	2013-1	米国
5076	Thin HMA overlays for pavement preservation and low volume asphalt roads	13-05	ER Brown, M Heitzman	National Center for Asphalt Technology	2013-5	米国
5077	Reclaimed asphalt shingles characterization: Best practices	13-07	JR Willis	National Center for Asphalt Technology	2013-5	米国
5078	Synthesis of the effects of pavement properties on tire rolling resistance	11-05	RL Jackson, JR Willis, M Arnold, C Palmer	National Center for Asphalt Technology	2011-8	米国
5079	Field and laboratory study of high-polymer mixtures at the NCAT test track	13-03	DH Timm, MM Robbins, JR Willis, N Tran	National Center for Asphalt Technology	2013-2	米国
5080	Evaluation of warm mix asphalt in Walla Walla, Washington	11-06 (R)	C Jones, R West, G Julian, A Taylor, A Kvasnak	National Center for Asphalt Technology	2011 updated 2013	米国
5081	Field and laboratory study of Trinidad Lake asphalt mixtures at the NCAT test track	14-05	DH Timm, MM Robbins, JR Willis, N Tran, AJ Taylor	National Center for Asphalt Technology	2014-6	米国
5082	Revised pay adjustment factors for HMA and concrete pavements	TX-14/0-6675-1	P Buddhavarapu, AF Smit, JA Prozzi, W Fan, Z Gurmu	Center for Transportation Research, University of Texas at Austin,	2014-2	米国
5083	Methods and practices on reduction and elimination of asphalt mix segregation	477	Mary Stroup-Gardiner	Transportation Research Board	2015	米国
5084	Consideration of preservation in pavement design and analysis procedures	810	Applied Pavement Technology, Inc.	Transportation Research Board	2015	米国
5085	Best Practices for Crack Treatments for Asphalt Pavements	784	Dale S Decker	Transportation Research Board	2014	米国
5086	Design and management of historic roads	189	Mary Elizabeth McCahon; Larry Sutherland; Steven Shaup	National Cooperative Highway Research Program, Transportation Research Board of the National	2012-1	米国
5087	Field performance of warm mix asphalt technologies	779	Randy C West	Transportation Research Board	2014	米国
5088	A guidebook for nighttime construction : impacts on safety, quality, and productivity	726	Jennifer S Shane; Amr Kandil	Transportation Research Board	2012	米国
5089	Manual for emulsion-based chip seals for pavement preservation	680	Scott Shuler	American Association of State Highway and Transportation Officials	2012	米国
5090	Microsurfacing	411	Douglas D Gransberg	Transportation Research Board	2010	米国
5091	Pavement Patching Practices	463	RS McDaniel, J Olek, A Behnood, B Magee, R Pollock	Transportation Research Board	2014	米国
5092	Performance specifications for asphalt mixtures	492	Leslie Myers McCarthy; Jonathan Callans; Robert Quigley	Transportation Research Board	2016	米国
5093	Practices for permitting superheavy load movements on highway pavements	476	A T Papagiannakis	Transportation Research Board	2015	米国
5094	Practices for Unbound Aggregate Pavement Layers	445	Tutumluer, Erol	Transportation Research Board	2013	米国
5095	Models for predicting reflection cracking of hot-mix asphalt overlays	669	Robert L Lytton	Transportation Research Board	2010	米国
5096	Significant findings from full-scale accelerated pavement	433	Wynand JvdM Steyn	Transportation Research Board	2012	米国
5097	Converting paved roads to unpaved	485	Laura Fay; Ashley Kroon; Ken Skorseth	Transportation Research Board of the National Academies	2016	米国
5098	Waterproofing membranes for concrete bridge decks	425	H G Russell	Transportation Research Board	2012	米国
5099	Relationship between chemical makeup of binders and engineering performance	511	William H Daly	Transportation Research Board	2017	米国

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5100	Short-term laboratory conditioning of asphalt mixtures	815	David Newcomb	Transportation Research Board	2015	米国
5101	Pavement Management Systems: Putting Data to Work	501	Zimmerman, Kathryn A	Transportation Research Board	2017	米国
5102	Practice of Rumble Strips and Rumble Stripes	490	Omar Smadi and Neal Hawkins	Transportation Research Board	2016	米国
5103	Performance-related specifications for emulsified asphaltic binders used in preservation surface treatments	837	Y Richard Kim; Javon Adams; Cassie Castorena	Transportation Research Board	2017	米国
5104	Alternate Design/Alternate Bid Process for Pavement-Type Selection	499	Gransberg, Douglas; Buss, Ashley; Karaca, Ilker; Loulakis, Michael C	Transportation Research Board	2017	米国
5105	A manual for design of hot mix asphalt with commentary	673	D Christensen	Transportation Research Board	2011	米国
5106	Recycling and Reclamation of Asphalt Pavements Using In-Place Methods	421	Stroup-Gardiner, Mary	Transportation Research Board	2011	米国
5107	Performance-Related Specifications for Pavement Preservation Treatments	857	Karim Chatti; Syed Waqar Haider; Ronell J. Eisma; Gopikrishna Musunuru; Y. Richard Kim; Cassie Castorena; Javon Adams	Transportation Research Board	2017	米国
5108	Material Properties of Cold In-Place Recycled and Full-Depth Reclamation Asphalt Concrete	863	Charles W. Schwartz; Brian K. Diefenderfer; Benjamin F. Bowers	Transportation Research Board	2017	米国
5109	Long-Term Aging of Asphalt Mixtures for Performance Testing and Prediction	871	Y. Richard Kim; Cassie Castorena; Michael Elwardany; Farhad Yousefi Rad; Shane Underwood; Akshay Gundha; Padmini Gudipudi; Mike J. Farrar; Ronald R. Glaser	Transportation Research Board	2018	米国
5110	Use of Reclaimed Asphalt Pavement and Recycled Asphalt Shingles in Asphalt Mixtures	495	Mary Stroup-Gardiner	Transportation Research Board	2016	米国
5111	Validation of Guidelines for Evaluating the Moisture Susceptibility of WMA Technologies	817	Amy Epps Martin; Edith Arambula; Fan Yin; Eun Sug Park	Transportation Research Board	2016	米国
5112	Ruggedness Testing of the Dynamic Modulus and Flow Number Tests with the Simple Performance Tester	629	Ramon Bonaquist	Transportation Research Board	2008	米国
5113	Simple Performance Test for Superpave Mix Design	465	M. W. Witczak; K. Kaloush; T. Pellinen; M. El-Basyouny; H. Von Quintus	Transportation Research Board	2002	米国
5114	Specification Criteria for Simple Performance Tests for Rutting, Volume I: Dynamic Modulus (E*) and Volume II: Flow Number and Flow Time	580	M.W.Witczak	Transportation Research Board	2007	米国
5115	Optimal Timing of Pavement Preventive Maintenance Treatment Applications	523	Peshkin, D G; Hoerner, T E; Zimmerman, K A	Transportation Research Board	2004	米国
5116	Analytical Tools for Asset Management	545		Transportation Research Board	2005	米国
5117	Performance Measures and Targets for Transportation Asset Management	551		Transportation Research Board	2006	米国
5118	Waterproofing Membranes for Concrete Bridge Decks	425	HENRY G.RUSSELL; Henry G.Russell, Inc.; Glenview, Illinois	Transportation Research Board	2012	米国
5119	Evaluating Pavement Strategies and Barriers for Noise Mitigation	738	Paul R. Donovan; Linda M. Pierce; Dana M. Lodico; Judith L. Rochat; Harvey S. Knauer	Transportation Research Board	2013	米国
5120	Models for Predicting Reflection Cracking of Hot-Mix Asphalt Overlays	669	Lytton, Robert L.; Tsai, Fang-Ling; Lee, Sang Ick; Luo, Rong; Hu, Sheng; Zhou, Fujie	Transportation Research Board	2010	米国
5121	Specifying and Measuring Asphalt Pavement Density to Ensure Pavement Performance	856	Dale S. Decker	Transportation Research Board	2017	米国

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5122	Evaluation of the Moisture Susceptibility of WMA Technologies	763	Martin, Amy Epps; Arambula, Edith; Yin, Fan; Cucalon, Lorena Garcia; Chowdhury, Arif; Lytton, Robert; Epps, Jon; Estakhri, Cindy; Park, Eun Sug	Transportation Research Board	2014	米国
5123	Fiber Additives in Asphalt Mixtures	475	McDaniel, Rebecca S	Transportation Research Board	2015	米国
5124	Properties of Foamed Asphalt for Warm Mix Asphalt Applications	807	David E. Newcomb; Edith Arambula; Fan Yin; Jun Zhang; Amit Bhasin; Wei Li; Zelalem Arega	Transportation Research Board	2015	米国
5125	Mix Design Practices for Warm Mix Asphalt	691	Ramon Bonaquist	Transportation Research Board	2011	米国
5126	Special Mixture Design Considerations and Methods for Warm-Mix Asphalt: A Supplement to NCHRP Report 673: A Manual for Design of Hot-Mix Asphalt with Commentary	714	Advanced Asphalt Technologies, LLC	Transportation Research Board	2012	米国
5127	Long-Term Field Performance of Warm Mix Asphalt Technologies	843	Washington State University Pennsylvania State University—Altoona Louisiana Transportation Research Center	Transportation Research Board	2017	米国
5128	Estimating the Effects of Pavement Condition on Vehicle Operating Costs	720	Karim Chatti Imen Zaabar	Transportation Research Board	2012	米国
5129	2008 Survey of European Composite Pavements	S2-R21-RW-1	Tompkins, Derek; Khazanovich, Lev; Darter, Michael I	Transportation Research Board	2010	米国
5130	Composite Pavement Systems, Volume 1: HMA/PCC Composite Pavements	S2-R21-RR-2	Shreenath Rao; Michael Darter; Derek Tompkins; Mery Vancura; Lev Khazanovich; Jim Signore; Erdem Colei; Rongzong Wu; John Harvey; Julie Vandenbossche	Transportation Research Board	2013	米国
5131	Composite Pavement Systems, Volume 2: PCC/PCC Composite Pavements	S2-R21-RR-3	Shreenath Rao; Michael Darter; Derek Tompkins; Mery Vancura; Lev Khazanovich; Jim Signore; Erdem Colei; Rongzong Wu; John Harvey; Julie Vandenbossche	Transportation Research Board	2013	米国
5132	Guide to Using Existing Pavement in Place and Achieving Long Life	S2-R23-RW-2	Newton Jackson; Jason Puccinelli; Joe Mahoney	Transportation Research Board	2014	米国
5133	Nondestructive Testing to Identify Concrete Bridge Deck Deterioration	S2-R06A-RR-1	Nenad Gucunski; Arezoo Imani; Francisco Romero; Soheil Nazarian; Deren Yuan; Herbert Wiggemhauser; Parisa Shokouhi; Alexander Taffe; Doria Kutrubes	Transportation Research Board	2013	米国
5134	Nondestructive testing to identify delaminations between HMA layers. Volume 1	S2-R06D-RR-1	Michae Heitzman; Kenneth I Maser; Nam H Tran; Ray Brown; Haley Bell; Steve Holland; Halil Ceylan; Kimberly Belli; Dennis Hiltunen	Transportation Research Board	2013	米国
5135	Nondestructive testing to identify delaminations between HMA layers. Volume 2	S2-R06D-RR-2	Heitzman, Michael; Maser, Kenneth; Tran, Nam H.; Brown, Ray; Bell, Haley; Holland, Stephen D.; Ceylan, Halil; Belli, Kimberly; Hiltunen,	Transportation Research Board	2013	米国
5136	Preservation Approaches for High-Traffic-Volume Roadways	S2-R26-RR-1	K L Smith; D Peshkin; A Wolters; J Krstulovich; J Moulthrop; C Alvarado	Transportation Research Board	2011	米国
5137	A Plan for Developing High-Speed, Nondestructive Testing Procedures for Both Design Evaluation and Construction Inspection	S2-R06-RW	AJ Wimsatt, T Scullion, EG Fernando, S Hurlbaas	Transportation Research Board	2009	米国
5138	Guidelines for the Preservation of High-Traffic-Volume Roadways	S2-R26-RR-2	K L Smith; D Peshkin; A Wolters; J Krstulovich; J Moulthrop; C Alvarado	Transportation Research Board	2011	米国

