

**Digitizing and Formatting of Connecticut
Department of Transportation Archived
Technical Reports**

FINAL REPORT

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School of Engineering
University of Connecticut

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| 16. Abstract The Connecticut Department of Transportation (ConnDOT) had a large number of reports that were available only in paper hard copy and were not accessible electronically. Some of the reports dated back 30-40 years and only one hard copy of the report remained. The goal of this work was to get all of the reports digitized and ready to be placed on the ConnDOT webserver. | | | |
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SI* (MODERN METRIC) CONVERSION FACTORS

APPROXIMATE CONVERSIONS TO SI UNITS

| SYMBOL | WHEN YOU KNOW | MULTIPLY BY | TO FIND | SYMBOL |
|--|----------------------------|-----------------------------|-----------------------------|-------------------|
| LENGTH | | | | |
| in | inches | 25.4 | millimeters | mm |
| ft | feet | 0.305 | meters | m |
| yd | yards | 0.914 | meters | m |
| mi | miles | 1.61 | kilometers | km |
| AREA | | | | |
| in ² | square inches | 645.2 | square millimeters | mm ² |
| ft ² | square feet | 0.093 | square meters | m ² |
| yd ² | square yard | 0.836 | square meters | m ² |
| ac | acres | 0.405 | hectares | ha |
| mi ² | square miles | 2.59 | square kilometers | km ² |
| VOLUME | | | | |
| fl oz | fluid ounces | 29.57 | milliliters | mL |
| gal | gallons | 3.785 | liters | L |
| ft ³ | cubic feet | 0.028 | cubic meters | m ³ |
| yd ³ | cubic yards | 0.765 | cubic meters | m ³ |
| NOTE: volumes greater than 1000 L shall be shown in m ³ | | | | |
| MASS | | | | |
| oz | ounces | 28.35 | grams | g |
| lb | pounds | 0.454 | kilograms | kg |
| T | short tons (2000 lb) | 0.907 | megagrams (or "metric ton") | Mg (or "t") |
| TEMPERATURE (exact degrees) | | | | |
| °F | Fahrenheit | 5 (F-32)/9 or (F-32)/1.8 | Celsius | °C |
| ILLUMINATION | | | | |
| fc | foot-candles | 10.76 | lux | lx |
| fl | foot-Lamberts | 3.426 | candela/m ² | cd/m ² |
| FORCE and PRESSURE or STRESS | | | | |
| lbf | poundforce | 4.45 | newtons | N |
| lbf/in ² | poundforce per square inch | 6.89 | kilopascals | kPa |

APPROXIMATE CONVERSIONS FROM SI UNITS

| SYMBOL | WHEN YOU KNOW | MULTIPLY BY | TO FIND | SYMBOL |
|-------------------------------------|-----------------------------|-------------|----------------------------|---------------------|
| LENGTH | | | | |
| mm | millimeters | 0.039 | inches | in |
| m | meters | 3.28 | feet | ft |
| m | meters | 1.09 | yards | yd |
| km | kilometers | 0.621 | miles | mi |
| AREA | | | | |
| mm ² | square millimeters | 0.0016 | square inches | in ² |
| m ² | square meters | 10.764 | square feet | ft ² |
| m ² | square meters | 1.195 | square yards | yd ² |
| ha | hectares | 2.47 | acres | ac |
| km ² | square kilometers | 0.386 | square miles | mi ² |
| VOLUME | | | | |
| mL | milliliters | 0.034 | fluid ounces | fl oz |
| L | liters | 0.264 | gallons | gal |
| m ³ | cubic meters | 35.314 | cubic feet | ft ³ |
| m ³ | cubic meters | 1.307 | cubic yards | yd ³ |
| MASS | | | | |
| g | grams | 0.035 | ounces | oz |
| kg | kilograms | 2.202 | pounds | lb |
| Mg (or "t") | megagrams (or "metric ton") | 1.103 | short tons (2000 lb) | T |
| TEMPERATURE (exact degrees) | | | | |
| °C | Celsius | 1.8C+32 | Fahrenheit | °F |
| ILLUMINATION | | | | |
| lx | lux | 0.0929 | foot-candles | fc |
| cd/m ² | candela/m ² | 0.2919 | foot-Lamberts | fl |
| FORCE and PRESSURE or STRESS | | | | |
| N | newtons | 0.225 | poundforce | lbf |
| kPa | kilopascals | 0.145 | poundforce per square inch | lbf/in ² |

*SI is the symbol for the International System of Units. Appropriate rounding should be made to comply with Section 4 of ASTM E380.
(Revised March 2003)

DISCLAIMER

This report does not constitute a standard, specification or regulation. The contents of this report reflect the views of the author who is responsible for the facts and the accuracy of the data presented herein. The contents do not necessarily reflect the views of the Connecticut Department of Transportation or the Federal Highway Administration.