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5139	Using infrared and high-speed ground-penetrating radar for uniformity measurements on new HMA layers	S2-R06C-	Stephen Sebesta; Timo Saarenketo; Tom Scullion	Transportation Research Board	2012	米国
5140	Assessment of continuous pavement deflection measuring technologies	SHPR 2 R06F	Gerardo Flintsch; Brian Ferne; Brian Diefenderfer; Samer Katicha; James Bryce; Simon Nell; Trenton Clark	Transportation Research Board	2013	米国
5141	Reformulated pavement remaining service life framework.	HRT-13-038	GE Elkins, T Thompson, J Groeger, BA Visintine	Department of Transportation, Federal Highway Administration, Research, Development, and Technology, Turner-Fairbank Highway	2013-11	米国
5142	Pavement remaining service interval implementation guidelines	HRT-13-050	Elkins, Gary E.; Rada, Gonzalo R.; Groeger, Jonathan; Visintine, Beth	Department of Transportation, Federal Highway Administration, Research, Development, and Technology, Turner-Fairbank Highway	2013-11	米国
5143	Long-term pavement performance pavement loading user guide (LTPP PLUG)	HRT-13-089	Selezneva, Olga I. Hallenbeck, Mark	Department of Transportation, Federal Highway Administration, Research, Development, and Technology, Turner-Fairbank Highway	2013-10	米国
5144	Application of Asphalt Mix Performance-Based Specifications	E-C189	Technical Activities Division	Transportation Research Board	2014-10	米国
5145	Pavement Lessons Learned from the AASHO Road Test and Performance of the Interstate Highway System	E-C118	NJ Pederson	Transportation Research Board,	2007-7	米国
5146	Alternative binders for sustainable asphalt pavement : papers from a workshop	E-C165	Thomas J Kazmierowski	Transportation Research Board,	2012-1	米国
5147	Enhancing the Durability of Asphalt Pavements : Papers from a Workshop.	E-C186	Transportation Research Board.	Transportation Research Board,	2014-9	米国
5148	Moisture Damage to Hot-Mix Asphalt Mixtures	E-C198	Multiple Authors	Transportation Research Board,	2015-6	米国
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5150	Road maintenance management for district engineers.	1	TRL Limited. International Division.	TRL Limited, International Division	2003	イギリス
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5155	Calculation of local equilibrium correction factors for the 2014 skid resistance surveys	PPR739	Stuart Brittain	Transport Research Laboratory	2015	イギリス
5156	Measuring skid resistance without contact : 2007-2008 progress report	PPR378	A Dunford; A Ruff; R Whiteoak	Transport Research Laboratory	2008	イギリス
5157	Developing a new method for measuring pavement layer thickness	PPR390	J Gopaladas; R B Lodge; A Wright	Transport Research Laboratory	2009	イギリス
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5159	Grip Tester trial - October 2009 including SCRIM comparison	PPR497	A Dunford	Transport Research Laboratory	2010	イギリス
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5162	Pilot study using radio frequency identification (RFID) tags in road pavement material production	PPR698	A Cook , G Crabb	Transport Research Laboratory		イギリス
5163	Review of joint repair techniques for thin surface course systems	PPR708	Colin Jones; Sarah Reeves	Transport Research Laboratory	2014	イギリス
5164	The influence of fine aggregate on the early friction performance of SMA : a laboratory study	PPR721	M J greene , A Dunford	Transport Research Laboratory	2014	イギリス
5165	Road surface properties and high speed friction	PPR727	Peter D Sanders; K Morosiuk; J R Peeling	Transport Research Laboratory	2014	イギリス
5166	Use of high-resolution 3-D surface data to monitor change over time on pavement surfaces : Research into pavement surface disintegration: Phase 3	PPR740	Stuart McRobbie; Caroline Wallbank; K Nesnas; Alex Wright	Transport Research Laboratory	2015	イギリス
5167	Use of lower temperature asphalt in pavement construction demonstration site construction, in service performance and specification	PPR742	M Wayman; J C Nicholls; I Carswell	Transport Research Laboratory	2014	イギリス
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5170	The application of Enrobé à Module Élevé in flexible	TRL636	P J Sanders; M E Nunn	Transport Research Laboratory	2005	イギリス
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5177	Review of AASHTO pavement design guide performance relationships	AP-T202-12	Aguiar, G; Martin, T	Austrroads	2012-5	オーストラリア
5178	Aggregate wetting experiments and effects on recommended polymer modified binder cutter levels	AP-T208-12	Urquhart, R	Austrroads	2012-9	オーストラリア
5179	Using financial data in asset management decision-making	AP-R459-14	Naude, C; Makwasha, T	Austrroads	2014-5	オーストラリア
5180	Maximising the use of reclaimed asphalt pavement in asphalt mix design: field validation	AP-R517-16	Petho, L; Denneman, Ev	Austrroads	2016-4	オーストラリア
5181	Polymer modified binder sprayed seal trials: construction report	AP-T242-13	Patrick, S; Khoo, K Y; Neaylon, K	Austrroads	2013-7	オーストラリア
5182	Investigation of long-term ageing characterisation test methods for sprayed sealing binders	AP-T244-13	Choi, Y	Austrroads	2013-8	オーストラリア
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5184	Design and performance of foamed bitumen stabilised pavements: progress report 1	AP-T247-13	Jameson, G	Austrroads	2013-9	オーストラリア

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5187	Development of a stone mastic asphalt mix design procedure: selection of appropriate compaction equipment for the mix	AP-T250-13	Petho, L	Austrroads	2013-10	オーストラリア
5188	Prediction of flexural strength and breaking strain of cemented materials: laboratory study	AP-T251-13	Alderson, A	Austrroads	2013-10	オーストラリア
5189	Effects of polymer segregation in polymer modified binders on field performance	AP-T254-13	Urquhart, R	Austrroads	2013-10	オーストラリア
5190	Analytical study of performance models for unbound granular pavements	AP-T255-13	Bodin, D	Austrroads	2013-11	オーストラリア
5191	Probabilistic road deterioration model development	AP-T257-13	Choummanivong, L; Martin, T	Austrroads	2013-11	オーストラリア
5192	Interim road deterioration cracking model during accelerated deterioration	AP-T259-14	Choummanivong, L; Martin, T	Austrroads	2014-1	オーストラリア
5193	Austrroads asphalt deformation trial: Dandenong Road	AP-T264-14	Alderson, A	Austrroads	2014-4	オーストラリア
5194	Freight Axle Mass Limits Investigation Tool (FAMLIT) user guide	AP-T265-14	Hore-Lacy, W; Martin, T	Austrroads	2014-4	オーストラリア
5195	Austrroads LTPP and LTPPM study: summary report 2012-13	AP-T266-14	Martin, T; Choummanivong, L	Austrroads	2014-5	オーストラリア
5196	Initial field trials with surface wear rig	AP-T274-14	Patrick, S; Wright, B	Austrroads	2014-9	オーストラリア
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5198	Inspections of sprayed seal trials	AP-T277-14	Patrick, S	Austrroads	2014-10	オーストラリア
5199	Traffic speed deflectometer: data review and lessons learnt	AP-T279-14	Roberts, J; Ai, U; Toole, T; Martin, T	Austrroads	2014-10	オーストラリア
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5201	Practical application of an alternative roughness profile validation technique (Prem method)	AP-T284-14	Martin, T; Choummanivong, L; Wix, R	Austrroads	2014-12	オーストラリア
5202	Towards incorporating heavy vehicles into sprayed seal design: stage 2	AP-T292-15	NEAYLON, K	Austrroads	2015-4	オーストラリア
5203	Effect of moisture content and laboratory preparation conditions on the permanent deformation of unbound granular	AP-T287-15	Bodin, D; Kraft, J	Austrroads	2015-1	オーストラリア
5204	Development of a durability test method for sprayed sealing binders: a field validation study	AP-T298-15	Choi, Y	Austrroads	2015-7	オーストラリア
5205	Incorporating uncertainty in pavement management system (PMS) modelling: phase 1	AP-T304-16	Kadar, P; Sen, R	Austrroads	2016-1	オーストラリア
5206	High modulus high fatigue resistance asphalt (EME2) technology transfer: final report	AP-T323-17	Dias, M; Petho, L; Denneman, E; Beecroft, A	Austrroads	2017-7	オーストラリア

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5209	Benefits and risks of investing in network level deflection data collection	AP-T217-12	Martin, T	Austrroads	2012-12	オーストラリア
5210	Compaction and permeability of stone mastic asphalt in the laboratory	AP-T220-13	Alderson, A	Austrroads	2013-1	オーストラリア
5211	Development of a wheel tracking test for rut resistance characterisation of unbound granular materials	AP-T240-13	Bodin, D; Moffatt, M; Jameson, G	Austrroads	2013-5	オーストラリア
5212	Development of aspects of a design procedure for stone mastic asphalt	AP-T221-13	Alderson, A	Austrroads	2013-1	オーストラリア
5213	Development of long-term ageing test method for sprayed sealing binders	AP-T225-13	Choi, Y	Austrroads	2013-1	オーストラリア
5214	The effect of styrene butadiene styrene (SBS) morphology on field performance and test results: an initial study	AP-T197-12	Oliver, J; Khoo, K Y; Waldron, K	Austrroads	2012-2	オーストラリア
5215	Testing plan to examine the effects of multiple axle loads on asphalt fatigue using four-point beam tests	AP-T186/11	Moffatt, M; Rabe, R	Austrroads	2011-7	オーストラリア
5216	Establishing a reference aggregate for aggregate polishing tests	AP-T212-12	Urquhart, R	Austrroads	2012-10	オーストラリア
5217	Estimating the cost of accelerated road wear due to increased axle mass limits stage one: site identification	AP-T216-13	Martin, T; Choummanivong, L	Austrroads	2013-2	オーストラリア
5218	Field validation of warm mix asphalt pavements	AP-T214-12	Sharp, K; Patrick, S; Thananjeyan, A; Simpson, C	Austrroads	2012-11	オーストラリア
5219	Fourth national survey of Australian bitumens	AP-T209-12	Khoo, K Y	Austrroads	2012-9	オーストラリア
5220	Future availability and assessment of alternative surfacing binders	AP-T243-13	Urquhart, R; Malone, S	Austrroads	2013-7	オーストラリア
5221	Review of foamed bitumen stabilisation mix design methods	AP-T178/11	Leek, C; Jameson, G	Austrroads	2011-6	オーストラリア
5222	Measurement and analysis of dynamic wheel loads	AP-R406-12	Elisher, M; Trevorrow, N; Callaway, L; Blanksby, C	Austrroads	2012-5	オーストラリア
5223	Review of structural design procedures for foamed bitumen pavements	AP-T188/11	Gonzales, A	Austrroads	2011-8	オーストラリア
5224	Uncertainty of measurement estimates for Austrroads asphalt test methods	AP-T191-11	Alderson, A	Austrroads	2011-10	オーストラリア
5225	Preliminary investigation of the influence of micro-cracking on fatigue life of cemented materials	AP-T198-12	Jameson, G; Howard, A	Austrroads	2012-2	オーストラリア
5226	A proposed heavy vehicle rest area needs and prioritisation methodology	AP-R417-12	Steinmetz, L; Bradshaw, C; Tziotis, M	Austrroads	2012-10	オーストラリア
5227	National survey of bitumens: 2006 to 2012	AP-T213-12	Khoo, K Y	Austrroads	2012-10	オーストラリア
5228	The influence of compaction on the performance of dense graded asphalt	AP-T194-11	Alderson, A	Austrroads	2011-10	オーストラリア