ACKNOWLEDGEMENTS

This report was prepared by the University of Connecticut, in cooperation with the Connecticut Department of Transportation and the United States Department of Transportation, Federal Highway Administration. The opinions, findings and conclusions expressed in the publication are those of the author(s) and not necessarily those of the Connecticut Department of Transportation or the Federal Highway Administration. This publication is based upon publicly supported research and is copyrighted. It may be reproduced in part or in full, but it is requested that there be customary crediting of the source.

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Digitizing and Formatting of Connecticut Department of Transportation Archived Technical Reports

The Connecticut Department of Transportation (ConnDOT) had 265 reports that were available only in paper hard copy and were not accessible electronically. Some of the reports dated back 30-40 years and only one hard copy of the report remained. These reports were stored in ConnDOT's Research and Materials facility in Rocky Hill, CT. When ConnDOT Research moved to the main ConnDOT building in Newington, CT, the hard copies of the reports were moved to Newington as well.

When CTI began working on this project, some scanning and digitizing of reports had been undertaken for some of the reports. For other reports, no work had been undertaken to digitize them. The goal of this work was to get all of the reports digitized and make them suitable for inclusion in the electronic repository that will be available to all interested parties via the Internet.

As these reports were in all different stages of completion, the research team worked to identify what work, if any, had been performed on these reports. For the reports where they had not been scanned, these reports were scanned, checked for completion, the quality of the scans was inspected, and, once they were in satisfactory condition, bookmarks were inserted in the PDFs as the final step. For reports where some of this work had been started, the first step would be to check them for completeness and quality, and, then, the process would follow as it would have for a report that needed to be scanned. Particular attention was paid to pictures and images that were included in the reports. Many of these pictures and images were rescanned using a higher quality scanner and inserted into the reports that were previously scanned using a lower resolution scanner.

Of all the reports scanned, some of older ones that were typed on "onion skin" paper presented the greatest challenge to obtain a quality scan. Onion skin paper was a common paper used before computer printers were commonplace. Onion skin paper is particularly thin which allowed the typing on the backside to be picked up by the scanner. Through trial and error, the best quality scans possible were obtained. While these scans are not perfect, they are the highest quality scans possible given the equipment available.

The successful scanning of the reports will assist the Research Unit in building a quality repository of electronic research and technical reports, listed in Appendix A, and having these reports available to all ConnDOT personnel and any other parties, within the United States and from around the world, who would be interested in these important research topics.

The implementation of this project will culminate with the posting of the technical and research reports on the ConnDOT webserver.

APPENDIX A: Table of Reports Scanned and Digitized for ConnDOT

| Report Number | Report Name |
|----------------------|--|
| | 1982-1983 Annual Report: Pavement Recycling in CT |
| | An Energy Absorbing Frangible Tube Bridge Barrier System Report 1 - Construction |
| | An Experimental Self-Stressing Concrete Pavement, Route 2, Glastonbury Part I- Construction Report |
| | An Experimental Self-Stressing Concrete Pavement, Route 2, Glastonbury Part II- 4-Year Pavement Evaluation |
| | An Experimental Self-Stressing Concrete Pavement, Route 2, Glastonbury Part III- Final Report |
| | Comparison of Strain Data Obtained From a Scratch Strain Gage and the FHWA Data Acquisition System on a CT Highway Bridge |
| | Data Processing Equipment Justification for the Materials Testing Section |
| | Determination of the Effects of Deicing Salts Upon Trees, Shrubs and Soils – Project Proposed for Inclusion in the HP&R Work Program |
| | Development of a Laboratory Data System – A Project Proposed for Inclusion in the HP&R Work Program |
| | Development of Photologging System for Connecticut – A Project Proposed for Inclusion in the HP&R Work Program (1971) |
| | Development of Photologging System for Connecticut – A Project Proposed for Inclusion in the HP&R Work Program (1972) |
| | Evaluation of the Use of Salt Brine for Deicing Purposes – A Project Proposed for Inclusion in the HP&R Work Program |
| | Field Observations of a High Performance Bridge Barrier Rail on Bridges and Approaches – A Project Proposed for Inclusion in the HP&R Work Program |
| | Friction Characteristics of Paving Materials in Connecticut – A Project Proposed for Inclusion in the HP&R Work Program |
| | Friction Survey of the Interstate and Primary Systems in Connecticut – A Project Proposed for Inclusion in the HP&R Work Program |
| | Friction Survey of the Interstate and Secondary System in Connecticut - Revised |
| | Friction Survey of the Interstate and Secondary System in Connecticut |
| | Implementation of Statistical Specifications for Bituminous Concrete - A Project Proposed for Inclusion in the HP&R Work Program |