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5230	Proposed procedures for the design of pavements on selected subgrade and lime stabilised subgrade materials	AP-R435-13	Jameson, G	Austroads	2013-5	オーストラリア
5231	Review of variability in skid resistance measurement and data management	AP-R444-13	Choi, Y	Austroads	2013-6	オーストラリア
5232	State-of-the-art traffic speed deflectometer practice	AP-T246-13	Moffatt, M; Martin, T	Austroads	2013-8	オーストラリア
5233	Effectiveness of maintenance activities on pavement conditions	AP-R566-18	Martin, T; Choummanivong, L	Austroads	2018-4	オーストラリア
5234	Guide to the selection and use of polymer modified binders and multigrade bitumens	AP-T235-13	Rebbechi, J	Austroads	2013-5	オーストラリア
5235	Guidelines and specifications for microsurfacing	AP-R569-18	Patrick, S	Austroads	2018-5	オーストラリア
5236	Effect of heavy vehicle traffic in sprayed seal design	AP-T307-16	Patrick, S; Hore-Lacy, W; Choi, Y	Austroads	2016-7	オーストラリア
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5238	Unsealed road maintenance and deterioration performance	AP-T314-16	Martin, T; Choummanivong, L	Austroads	2016-11	オーストラリア
5239	The effects of heavy vehicle single, tandem and triaxle groupings on sprayed seal wear: stage 1	AP-T207-12	Neaylon, K	Austroads	2012-9	オーストラリア
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5241	The influence of multiple-axle group loads on flexible pavement design	AP-R486-15	Moffatt, M	Austroads	2015-5	オーストラリア
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5245	Investigating key performance measures and predictions on unsealed roads: road deterioration and works effects models	AP-T289-15	Hore-Lacy, W; Thoresen, T; Martin, T	Austroads	2015-2	オーストラリア
5246	Development of a binder test to rank the low temperature cracking resistance of polymer modified binders	AP-T299-15	Urquhart, R	Austroads	2015-7	オーストラリア
5247	Review of Australasian and overseas specifications and performance tests for bitumen	AP-T308-16	Choi, Y	Austroads	2016-7	オーストラリア
5248	Selection and design of initial treatments for sprayed seal surfacings	AP-T310-16	Patrick, S	Austroads	2016-7	オーストラリア
5249	Heavy vehicle horizontal stresses and pavement surface performance	AP-T325-17	Ai, U; Sharp, K; Trevorrow, N	Austroads	2017-8	オーストラリア
5250	Austroads LTPP/LTPPM study: summary report 2016-17	AP-T332-18	Martin, T Choummanivong, L	Austroads	2018-3	オーストラリア

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5252	Analysing dynamic wheel loading and its effects on the network	AP-T297-15	Wright, B Blanksby, C	Austrroads	2015-7	オーストラリア
5253	Improved design procedures for asphalt pavements	AP-R511-16	Denneman, E; Lee, J; Dias, M; Petho, L	Austrroads	2016-3	オーストラリア
5254	Good practice in reseal programming	AP-T273-14	Toole, T Hillier, P	Austrroads	2014-9	オーストラリア
5255	Improved design procedures for asphalt pavements: outcomes for year 2 of 3	AP-T296-15	Denneman, E; Beecroft, A; Bodin, D; Griffin, J	Austrroads	2015-7	オーストラリア
5256	Design and performance of foamed bitumen stabilised pavements: progress report 3	AP-T303-15	Jameson, G	Austrroads	2015-11	オーストラリア
5257	Asphalt fatigue damage healing and endurance limits: guide implementation options	AP-T319-16	Jameson, G	Austrroads	2016-12	オーストラリア
5258	Design Manual for Low Volume Sealed Roads		Pinard, M	Ministry of Transport and Public Works, Malawi	2013-1	マラウイ(イギリス加盟国)
5259	The bitumen industry: a global perspective: production, chemistry, use, specification and occupational exposure			Asphalt Institute	2011	米国
5260	Guidance Notes on Backcalculation of Layer Moduli and Estimation of Residual Life Using Falling Weight Deflectometer Test Data	RD/GN/027A		Highways Department	2009-6	イギリス
5261	Guidance Notes on Falling Weight Deflectometer Field Survey	RD/GN/026		Highways Department	2000-8	イギリス
5262	Runway Roughness Evaluation- Boeing Bump Methodology		Michael Roginski , PE,	Boing	2012-9	米国
5263	Guidance for Usage of Permeable Pavement at Airports	178	Bruinsma, James; Smith, Kelly; Peshkin, David; Ballou, Lauren; Eisenberg, Bethany; Lurie, Carol; Costa, Mark; Ung, Cambria; Nassiri, Somayeh; Shi, Xianming; Haselbach, Liv	Transportation Research Board	2017	米国
5264	Pavement Maintenance Guidelines for General Aviation Airport Management	159	Freeman, Thomas J; Borowiec, Jeffrey D; Wilson, Bryan; Arabali, Poura; Sakhaeifar, Maryam	Transportation Research Board	2016	米国
5265	Preventive Maintenance at General Aviation Airports. Volume 1: Primer	138	Ploeger, David C; Chapman, Robert B; Peshkin, David G; Speidel, Donna J	Transportation Research Board	2015	米国
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5267	Development of non-petroleum-based binders for use in flexible pavements -- phase II	TR-650	R Christopher Williams; Joana Peralta; Ka Lai Ng Puga	Institute for Transportation	2015	米国
5268	Pavement maintenance patch trials	635	Greg Arnold; G Mudgway; O Dickin	NZ Transport Agency	2017	ニュージーランド
5269	Best Practices To Support And Improve Pavement Management Systems For Low-Volume Paved Roads-Phase I	CDOT-2018-03	Hafez, Marwan; Ksaibati, Khaled; Atadero, Rebecca	Colorado Department of Transportation	2018-2	米国
5270	Pavement Structural Evaluation at the Network Level: Final Report	HRT-15-074	Rada, Gonzalo R; Nazarian, Soheil; Visintine, Beth A; Siddharthan, Raj V; Thyagarajan,	Amec Foster Wheeler Environment & Infrastructure	2016-9	米国
5271	Pothole Prevention and Innovative Repair	2018-14	Ghosh, Debaroti; Turos, Mugur; Hartman, Marcella; Milavitz, Rose; Le, Jia-Liang; Marasteanu, Mihai	Minnesota Department of Transportation	2018-4	米国

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5273	Sinusoidal Rumble Strip Design Optimization Study	2016-23	Edward Terhaar; David Braslau; Katie Fleming	Minnesota Department of Transportation	2016-6	米国
5274	Directional Rumble Strips for Reducing Wrong-Way-Driving Freeway Entries	CTS 18-04	Zhou, Huaguo; Xue, Chennan; Yang, Lingling; Luo, Albert	Roadway Safety Institute	2018-2	米国
5275	Safety Evaluation of Centerline Plus Shoulder Rumble Strips	HRT-15-048	Craig Lyon; Bhagwant Naraine Persaud; Kimberly A Eccles	U.S. Department. of Transportation, Federal Highway Administration	2015-6	米国
5276	Stabilization of Peat Deposits for Roadway Construction and Remediation	OH-2015/22	Junliang Tao; Robert Y Liang	Ohio Department of Transportation	2015-8	米国
5277	Evaluation of Roadway Subsurface Drainage on Rural Routes	OH-2017/37	Roger Green; S M Sargand; Mary Robbins; Benjamin Jordan	Ohio Department of Transportation	2017-9	米国
5278	Best Practices and Performance Assessment for Preventive Maintenance Treatments for Virginia Pavements	16-R3	Edgar de Leon Izeppi; Akyiaa Morrison; Gerardo W Flintsch; Kevin K McGhee	Virginia Center for Transportation Innovation and Research	2015-8	米国
5279	Prevention of Stripping Under Chip Seals	RC 2017-35	David L Rettner; Derek Tompkins	Minnesota Department of Transportation	2017-10	米国
5280	Pavement design supplement: supplement to 'part 2: pavement structural design' of the Austroads guide to pavement technology			Queensland Department of Transport and Main Roads	2009-1	米国
5281	Guideline for the Design and Use of Asphalt Pavements for Colorado Roadways			Colorado asphalt pavemnt association	2006-1	米国
5282	M-E pavement design manual			Colorado Department of	2015	米国
5283	Flexible pavement design manual			Florida. Department of Transportation	2016-9	米国
5284	Refining Limiting Strain Criteria and Approximate Ranges of Maximum Thicknesses for Designing Long-Life Asphalt Pavements	15-05R	Tran, Nam; Robbins, Mary M; Timm, David H; Willis, J Richard; Rodezno, Carolina	National Center for Asphalt Technology	2016-11	米国
5285	Asphalt Paving Design Guide.			Minnesota asphalt pavemnt	2014	米国
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5287	Pavement ME Design – A Summary of Local Calibration Efforts for Flexible Pavements	17-07	Robbins, Mary M; Rodezno, Carolina; Tran, Nam; Timm, David H	National Center for Asphalt Technology	2017-8	米国
5288	Hot-Mix Asphalt Pavement Design Guide			Pennsylvania asphalt pavement association		米国
5289	South African Pavement Engineering Manua Chapter 10 Pavement Design			South african national road agency		南アフリカ共和国
5290	Pavement Design Guide		Russel W. lenz	texas department of transportation	2011-1	米国
5291	WSDOT pavement policy.		Washington (State). Department of Transportation	Washington (State). Department of Transportation	2011	米国
5292	Evaluation of Bio-Fog Sealants for Pavement Preservation	RC 2016-20	Debaroti Ghosh; Mugur Turos; Mihai Marasteanu	Minnesota Department of Transportation	2016-6	米国
5293	Development of Local Calibration Factors and Design Criteria Values for Mechanistic-Empirical Pavement Design	16-R1	Bryan Smith; Harikrishnan Nair	Virginia Center for Transportation Innovation and Research	2015-8	米国
5294	Evaluation of Long-Term Pavement Performance (LTPP) Climatic Data for Use in Mechanistic-Empirical Pavement Design Guide (MEPDG) Calibration and Other Pavement	HRT-15-019	Charles W Schwartz; Gary E Elkins; Rui Li; Beth A Visintine	United States Department of Transportation	2015-5	米国

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5296	Development of Improved Overlay Thickness Design Alternatives for Local Roads	R27-130	E Tutumluer; Priyanka Sarker	Illinois Center for Transportation	2015-7	米国
5297	Understanding Mechanistic-Empirical Pavement Design Guide (MEPDG) for North Dakota Implementation	MPC 14-274	Lu, Pan; Bratlien, Andrew; Tolliver, Denver	Upper Great Plains Transportation Institute	2014-12	米国
5298	LTBP Program's Literature Review on Weigh-in-Motion Systems	HRT 16-024	Imad Al-Qadi; Hao Wang; Yanfeng Ouyang; Kirk Grimmelsman; Jeffrey Purdy	United States Department of Transportation, Federal Highway Administration	2016-6	米国
5299	Using Falling Weight Deflectometer Data with Mechanistic-Empirical Design and Analysis, Volume I: Final Report	HRT 16-009	Smith, Kurt D; Bruinsma, James E; Wade, Monty J; Chatti, Karim; Vandenbossche, Julie M; Yu, H Thomas	Applied Pavement Technology, Incorporated	2017-3	米国
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5301	Using Falling Weight Deflectometer Data with Mechanistic-Empirical Design and Analysis, Volume III: Guidelines for Deflection Testing, Analysis, and Interpretation	HRT 16-011	Pierce, Linda M; Bruinsma, James E; Smith, Kurt D; Wade, Monty J; Chatti, Karim; Vandenbossche, Julie M	Applied Pavement Technology, Incorporated	2017-12	米国
5302	Comparing the Volumetric and Mechanical Properties of Laboratory and Field Specimens of Asphalt Concrete	818	Louay N Mohammad; Mostafa Elseifi; Samuel B Cooper	Transportation Research Board	2016	米国
5303	Comprehensive Field Evaluation of Asphalt Patching Methods and Development of Simple Decision Trees and a Best Practices Manual	2017-25	Dailey, Jay; Dave, Eshan V; Barman, Manik; Kostick, Robert D	Minnesota Department of Transportation	2017-6	米国
5304	Test Procedure for Validation of Automated Distress Data	0-6835-1	Wimsatt, Andrew	Texas A&M Transportation Institute, College Station	2017-2	米国
5305	Flexible Pavement Narrow Widening Best Practices and Lessons Learned	0-6748-2	Burton, Maria; Kim, MooYeon; Smit, Andre; Trevino, Manuel; Wu, Hui; Murphy, Mike; Prozzi, Jorge	University of Texas, Austin	2013-11	米国
5306	Comparison of Pelletized Lime with Other Anti-Stripping Additives	SPR 732	David Trejo; Frank Porter; Jiaming Chen; Hyun Woo Lee	The Kiewit Center for Infrastructure and Transportation, Oregon State University,	2014-5	米国
5307	New Generation Mix-Designs: Laboratory Testing and Construction of the APT Test Sections	0-6132-1	Walubita, Lubinda F; Umashankar, Vivekram; Hu, Xiaodi; Jamison, Brandon; Zhou, Fujie; Scullion, Tom; Martin, Amy Epps; Dessouky,	Texas Transportation Institute	2010-3	米国
5308	The Overlay Tester: A Sensitivity Study to Improve Repeatability and Minimize Variability in the Test Results	0-6607-1	Walubita, Lubinda F; Faruk, Abu N; Das, Gautam; Tanvir, Hossain A; Zhang, Jun;	Texas Transportation Institute	2012-2	米国
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5311	Overlay Tester: A Rapid Performance Related Crack Resistance Test	0-4467-2	Fujie Zhou; Thomas Scullion	Texas Transportation Institute	2005-3	米国
5312	Evaluation of cracking resistance of Superpave mixtures in Kansas		Syeda Rubaiyat Aziz	Kansas State University	2013	米国

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5314	At the Crossroads. Preserving Our Highway Investment		ODoherty, John	National Center for Pavement Preservation	2007	米国
5315	Asset Management in Planning and Operations: A Peer	E-C076	Patricia G Hendren	Transportation Research Board	2005-6	米国
5316	FHWA asset management position paper: white paper		Cambridge Systematics	Federal Highway Administration	2004-4	米国
5317	Improving FHWA's ability to assess highway infrastructure health pilot study report addendum : rutting bias investigation		Amy L Simpson; Gonzalo R Rada; Beth A Visintine; Jonathan L Groeger;	Federal Highway Administration	2013-4	米国
5318	Development of the next generation pavement performance measure detailed work plan		Rada, Gonzalo R Groeger J L	United States Department of Transportation, Federal Highway Administration	2012-10	米国
5319	Integrating asset management into the metropolitan planning process : a peer exchange		Parsons Brinckerhoff.	Federal Highway Administration	2006-11	米国
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5321	Long-Term Pavement Performance Ancillary Information Management System (AIMS) Reference Guide	HRT 12-058	Gary E Elkins; Barbara Ostrom; Beth Visintine; Jonathan Groeger	AMEC Engineering and Infrastructure, Inc.; United States. Federal Highway Administration	2012-11	米国
5322	Managing pavements and monitoring performance : best practices in Australia, Europe, and New Zealand	PL-12-031	International Scanning Study Team	Office of International Programs	2012-8	米国
5323	Life-Cycle Assessment of 2012 NCAT Pavement Test Track Green Group Mixtures	NCAT 14-02	Willis, J Richard	National Center for Asphalt Technology	2014-3	米国
5324	Life Cycle Cost Analysis for Pavement Type Selection	SC 08-01	Prasada Rao Rangaraju; Serji N Amirkhanian; Zeynep Guven	South Carolina Dept. of Transportation	2008-4	米国
5325	Transportation Asset Management Guide	20-24 (11)	Paul D Thompson	American Association of State Highway and Transportation Officials	2002-11	米国
5326	AASHTO transportation asset management guide : a focus on implementation : executive summary.		Federal Highway Administration	American Association of State Highway and Transportation Officials	2013-6	米国
5327	Best Practices for Construction and Repair of Bridge Approaches and Departures	BDV25-977-31	Qing Lu; Mingyang Li; Manjriker Gunaratne; Chunfu Xin	Florida Department of Transportation	2018-3	米国
5328	Design and Performance of Cost-Effective Ultra High Performance Concrete for Bridge Deck Overlays	cmr 18-006	Kamal H Khayat; Mahdi Valipour;	Missouri Department of Transportation	2018-4	米国
5329	Bridge Waterproofing Details - Phase 2	PA-2017-002-PIT WO 5	Yu, Qiang	Pennsylvania Department of Transportation	2017-6	米国
5330	Nondestructive Evaluation of MoDOT Bridge Decks - Pilot Study		Sneed, Lesley; Anderson, Neil; Torgashov, Evgeniy	Missouri University of Science and Technology,	2014-3	米国
5331	Evaluation of Bridge Deck Sealers	CDOT-2014-6	Yu-chang Liang; Benjamin Gallaher; Yunping Xi	Colorado Department of Transportation, Applied Research and Innovation Branch	2014-6	米国
5332	Improving Mixture Durability Through Design Gyrations, Air Voids, and Binder Content	VTRC 16-R17	Samer Katicha; Gerardo W Flintsch	Virginia Transportation Research Council	2016-4	米国
5333	Validation of Gyratory Mix Design in Iowa	TR-667	R Christopher Williams; Ashley Buss; Hosin Lee	Iowa Asphalt Materials and Pavements Program	2016-7	米国
5334	Enhanced Compaction to Improve Durability and Extend Pavement Service Life: A Literature Review	16-02	Tran, Nam; Turner, Pamela; Shambley, James	National Center for Asphalt Technology	2016-4	米国

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5337	Investigation of Performance Requirements of Full-Depth Reclamation Stabilization	RC 2016-09	Jia-Liang Le; Mihai Marasteanu	Minnesota Department of Transportation	2016-3	米国
5338	Chip seal performance measures--best practices	WA-RD, 841.1.	Linda M Pierce; Nathan Kebede	Washington State Department of Transportation	2015-3	米国
5339	Evaluation of Tack Coat Materials on Longitudinal Joints in Louisiana	LA.07/577	Samuel B Cooper, Louay N Mohammad	Louisiana Transportation Research Center	2018-2	米国
5340	Evaluation of asphalt pavement interface conditions for enhanced bond performance	BDV31-977-37	Reynaldo Roque, David Hernando, Bongsuk Park, Jian Zou, Jeremy A M Waisome	Florida Department of Transportation	2017-5	米国
5341	Evaluation of dynamic shear rheometer tests for emulsions.	11-2B	Nazimuddin M Wasiuddin, Saeid S Ashani, M Readul Islam	Louisiana Transportation Research Center	2014-12	米国
5342	Base Stabilization Guidance and Additive Selection for Pavement Design and Rehabilitation	RC-2017RIC02	Daniel E Wegman, Mohammadreza Sabouri, Joe Korzilius, Renae Kuehl, Braun Intertec	Minnesota Department of Transportation, Research Services Section	2017-12	米国
5343	Tack coat specifications, materials, and construction practices		Danny Gierhart; David R Johnson	Transportation Research Board,	2018	米国
5344	A guide to airfield pavement design and evaluation	27	Construction support team defence estates	Ministry of defence	2011-2	米国
5345	Concrete block paving for airfields	35	Construction support team defence estates	Ministry of defence	2005-4	米国
5346	Evaluation of International Friction Index and High-Friction Surfaces		Roa, Julio Alberto		2008-12	米国
5347	Heavy duty pavements: the structural design of heavy duty pavements for ports and other industries 4th		Interpave, John Knapton	Leicester Interpave	2008-12	米国
5348	Guidelines for the use of interlocking concrete block pavement			The Indian Roads Congress	2004	インド
5349	Field Evaluation of Automated Distress Measuring Equipment	TX-14/0-6663-2	Serigos, Pedro A; Burton, Maria; Smit, Andre; Prozzi, Jorge A; Murphy, Mike R	Center for Transportation Research	2014-8	米国
5350	Road pavement design guide july 2000				2000-7	イギリス
5351	Assessment of an Incentive-Only Ride Specification for Asphalt Pavements	16-R2	Harikrishnan Nair, Kevin K McGhee, Affan Habib, Sameer Shetty	Virginia Center for Transportation Innovation and Research	2015-9	米国
5352	Best Practices for Achieving and Measuring Pavement Smoothness, A Synthesis of State-of-Practice	LA.14/550	David K Merritt, George K Chang, Jennifer L Rutledge	Louisiana Transportation Research Center,	2015-3	米国
5353	Implementation of an International Roughness Index for Mn/DOT Pavement Construction and Rehabilitation	RC-2007-09	W James Wilde	Minnesota Department of Transportation	2007-4	米国
5354	Line Laser and Triple Laser Quantification of the Difference in International Roughness Index Between Textured and Non-Textured Strips	RC-2017-28	Bernard Igbafen Izevbekhai, Hyung Jun Ahn	Minnesota Department of Transportation	2017-6	米国
5355	Inertial and Inclinator Based Profiler Repeatability and Accuracy Using the IRI Model	RD-13-03	Michael J Olson, Abby Chin	Oregon Department of Transportation	2012-12	米国
5356	FWD calibration center and operational improvements : redevelopment of the calibration protocol and equipment	HRT-07-040	Lynne H Irwin, David P Orr, Daniel Atkins	Dept. of Transportation, Federal Highway Administration,	2011-10	米国
5357	Pavement Life-Cycle Assessment Framework	HIF-16-014	Harvey, John T; Meijer, Joep; Ozer, Hasan; Al-Qadi, Imad L; Saboori, Arash; Kendall,	Applied Pavement Technology, Incorporated	2016-7	米国
5358	Evaluation of Approaches to Improve Longitudinal Joints in Mississippi Overlay Projects	RD-15-250	Cox, Ben C; Howard, Isaac L; Ivy, Joe	Mississippi State University, Mississippi State	2015-12	米国

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5360	Mitigation Strategies of Reflection Cracking of Pavement	LA.14/54 1	Mostafa Elseifi; Nirmal Dhakal	Louisiana : Louisiana Transportation Research Center	2015-5	米国
5361	Review of joint repair techniques for thin surface course systems	PPR708	Jones, Colin Reeves, Sarah	TRL Limited	2014-9	英国
5362	Premature Asphalt Concrete Pavement Cracking	FHWA-OR-RD-15-16	R. Christopher Williams, Professor	Oregon Dept. of Transportation Research Section and Federal Highway Admin.	2015-6	米国
5363	A statistical analysis of factors associated with driver-perceived road roughness on urban highways	WA-RD 538.1	Kevan Shafizadeh, Fred Mannering, Linda Pierce	Research Office Washington State Department of Transportation Transportation Building	2002-6	米国
5364	Hot Mix Asphalt Surface Characteristics Related to Ride, Texture, Friction, Noise and Durability	MN/RC 2014-07	Tyler Dare, Rebecca McDaniel, Ayesha Shah and Robert Bernhard	Minnesota Department of Transportation Research Services & Library	2014-2	米国
5365	Evaluation of Long-Term Pavement Performance and Noise Characteristics of Open-Graded Friction Courses - Project 3 - Final Report	WA-RD 749.2	Keith Anderson, Jeff S. Uhlmeier, Tim Sexton, Mark Russell, and Jim Weston	Washington State Department of Transportation Transportation Building	2013-7	米国
5366	Evaluation of Long-Term Pavement Performance and Noise Characteristics of Open-Graded Friction Courses - Project 2	WA-RD 691.1	Keith W. Anderson, Linda M. Pierce, Jeff S. Uhlmeier, and Jim Weston	Washington State Department of Transportation Transportation Building	2012-6	米国
5367	Quiet Pavement Systems in Europe	FHWA-PL-05-011	David Gibbs, Randell Iwasaki, Robert Bernhard, James Bledsoe, Douglas Carlson, Christopher Corbisier, Kenneth Fults, Thomas Hearne, Jr., Kevin McMullen, David Newcomb, John Roberts, Judith Rochat, Larry Scofield, Mark Swanlund	Office of International Programs Office of Policy Federal Highway Administration U.S. Department of Transportation American Association of State Highway and Transportation Officials	2005-5	米国
5368	Quiet pavement technologies		Working group of the sub-committee D2a	World Road Association (PIARC)	2013-8	仏国
5369	Rumble Strip Noise Evaluation	MN/RC 2015-07	Edward Terhaar, David Braslau	Minnesota Department of Transportation Research Services & Library	2015-2	米国
5370	Tire/Pavement Noise Study	NCAT Report 04-02	Douglas I. Hanson Robert S. James Christopher NeSmit	Federal Highway Administration	2004-8	米国
5371	Use of High Friction Surface for Highway Noise Reduct	KS-18-01	Ethan Linden Mason Stewart ,Sterling Embers ,Suwan Cho ,Kevin Wanklyn	Kansas. Dept. of Transportation. Bureau of Research	2018-5	米国
5372	A Mechanistic Design Approach for Graphite Nanoplatelet (GNP) Reinforced Asphalt Mixtures for Low-Temperature Applications	MN/RC 2018-02	Jia-Liang Le, Mihai Marasteanu, Rebecca Hendrickson	Minnesota Department of Transportation Research Services & Library	2018-2	米国
5373	Distress Identification Manual for the Long-Term Pavement Performance program	FHWA-RD-03-031	John S. Miller and William Y. Bellinger	Office of Infrastructure Research and Development Federal Highway Administration	2003-6	米国
5374	LTPP Data Analysis: Effectiveness of Maintenance and Rehabilitation Options		Kathleen T. Hall Carlos E. Correa Amy L. Simpson	American Association of State Highway and Transportation Officials (AASHTO), in cooperation with the Federal Highway Administration,	2002-6	米国

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5377	LTPP Manual for Profile Measurements Operational Field Guidelines Version 3.1		Perera, R.W., Kohn, S.D. Rada, G.R.	Pavement Performance Division Federal Highway	1999-1	米国
5378	LTPP Manual for Profile Measurements and Processing	FHWA-HRT-08-056	R.W. Perera, S.D. Kohn, G.R. Rada	Pavement Performance Division Federal Highway Administration	2008-11	米国
5379	Long-Term Pavement Performance Information Management System: Pavement Performance Database User Reference Guide	FHWA-RD-03-088	Gary E. Elkins, Peter Schmalzer, Travis Thompson, Amy Simpson, Barbara Ostrom	Office of Infrastructure Research and Development Federal Highway Administration	2011-11	米国
5380	Life cycle inventory: Bitumen		The European Bitumen Association	the European Bitumen Association	2012-7	ベルギー
5381	Comprehensive Evaluation of Pavement Maintenance Activities Applied to Colorado Low-Volume Paved Roads-	CDOT-2018-04	Marwan Hafez, Khaled Ksaibati, Rebecca Atadero	Colorado Department of Transportation - Research	2018-2	米国
5382	Evaluation of I-FIT Results and Machine Variability using MnRoad Test Track Mixtures	FHWA-ICT-17-012	Hasan Ozer, Imad L. Al-Qadi, Edoardo Barber, Egemen Okte, Zehui Zhu, Shenghua Wu	Illinois Department of Transportation (SPR) Bureau of Material and Physical Research	2017-6	米国
5383	Development of a Semicircular Bend (SCB) Test Method for Performance Testing of Nebraska Asphalt Mixtures	SPR-P1(15) MPMC07	Gabriel Nsengiyumva, Yong-Rak Kim and Taesun You	Nebraska Department of Roads (NDOR)	2015-12	米国
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5385	Development of a Sprayed Seal Binder Cracking Test	AP-T326-17	Robert Urquhart	Autoroads	2017-9	オーストラリア
5386	Asphalt Mixture Performance Characterization Using Small-Scale Cylindrical Specimens	VCTIR 15-R26	Brian K. Diefenderfer, Benjamin F. Bowers, Stacey D.	Virginia Department of Transportation	2015-6	米国
5387	Evaluation of Highly Polymer-Modified Asphalt Mixtures: Phase I	FHWA/VTRC18-	Benjamin F. Bowers, Brian K. Diefenderfer, Stacey D.	Virginia Department of Transportation	2018-5	米国
5388	Cold Temperature Creep Compliance and Strength of Missouri Hot Mix Asphalt (HMA) Mixtures Using Indirect Tensile Test	cmr 17-014	Steven Michael Lusher	Missouri Department of Transportation (SPR) Construction and Materials Division	2017-10	米国
5389	Long-Term Aging of Asphalt Mixtures for Performance Testing and Prediction		National Academies Press	National Academies Press	2018	米国
5390	Development of Pavement Performance Prediction Models for Preservation Treatments: Volume 2	FHWA ICT-18-003	Hasan Ozer, Mojtaba Ziyadi, Ahmed Faheem	Illinois Department of Transportation (SPR) Bureau of Research	2018-4	米国
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5393	Case Studieson Successful Utilization of Reclaimed Asphalt Pavement and Recycled Asphalt Shinglesin Asphalt	FHWA-	Randy C. West, J. Richard Willis	Federal Highway Administration Office of Pavement Technology(HIPT-- -10)	2014-7	米国
5394	Development of Quality Standards for Inclusion of High Recycled Asphalt Pavement Content in Asphalt Mixtures – Phase II	TR-658	Hosin “David” Lee, Clint Van Winkle, Russell Carlson, Ali Mokhtari, Taha Ahmed, Haena Kim, Sheng Tang, Chris Williams	Iowa Highway Research BoardIowa Department of Transportation	2015-3	米国
5395	Modeling the Performance Properties of RAS and RAP Blended Asphalt Mixes Using Chemical Compositional Information	FHWA-ICT-17-001	Brajendra K. Sharma, Jing Ma, Bidhya Kunwar, Punit Singhvi, Hasan Ozer, N. Rajagopalan	Illinois Department of Transportation (SPR) Bureau of Materials and Physical Research	2017-1	米国
5396	Long-Term Aging of Recycled Binders		Hesham Ali, Mojtaba Mohammadafzali	Florida Department of Transportation	2015-7	米国
5397	Application of Reclaimed Asphalt Pavement and Recycled Asphalt Shingles in Hot-Mix AsphaltNational and International Perspectives on Current Practice		Transportation Research Board	General Issues in Asphalt Technology Committee Characteristics of Asphalt Materials Committee Characteristics of Nonasphalt Components of Asphalt Paving Mixtures Committee Transportation Research Board	2014-10	米国
5398	Optimizing Cold In-Place Recycling (CIR) Applications Through Fracture Energy Performance Testing	MN/RC 2016-21	Local Road Research BoardMinnesota Department of TransportationResearch Services & Library	Local Road Research BoardMinnesota Department of TransportationResearch Services &	2016-6	米国
5399	Reflective Crack Mitigation Guide for Flexible Pavements	IHRB Project TR-641	R. Christopher Williams, Can Chen,andAshley B	Iowa Highway Research BoardIowa Department of Transportation	2015-9	米国
5400	Design and Construction of Ultra Thin Overlays as an Alternative to Seal Coats	FHWA/T X-18/0-6857-1	Ramez Hajj, Angelo Filonzi, Amit Bhasin, Aliasghar Dormohammadi, Cheng Zhu, Vivek Tandon	Texas Department of Transportation Research and Technology Implementation Office	2018-3	米国
5401	International Center for Partnered Pavement Preservation (ICP3): First Year Progress Report 5. Report Date August 2015; Published June 2016	FHWA/T X-16/0-6878-1	Jorge A Prozzi, Andre Smit, Pedro Serigos, Sareh Kouchaki	Texas Department of Transportation Research and Technology Implementation Office	2016-6	米国
5402	Evaluation of design and construction issues of thin HMA overlays	FHWA/T X-15/0-6742-1	Bryan Wilson, Tom Scullion,andAbu Faruk	Texas Department of TransportationResearch and Technology Implementation Office	2015-4	米国
5403	Optimising Road Maintenance		Mark O. HARVEY	Bureau of Infrastructure, Transport and Regional Economics (BITRE) Department of Infrastructure and Transport	2012-12	オーストラリア
5404	Slurry Seal / Micro-Surface Mix Design Procedure Contract 65A0151		Fugro-Bre/Fugro South, LP	Fugro-Bre/Fugro South, LP	2004-3	米国
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5406	Pavement Preservation: Practices, Research Plans and Initiatives ; Final Report		D.G. Peshkin and T.E. Hoerner Applied Pavement Technology, iInc.	D.G. Peshkin and T.E. Hoerner Applied Pavement Technology, iInc.	2005-1	米国

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5408	Optimal Timing of Preventive Maintenance for Addressing Environmental Aging in Hot-Mix Asphalt Pavements	MN/RC 2014-45	R. Michael Anderson, Phillip B. Blankenship, Alireza Zeinali, Gayle N. King, Douglas I. Hanson	Minnesota Department of Transportation Research Services & Library	2014-12	米国
5409	Materials and procedures for repair of potholes in asphalt-surfaced pavements--manual of practice	FHWA-RD-99-168	T.P. Wilson, A.R. Romine	Office of Infrastructure Research and Development October 1993 - June 1999 Federal Highway Administration		米国
5410	Evaluation of winter pothole patching methods	FHWA/OH-2014/2	Munir D. Nazzal, Sang-Soo Kim, and Ala R. Abbas	Ohio Department of Transportation	2014-1	米国
5411	The Use of Polymer Modified Asphalt Binder for High Friction Thin Lift Overlays in Connecticut ; Final Report	OT-2268-F-	Scott Zinke, James Mahoney	Connecticut Department of Transportation	2014-7	米国
5412	Development of Small Specimen Geometry for Asphalt Mixture Performance Testing Final Report	NCHRP IDEA Project 181	Cassie Castorena North Carolina State University	Cassie Castorena North Carolina State University	2017-9	米国
5413	Assessment of Continuous Deflection Measurement Devices in Louisiana - Rolling Wheel Deflectometer	FHWA/LA .17/581	Mostafa A. Elseifi, Omar Elbagalati	Louisiana Department of Transportation and Development	2017-9	米国
5414	Evaluation of Florida asphalt mixes for crack resistance properties using the laboratory overlay test procedure	FDOT BDV30 TWO 977-06	Biqing Sheng; Wei-Chou Virgil Ping	Florida. Department of Transportation. Research Center	2016-1	米国
5415	Utilizing lab tests to predict asphalt concrete overlay performance	FHWA-ICT-17-020	Imad L. Al-Qadi, David L. Lippert, Shenghua Wu, Hasan Ozer, Greg Renshaw, Timothy R. Murphy, Abbas Butt, Satish Gundapuneni, James S. Trepanier, Joseph W. Vespa, Izak M. Said, Arturo F. Espinoza Luque, Fazal R. Safi	Illinois Department of Transportation (SPR) Bureau of Research	2017-12	米国
5416	Review of Road User Costs and Methods		Xiao Qin; Chase E Cutler	Mountain-Plains Consortium	2013-7	米国
5417	Performance of Foamed Warm Mix Asphalt In Virginia Over Four to Six Years	FHWA/V TRC18-	Stacey D. Diefenderfer	Virginia Department of Transportation ; Federal Highway Administration	2017-8	米国
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5419	Regional Implementation of Warm Mix Asphalt	FHWA/LA .14/534	Clark Graves	Louisiana Department of Transportation and Development	2014-9	米国
5420	Evaluation of low temperature cracking resistance of WMA	FHWA/OH-	Sang Soo Kim, Munir D Nazzal, Ala R Abbas, Moses Akentuna, Mir Shahnewaz Arefin	Ohio Department of Transportation	2015-5	米国
5421	Evaluation of the Performance of Warm Mix Asphalt in Washington State	WA-RD 789.1	Nathan Bower, Haifang Wen, Kim Willoughby, Jim Weston, Joe DeVol	Washington State Department of Transportation	2012-10	米国
5422	Warm-Mix asphalt: european Practice	FHWA-PL-08-007	John D'Angelo	Federal Highway Administration	2008-1	米国
5423	Short-Term Performance of Modified Stone Matrix Asphalt (SMA) Produced with Warm Mix Additives	ICT-12-001	Imad L. Al-Qadi, Jongeun Baek, Zhen Leng, Hao Wang, Matthew Doyen, Jeff Kern, Steven L. Gillen	Illinois Tollway	2012-1	米国

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5425	International Experience and Perspective of Pavement Texture Measurements and Evaluation	E-C216	Brian L. Schleppi Magdy Y. Mikhail George K. Chang	tanding Committee on Pavement Surface Properties and Vehicle Interaction	2016-11	米国
5426	High Friction Surface Treatments Supplement	TRS 1802S	CTC & Associates LLC	CTC & Associates LLC	2018-3	米国
5427	Implementation of AIMS in Measuring Aggregate Resistance to Polishing, Abrasion, and Breakage	FHWA-ICT-14-014	Enad Mahmoud, Eduardo Ortiz	Illinois Department of Transportation Bureau of Materials and Physical Research	2014-5	米国
5428	Application of imaging techniques to evaluate polishing characteristics of aggregates ; final report	BDV31-977-28	Reynaldo Roque, Abolfazl Ravanshad, Sanghyun Chun	Florida Department of Transportation Research Management Center	2016-12	米国
5429	Evaluation of Pavement Safety Performance	FHWA-HRT-14-065	David K. Merritt, Craig A. Lyon, Bhagwant N. Persaud	U.S. Department of Transportation Federal Highway Administration	2015-2	米国
5430	The effect of road roughness (and test speed) on GripTester measurements		DJ Wilson, W Chan	Wellington, New Zealand : NZ Transport Agency	2013	ニュージーランド
5431	Quantitative Relationship between Crash Risks and Pavement Skid Resistance	FHWA/TX-13/0-6713-1	Kan Long, Hui Wu, Zhanmin Zhang, Mike Murphy	Texas Department of Transportation Research and Technology Implementation Office	2014-5	米国
5432	The Use of Phosphoric Acid to Stiffen Hot Mix Asphalt Binders	FHWA-HRT-14-086	Terence Stanley Arnold CChem FRIC	Office of Infrastructure Research and Development Federal Highway Administration	2014-11	米国
5433	Evaluation of a Rubber-Modified Mixture in Alabama	NCAT Report 14-03	J. Richard Willis Carolina Rodezno Adam Taylor Nam Tran	Alabama Department of Transportation	2014-6	米国
5434	Ground Tire Rubber as a Stabilizer for Subgrade Soils DRAFT Final Report	BDK81-977-03	P. J. Cosentino, A. M. Bleakley, A. T. Armstrong, A.M. Sajjadi, T. J. Misilo	Florida Department of Transportation	2014-5	米国
5435	Intelligent Compaction Data Guideline	MN/RC-2011-01-	George Chang, Qinwu Xu, Jason Dick, Jennifer Rutledge	Transtec Group Inc.	2013-5	米国
5436	Accelerated Implementation of Intelligent Compaction Technology for Embankment Subgrade Soils, Aggregate Base, And Asphalt Pavement Materials ; Final Report	FHWA-IF-12-002	George Chang, Qinwu Xu, and Jennifer Rutledge of the Transtec Group; Bob Horan of Asphalt Institute; Larry Michael of LLM Asphalt Technology Consultant; and David White and Pavana Vennapusa of Iowa State	The Transtec Group, Inc.	2011-7	米国
5437	Report of 3rd workshop for technology transfer for intelligent compaction consortium	Intrans Project 10-395	David J. White, Pavana K.R.Vennapusa	Center for Earthworks Engineering Iowa State University	2015-3	米国
5438	Improving the Properties of Reclaimed Asphalt Pavement for Roadway Base Applications	FL/DOT/BDK81 97702	P. J. Cosentino, E. H. Kalajian, A. M. Bleakley, B. S. Diouf, T. J. Misilo, A. J. Petersen, R. E. Krajcik, A.M. Sajjadi	Florida Department of Transportation	2012-8	米国
5439	Guidelines for Informing Decisionmaking to Affect Pavement Performance Measures: Final Report	FHWA-HRT-17-090	Beth A. Visintine, Gonzalo R. Rada, Amy L. Simpson	Office of Infrastructure Research and Development Federal Highway Administration	2018-2	米国

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5440	Construction and performance monitoring of various asphalt mixes in Illinois ; 2016 interim report	FHWA-ICT-17-003	David L. Lippert, Shenghua Wu, Hasan Ozer, Imad L. Al-Qadi, James F. Meister, Greg Renshaw, Maxwell K. Barry, Izak M. Said, Arturo F. Espinoza Luque, and Fazal R. Safim, Timothy R. Murphy, Murphy James S. Trepanier, Joseph W. Vespa	Illinois Department of Transportation	2017-2	米国
5441	National Performance-based Asphalt Specification Framework	AP-T331-18	Austroroads	Austroroads	2018-2	米国
5442	Evaluation of Recycled Aggregates Test Section Performance	MN/RC 2017-06	Farhad Reza, W. James Wilde	Minnesota Department of Transportation Research Services & Library	2017-6	米国
5443	Using Multi-Objective Optimization to Enhance Calibration of Performance Models in the Mechanistic-Empirical Pavement Design Guide	FHWA-HRT-17-104	Nima Kargah-Ostadi, Jose Rafael Menendez, Mina Zhou	Federal Highway Administration Office of Research, Development, and Technology Turner-Fairbank Highway Research Center	2018-6	米国
5444	Quieter Pavement: Acoustic Measurement and Performance	CTHWAN P-RT-18-	Dana Lodico, Paul Donovan, David Buehler	California Department of Transportation Division of Environmental Analysis	2018-2	米国
5445	OBSI Testing		Erwin Kohler	Erwin Kohler, PhD		米国
5446	Porous Asphalt Pavement Performance in Cold Regions	MN/RC 2012-12	Matthew A. Lebens, Brett Troyer	Minnesota Department of Transportation Research Services	2014-4	米国
5447	Performance of open graded porous asphalt in New Zealand	455	E Fletcher and AJ Theron MWH New Zealand Ltd, Hamilton	NZ Transport Agency research	2011-10	ニュージーランド
5448	Synthesis of Current Research on Permeable Friction Courses: Performance, Design, Construction, and maintenance	FHWA/T X-10/0-5836-1	Kai-Wei Liu, Alex E. Alvarez, Amy Epps Martin, Terry Dossey, André Smit, Cindy K. Estakhri	Texas Department of Transportation Research and Technology Implementation Office	2010-9	米国
5449	Evaluation of Open-Graded Friction Courses: Construction, Maintenance, and Performance	FHWA-SC-12-04	B.J. Putman	South Carolina Department of Transportation Office of Materials and Research	201-10	米国
5450	Design, Construction, and Maintenance of Open-Graded Asphalt Friction Courses	115	National Asphalt Pavement Association	National Asphalt Pavement Association	2002-5	米国
5451	Understanding Mechanisms of Raveling to Extend Open Graded Friction Course (OGFC) Service Life	BDR74-977-04	Edith Arámbula-Mercado, Ryan A. Hill, Silvia Caro, Laura Manrique, Eun Sug Park, Emmanuel Fernando	Florida Department of Transportation	2013-3	米国
5452	Guidelines on Construction and Maintenance of Porous Friction Courses in Texas	FHWA/T X-08/0-5262-2	Cindy K. Estakhri, Alex E. Alvarez, Amy Epps Martin	Texas Department of Transportation Research and Technology Implementation Office	2008-2	米国
5453	Relationship of Air Voids, Lift Thickness, and Permeability in Hot Mix Asphalt Pavements		E. Ray Brown, M. Rosli Hainin, Allen Cooley, Graham Hurley	Transportation Research Board	2004	米国
5454	Synthesis of Current Practice on the Design, Construction, and Maintenance of Porous Friction Courses	FHWA/T X-06/0-5262-1	Alex E. Alvarez, Amy Epps Martin, Cindy K. Estakhri, Joe W. Button, Charles J. Glover, Sung Hoon Jung	Texas Department of Transportation Research and Technology Implementation Office	2006-7	米国
5455	Material Selection Guidance for Asphalt Pavement Design	NCAT Report 18-01	Carolina Rodezno, David H. Timm, Mary Robbins, Nam Tran	National Center for Asphalt Technology	2018-6	米国

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5456	Mechanistic-Empirical (M-E) Design Implementation & Monitoring for Flexible Pavements: 2018 PROJECT SUMMARY	FHWA-ICT-18-008	Marshall R. Thompson, David L. Lippert	Illinois Department of Transportation (SPR)Bureau of Research	2018-6	米国
5457	Optimization of Asphalt Mixture Design for Louisiana ALF Test Sections	FHWA/LA-07/422	Louay N. Mohammad, Khalid Alshamsi, Shadi Saadeh	Louisiana Department of Transportation and Development	2018-5	米国
5458	Ultra-Thin Bonded Wearing Course (UTBWC) Snow, Ice, and Wind Effects	TRS 1804	Minnesota. Dept. of Transportation. Research Services & Library	Minnesota. Dept. of Transportation. Research Services & Library	2018-6	米国
5459	Pavement Surface Treatments for Ice-Prone Locations in the Illinois HighwaySystem	FHWA-ICT-18-017	Michelle Akin, Yan Zhang, Xianming Shi	Illinois Department of Transportation (SPR)Bureau of Research	2018-11	米国
5460	Proposed Performance-Prediction Equations and Threshold Triggers for Thin-Overlay Treatments Using the Long-Term Pavement Performance Database	FHWA-HRT-17-111	Michael D. Elwardany, Kangjin Lee, Jung Hwa Lee, Coleman Brown, Cassie Castorena, and Y. Richard Kim	Office of Infrastructure Research and DevelopmentFederal Highway Administration	2018-9	米国
5461	Test Program for the FAA Accelerated Wheel Load Test Facility to Develop Specifications for Reclaimed Asphalt Materials in New Asphalt Concrete Used on Airfield Pavements	DOT/FAA/TC-18/27	M.Z. Alavi, D. Jones, P. Chavez, J. Harvey	U.S. Department of Transportation Federal Aviation Administration Aviation Research Division Airport Technology R&D Branch Atlantic City International Airport	2018-7	米国
5462	Laboratory Performance Testing of Warm-Mix Asphalt Mixtures for Airport Pavements	DOT/FAA/TC-18/26	Mariely Mejías-Santiago, John F. Rushing	U.S. Department of Transportation Federal Aviation Administration Air Traffic Organization Operations Planning Office of Aviation Research and Development	2018-7	米国
5463	Relationships of Laboratory Mixture Aging to Asphalt Mixture Performance	E-C234	Jo Sias Daniel, Fan Yin, Amy Epps Martin, Edith Arámbula-Mercado, David Newcomb, Jean Pascal Planche, Adam Pauli, Mike Farrar, Shin-Chi Huang, Gerald Reinke, Andrew Hanz	Transportation Research Board	2018-8	米国
5464	Visual Analysis of Pavement Performance and Related Factors		Cynthia Corritore, Nalini Govindarajulu	Midwest Transportation Center, U.S. Department of Transportation Office of the Assistant Secretary for Research and Technology	2018-7	米国
5465	Calculation of Local Equilibrium Correction Factors for the 2017 skid resistance surveys	PPR862	Highways England, SES	TRL Limited	2018-6	イギリス
5466	Phase V (2012-2014) NCAT Test Track Findings	NCAT Report 16-04	Randy West, David Timm, Buzz Powell, Michael Heitzman, Nam Tran, LEED GA, MBACarolina Rodezno, Don Watson, Fabricio Leiva, Adriana Vargas, Richard Willis, Michael	National Center for Asphalt Technology	2018-8	米国
5467	Permeable Pavement Road Map Workshop and Proposed Road Map for Permeable Pavement	UCPRC-RR-2018-01	John Harvey, David R. Smit	Interlocking Concrete Pavement Institute, National Asphalt Pavement Association, National Ready Mixed Concrete Association, Tongji University Sponge City Project	2018-8	米国
5468	Performance-based mix design of porous friction courses	877	Donald E Watson; Nam H Tran; Carolina Rodezno; Adam J Taylor; Tommy M James, Jr.	Transportation Research Board	2018	米国

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5469	Performance and Life-Cycle Cost Benefits of Stone Matrix Asphalt	NCAT Report 18-03	Fan Yin, Randy C. West	National Center for Asphalt Technology	2018-8	米国
5470	Evaluation of Warm Mix Asphalt Technology in Flexible Pavements	FHWA/LA .15/553	Louay Mohammad, Amar Raghavendra, Marcelo Medeiros, Jr., Marwa Hassan, William "Bill" King, Jr.	Louisiana Department of Transportation and Development	2018-6	米国
5471	Characterizing Existing Asphalt Concrete Layer Damage for Mechanistic Pavement Rehabilitation Design	FHWA-HRT-17-059	Dinesh Ayyala, Hyung Lee, Harold L. Von Quintus	U.S. Department of Transportation Federal Highway Administration	2018-8	米国
5472	Evaluation of the Mechanical and Environmental Performance of Biofuel Co-Product Stabilized Unpaved Roads		Bora Cetin, Jeramy Ashlock, Halil Ceylan, Haluk Sinan Goban	Institute for Transportation; Iowa State University	2018-8	米国
5473	Austrroads LTPP/LTPPM Study - Final Summary Report 2017-18	AP-T339-18	Austrroads	Austrroads	2018-9	米国
5474	Performance of Asphalt and Spray Grade PMBs in Asphalt Mixes	AP-T337-18	Austrroads	Austrroads	2018-9	米国
5475	Measuring and Reporting the Value of Road Maintenance and Renewal Works	AP-R588-18	Austrroads	Austrroads	2018-11	米国
5476	Austrroads Annual Report 2017-18	AP-C20-18	Austrroads	Austrroads	2018-11	米国
5477	Guide to Pavement Technology Part 4K: Selection and Design of Sprayed Seals	AGPT04K-18	Austrroads	Austrroads	2018-10	米国
5478	Guide to Pavement Technology Part 2: Pavement Structural Design	AGPT02-17	Austrroads	Austrroads	2018-10	米国
5479	Field Investigation of Stabilized Full-Depth Reclamation (SFDR)	MN/RC 2018-33	Parnian Ghasemi, Jianhua Yu, Paul Ledtji, R. Christopher Williams, Charles Jähren	Local Road Research Board Minnesota Department of Transportation Research Services & Library	2018-11	米国
5480	Guidance for Selection of Unbound Pavement Layer Seasonal Stiffnesses	UCPRC-RR-2017-11	H.M. Curran, J.T. Harvey, R. Wu	California Department of Transportation Division of Research, Innovation, System Information	2018-11	米国
5481	Evaluation of Non-Destructive Density Determination for QA/QC Acceptance Testing	FHWA/LA .16/600	David Mata, Nicholas Ferguson, Samuel B Cooper III, Gavin Gautreau	Louisiana Department of Transportation and Development	2018-10	米国
5482	Pavement Roughness Measurement Using Android Smartphones: Case Study of Missouri Roads and Airports	cmr 18-010	Buttlar, W.G. Alavi, A., Brown, H. Sills, H., Mesa, A., Okenfuss, E.	Department of Civil and Environmental Engineering University of Missouri-Columbia ; Applied Research Associates, Inc.	2018-8	米国
5483	Plasticity Requirements of Aggregates Used in Pavement Base and Subbase Courses	FHWA-ICT-18-015	Abdolreza Osouli, Erol Tutumluer, Brent Vaughn	Illinois Department of Transportation (SPR) Bureau of Research	2018-10	米国
5484	Characterization of Aggregate Texture and Correlation with Surface Skid Resistance	FHWA/TX-17/0-6878-3	Sareh Kouchaki, Hossein Roshani, Joaquin Bernardo Hernandez and Jorge A. Prozzi	Texas Department of Transportation Research and Technology Implementation Office	2018-9	米国
5485	Analysis Procedures for Evaluating Superheavy Load Movement on Flexible Pavements, Volume I: Final Report	FHWA-HRT-18-049	Elie Y. Hajj, Raj V. Siddharthan, Hadi Nabizadeh, Sherif Elfass, Mohamed Nimeri, Seyed Farzan Kazemi, Dario Batioja-Alvarez, and Murugaiyah Piratheepan	Office of Research, Development, Technology Federal Highway Administration	2018-10	米国

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5486	Innovations in Asphalt Mixture Design Procedures	E-C237	Frank Fee Shane Buchanan Samuel Cooper III Louay Mohammad Hasan Ozer Imad Al-Qadi Fujie Zhou Thomas Bennert John Haddock Tim Aschenbrener	Transportation Research Board	2018-10	米国
5487	A Mechanistic-Empirical Model for Top-Down Cracking of Asphalt Pavements Layers	NCHRP Project 01-52	Lytton, Robert L Luo, Xue Ling, Meng Chen, Yu Hu, Sheng Gu, Fan	Transportation Research Board	2018-3	米国
5488	Development of Quality Standards for Inclusion of High Recycled Asphalt Pavement Content in Asphalt Mixtures -		Hosin "David" Lee, Ali Mokhtari, Chris Williams	Iowa Highway Research Board Iowa Department of Transportation	2018-5	米国
5489	Investigation of Binder Aging and Mixture Performance in Service: Reclaimed Asphalt Pavement Mixtures	FHWA/V TRC18-	Stacey D. Diefenderfer, Harikrishnan Nair, Benjamin F. Bowers	Virginia Department of Transportation Federal Highway Administration	2018-6	米国
5490	Evaluation of Porous Asphalt Used at a Virginia Department of Transportation Park & Ride Facility	FHWA/V TRC18-	G. Michael Fitch, Benjamin F. Bowers	Virginia Department of Transportation Federal Highway Administration	2018-6	米国
5491	Inertial profiler certification for evaluation of international roughness index	526	Rohan W Perera	Transportation Research Board	2018	米国
5492	Guidelines for Integrating Safety and Cost-Effectiveness into Resurfacing, Restoration, and Rehabilitation (3R) Projects	876	Douglas W. Harwood, Daniel J. Cook, Richard Coakley, Chad Polk	Transportation Research Board	2018	米国
5493	Aggregate Quality Requirements for Pavements	526	Erol Tutumluer, Maziar Moaveni, Issam I. A. Qamhia	Transportation Research Board	2018	米国
5494	Long-Term Pavement Performance Climate Tool User Guide	FHWA-HRT-17-012	Riaz Ahmad, Jose R. Menendez, Nima Kargah-Ostadi	Office of Infrastructure Research, Development Federal Highway Administration	2018	米国
5495	Optimization of asphalt mixture design for the Louisiana ALF test sections	FHWA/LA .07/422	Louay N. Mohammad, Khalid Alshamsi Shadi Saadeh.	Louisiana Transportation Research Center	2018	米国
5496	Material selection guidance for asphalt pavement design	NCAT 18-01	Carolina Rodezno, David H. Timm, Mary Robbins, Nam Tran	The National Center for Asphalt Technology at Auburn University	2018	米国
5497	Performance-based mix design of porous friction courses	01-55	Donald Watson, Nam H. Tran, Carolina Rodezno, Adam J. Taylor, Tommy M James Jr.	The National Academies of Sciences, Engineering, and Medicine	2018	米国
5498	Synthesis of current practice on the design, construction, and maintenance of porous friction courses	0-5262-1	Allex E. Alvarez, Amy Epps Martin, Cindy K. Estakhri, Joe W. Button, Charles J. Glover, Sung Hoon Jung	Texas A&M Transpoeta Institute	2006	米国
5499	Ultra-Thin Bonded Wearing Course (UTBWC) snow, ice, and wind effects	TRS1804	Daniel E. Wegman, Mohammadreza Sabouri	Minnesota Department of Transportation	2018	米国
5500	Phase V (2012-2014) NCAT test track findings	NCAT 16-04	Randy West, David Timm, Buzz Powell, Michael Heitzman, Nam Tran, Carolina Rodezno, Don Watson, Fabricio Leiva, Adriana Vargas, Richard Willis, Michael Vrtis,	The National Center for Asphalt Technology at Auburn University	2018	米国
5501	Visual analysis of pavement performance and related factors	Part of DTRT13-G-UTC37	Cynthia Corritore and Nalini Govindarajulu	Iowa State University Institute for Transportation	2018	米国
5502	Calculation of Local Equilibrium Correction Factors for the 2017 skid resistance surveys	PPR862	Stuart Brittain	Transport Research Laboratory	2018	英国

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5503	Performance and Life-Cycle Cost Benefits of Stone Matrix Asphalt	NCAT 18-03	Fan Yin, Randy C, West	The National Center for Asphalt Technology at Auburn University	2018	米国
5504	Performance-Based Mix Design of Porous Friction Courses	NCHRP 877	Donald Watson, Nam H. Tran, Carolina Rodezno, Adam J. Taylor, Tommy M. James Jr.	The National Academies of Sciences, Engineering, and Medicine	2018	米国
5505	Relationships of Laboratory Mixture Aging to Asphalt Mixture Performance	E-C234	Jo Sias Daniel, Fan Yin, Amy Epps Martin, Edith Arambula-Mercado, David Newcomb, Jean Pascal Planche, Adam Pauli, Mike Farrar, Shin-Chi Huang, Gerald Reinke, Andrew Hanz, Frank Fee, Steve Engber, Doug Herlitzka, Mary Ryan	The National Academies of Sciences, Engineering, and Medicine	2018	米国
5506	Characterizing Existing Asphalt Concrete Layer Damage for Mechanistic Pavement Rehabilitation Design	FHWA-HRT 17-059	Dinesh Ayyala, Hyung Lee, Harold L. Von Quintus	U.S. Department of Transportation Federal Highway Administration	2018	米国
5507	Laboratory Performance Testing of Warm-Mix Asphalt Mixtures for Airport Pavements	DOT/FAA/ TC-18/26	Mariely Mejias-Santiago and John F. Rushing	U.S. Department of Transportation Federal Highway Administration	2018	米国
5508	Test Program for the FAA Accelerated Wheel Load Test Facility to Develop Specifications for Reclaimed Asphalt Materials in New Asphalt Concrete Used on Airfield	DOT/FAA/ TC-18/27	M Z Alavi, D. Jones, P. Chavez, J. Harvey	U.S. Department of Transportation Federal Highway Administration	2018	米国
5509	Permeable Pavement Road Map Workshop and Proposed Road Map for Permeable Pavement	UCPRC-RR-2018-01	John T. Harvey, David R. Smith	National Center for Sustainable Transportation	2018	米国
5510	Proposed Performance-Prediction Equations and Threshold Triggers for Thin-Overlay Treatments Using The Long-Term Pavement Performance Database	FHWA-HRT 17-111	Michael D. Elwardany, Kangjin Lee, Jung Hwa Lee, Coleman Brown, Cassie Castorena, Y. Richard Kim	U.S. Department of Transportation Federal Highway Administration	2018	米国
5511	Pavement Surface Treatments for Ice-Prone Locations in the Illinois Highway System	FHWA-ICT-18-017	Michelle Akin, Yan Zhang, Xianming Shi	Illinois Center for Transportation	2018	米国
5512	Level of service requirements for freight on rural roads and refinement of heavy vehicle roughness band index	AP-T340-18	Ulysses Ai	Austrroads Ltd.	2018	オーストラリア
5513	Austrroads 2017-18 Annual report	—	Austrroads Ltd.	Austrroads Ltd.	2018	オーストラリア
5514	Performance of asphalt and spray grade PMBs in asphalt mixes	AP-T337-18	Robert Urquhart, Jenny Trochez	Austrroads Ltd.	2018	オーストラリア
5515	Measuring and reporting the value of road maintenance and renewal works	AP-R588-18	Martin Chow, Howard Gu, Stuart Morrison, Gary Woodman	Austrroads Ltd.	2018	オーストラリア
5516	Columbus Mississippi Field Aging and Laboratory Conditioning Study : Air Force Base and Single Aggregate Source Reference Asphalt Mixtures	FHWA/M S-DOT-RD-18-266/270-Vol. 1	Isaac L. Howard, Bradley S. Hansen, Braden T. Smith	MSU Civil and Environmental Engineering Department	2018	米国

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5517	Columbus Mississippi Field Aging and Laboratory Conditioning Study : Plant Mixed and Field Compacted Asphalt Test Sections	FHWA/M S-DOT-RD-18-266/270-Vol. 2	Braden T. Smith, Isaac L. Howard, Robert A. Moore	MSU Civil and Environmental Engineering Department	2018	米国
5518	Columbus Mississippi Field Aging and Laboratory Conditioning Study : Plant Mixed and Laboratory Compacted Asphalt Mixtures	FHWA/M S-DOT-RD-18-266/270-Vol. 3	Isaac L. Howard, Rabeea W. Bazuhair, Carl V. Pittman, Braden T. Smith	MSU Civil and Environmental Engineering Department	2018	米国
5519	PIARC Databook of Road and Road Transport (2014-2018)	2018SP02 EN	Shigeru Kikukawa	World Road Assoziatio (PIARC)	2018	フランス
5520	Long-term pavement performance study : final report	AP-T342-19	Lith Choummanivong, Tim Martin	Austroroads Ltd.	2018	オーストラリア
5521	Investigation of Cracking Resistance of Asphalt Mixtures and Binders	MN/RC 2019-03	Mihai Marasteanu, Mugurel Turos, Debaroti Ghosh, Jhenyffer Lorrany Matias de Oliveira, Tianhao Yan	Minnesota Department of Transportation	2019	米国
5522	Accelerated Implementation and Deployment of Pavement Technologies : 2017-18 Annual report	FHWA-HIF-18-058	Federal Highway Administration	U.S. Department of Transportation Federal Highway Administration	2018	米国
5523	Development of Renewable Polymers for Use in Asphalt Pavements	NCHRP IDEA Project 178	R. Christopher Williams, Eric W. Cochran, Conglin Chen, Austin D. Hohmann, Nacu Hernandez	The National Academies of Sciences, Engineering, and Medicine	2018	米国
5524	Development of an IDEAL Cracking Test for Asphalt Mix Design, Quality Control and Quality Assurance	NCHRP IDEA Project 195	Fujie Zhou	The National Academies of Sciences, Engineering, and Medicine	2019	米国
5525	Best Practices for Longitudinal Joint Construction and Compaction	FHWA-SC-18-	B.J. Putman and E.M. Kim	Clemson University Glenn Department of Civil Engineering	2018	米国
5526	Review of Hot Bituminous Surface Treatments in Washington State	WA-RD 887.1	Keith W. Anderson, Jeff S. Uhlmeier, Mark Russell, Kim Willoughby, Tim Moomaw, Joe Mahoney, Casey Fraisure	Washington State Department of Transportation	2019	米国
5527	Deformation performance of foamed bitumen stabilised pavements under full-scale accelerated loading	AP-T343-19	Peter Eady, Didier Bodin and Dnaielle Garton	Austroroads Ltd.	2019	オーストラリア
5528	An Analysis of Early-Life Skid Resistance of SMAs on the Scottish Trunk Road Network	PPR893	L A Martin	Transport Research Laboratory	2019	英国
5529	Performance benefits of polymer modified bitumen binders for thin surfacings	655	KL Neaylon, LC van den Kerkhof, JP Wu, PR Herrington	NZ Transport Agency Research	2019	ニュージーランド
5530	Ten-Year Assessment of Virginia's First Warm Mix Asphalt Sites	VTRC 19-R18	Stacey D. Diefenderfer	Virginia Transportation Research Council	2019	米国
5531	Impact of Environmental Factors on Pavement Performance in the Absence of Heavy Loads	FHWA-HRT-16-084	Leslie Titus-Glover, Michael I. Darter, Harold L. Von Quintus	U.S. Department of Transportation Federal Highway Administration	2019	米国

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5532	Analysis Procedures for Evaluating Superheavy Load Movement on Flexible Pavements, Volume VII: Appendix F, Failure Analysis of Sloped Pavement Shoulders	FHWA-HRT-18-055	Hesamaddin Nabizadeh, Raj V. Siddharthan, Sherif Elfass, Elie Hajj	U.S. Department of Transportation Federal Highway Administration	2019	米国
5533	Analysis Procedures for Evaluating Superheavy Load Movement on Flexible Pavements, Volume X: Appendix I, Analysis Package for Superheavy Load Vehicle Movement on Flexible Pavement (SuperPACK)	FHWA-HRT-18-058	Seyed Farzan Kazemi, Hesamaddin Nabizadeh, Mohamed Nimeri, Dario D. Batioja-Alvarez, Elie Hajj, Raj V. Siddharthan, Adam J. T. Hand,	U.S. Department of Transportation Federal Highway Administration	2019	米国
5534	Structural Study of Cold Central Plant Recycling Sections at the National Center for Asphalt Technology (NCAT) Test Track: Phase II	VTRC 19-R25	Brian K. Diefenderfer, David H. Timm, Benjamin F. Bowers	Virginia Transportation Research Council	2019	米国
5535	International Development of Application Methods of De-Icing Chemicals – State of the Art and Best Practice	2019R08EN	Horst Hanke, Peter Nutz, Heimo Maier-Farkas, Josef Neuhold, Frank Rizzardo, Pavel Jezek, Jana Stulirova, Pavel Sust, Andris Petersons, Kai Rune Lysbakken, Larsen Oystein, Luis Azcue Rodriguez, Jorge Enrique Lucas Herranz,	World Road Assoziatio (PIARC)	2019	フランス
5536	Evaluation of the Effect of Homogeneity of the Asphalt Binder on Performance of a Recycled Mix	BDV29-977-35	Hesham Ali, Louay Mohammad, Mojtaba Mohammadafzali, Farshad Haddadi, Moses Akentuna	Florida Department of Transportation	2019	米国
5537	Evaluation of FC-5 with PG 76-22 HP to Reduce Raveling	BE287	Edith Arambula-Mercado, Sylvia Caro, Carlos Alberto Rivera Torres, Pravat Karki, Mauricio Sanchez-Silva, Eun Sug Park	Texas A&M Transpoeta Institute	2019	米国
5538	Best Practices for Determining Life Cycle Costs of Asphalt Pavements	NCAT 19-03	Fan Gu, Nam Tran	The National Center for Asphalt Technology at Auburn University	2019	米国
5539	Sustainability Specifics (Sustainable asphalt pavements : a practical guide)	SIP102	Stephen T. Muench, Adam J.T. Hand	National Asphalt Pavement Association	2019	米国
5540	Influence of Aggregate Morphology and Grading on the Performance of 9.5-mm Stone Matrix Asphalt Mixtures	VTRC 19-R15	Yufeng Liu, Harikrishnan Nair, Stephen Lane, Linbing Wang, Wenjuan Sun	Virginia Transportation Research Council	2019	米国
5541	Stockpiling Cold Central Plant Recycling Mixtures	VTRC 19-R32	Benjamin F. Bowers, Brian K. Diefenderfer, Syed Kazmi	Virginia Transportation Research Council	2019	米国
5542	Surface Treatment Macrotexture and Bicycle Ride Quality	UCD-ITS-RR-537	Hui Li, John Harvey, Calvin Thigpen, Rongzong Wu	Institute of Transportation Studies at UC Davis	2013	米国
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