| Report Number | Report Name |
|----------------------|---|
| | Implementation of Statistical Specifications for Control of Bituminous Concrete – Report I |
| | Implementation of Statistical Specifications for Control of Bituminous Concrete – Report II |
| | Installation of a Tire-Sand Inertial Barrier System in Connecticut |
| | Kennametal Inc. Report Entitled “Studded Tires, The Winter Winner” |
| | Loading Histories of Selected Bridges on I-95 in Connecticut |
| | Management Analysis of ConnDOT’s Pavement Management Needs |
| | Pavement Distress Rating Procedures for Photolog Correlation Study – Instruction Manual |
| | Performance of a CRC Overlay in Connecticut |
| | Photographic Surveillance of Highway Safety Devices Report I |
| | Policies and Procedures – New England Transportation Consortium |
| | Recycled Rubber in Roads |
| | Reflective Cracking Study I-95, Guilford/Branford |
| | Report on Distressed Area in the Continuous Reinforced Concrete Pavement I-84 Southington |
| | Report to the Legislature on the Performance and Effects of Studded Tires |
| | Skid Test Manual |
| | Snow and Ice Control ConnDOT Research, Operations and Policy |
| | State & Local Friction Testing Services for Connecticut |
| | Summary of Activities Division on Research and Development 1969 |
| | Summary of Activities Division on Research and Development 1970 |
| | Summary of Activities Division on Research and Development 1971 |
| | Summary of Activities Office of Research and Development 1975 |
| | Summary of Activities Office of Research and Development 1976 |
| | Summary of Activities Research and Development Section 1972 |
| | Summary of Activities Research and Development Section 1973 |
| | Summary of Activities Research and Development Section 1974 |

| Report Number | Report Name |
|----------------------|--|
| | Summary of Literature Survey for Pavement Recycling Phase I – Energy, Environmental and Material Considerations |
| | The Connecticut State Transportation Research Manual (1995) |
| | The Connecticut State Transportation Research Manual (2000) |
| | Theory to Practice: Photolog Laser Videodisc and its Application to Pavement Management in Connecticut |
| | Use of Sulfur in Connecticut Department of Transportation Class I Hot-Mix Bituminous Concrete |
| | Use of Waste Material in Transportation Construction Projects |
| | Use of Waste Material in Transportation Construction Projects – A Project Proposed for Inclusion in the HP&R Work Program |
| | Vehicle Behavior Under Real Conditions at Impact-Attenuation Devices Final Report |
| | Vehicle Behavior Under Real Conditions at Impact-Attenuation Devices – A Project Proposed for Inclusion in the HP&R Work Program |
| | Wet-Weather High Hazard Locations – A Project Proposed for Inclusion in the HP&R Work Program |
| 85051-F-82-1 | Highway User Costs in CT |
| 85051-S-82-2 | Highway User Costs in CT Executive Summary |
| CT-1008-1-86-5 | Installation of a Cathodic Protection System in a Connecticut Bridge Deck |
| CT-1008-F-88-4 | Evaluation of a Retrofitted Cathodic Protection System in a Bridge Deck |
| CT-1080-F-86-10 | Development of a Metal Tube Crash Cushion for Narrow Hazard Highway Sites |
| CT-1085-1-86-1 | Placement of an Experimental Bituminous Concrete Mixture Utilizing an Asphalt Additive – Carbon Black |
| CT-1085-3-91-6 | Field Evaluation of an Experimental Bituminous Pavement Utilizing an Asphalt Additive – Carbon Black |
| CT-1136-F-02-8 | Development of a GIS-Based Rights of Way Outdoor Advertising Sign Information System |
| CT-116(33)-F-93-1 | Performance Evaluation of Five Materials for Retarding Reflective Cracking in Overlays I-95 Southbound, Guilford |
| CT-116(37)-4-90-10 | A Statistical Comparison of the CT Photolog and PASCO Data Collection Systems for Pavement Distress Rating Purposes |
| CT-116-1-80-17 | Cellulose (Ecofuel) – Bituminous Pavement |
| CT-116-2-86-13 | Six-Year Evaluation of an Asphalt-Rubber Hot Mix Pavement |
| CT-116-3-89-8 | Eight-Year Performance Evaluation of an Asphalt-Rubber Hot Mix Pavement |
| CT-1213-F-01-10 | The Strategic Highway Research Program (SHRP) Activities in Connecticut |

| Report Number | Report Name |
|----------------------|--|
| CT-1221-1-89-3 | Summary of the Results of Crash Test Performed on the Narrow Connecticut Impact Attenuation System (NCIAS) |
| CT-1344-F-92-2 | Detection of Frost-Prone Highway Beds from Response-Type Surface Roughness Measurements Final Report |
| CT-1408-1-92-7 | Full-Scale Bridge Testing to Monitor Vibrational Signatures: Phase I Destructive Test Final Report |
| CT-1408-2-95-5 | Full-Scale Bridge Testing to Monitor Vibrational Signatures: Phase II Major Structure Investigation – Interim Report |
| CT-1409-F-96-1 | Use of Hydrodemolition to Remove Deteriorated Concrete from Bridge Decks Final Report |
| CT-1410-1-92-5 | Effect of Ambient Lighting During Photolog Filming on Visual Rating of Pavements from Result Images – Interim Report |
| CT-1410-F-94-2 | Effect of Ambient Lighting During Photolog Filming on Visual Rating of Pavements from Result Images – Final Report |
| CT-175-116(39) | Corrosion of Post-Tensioned Tendons and Ducts in the Bissell Bridge Final Report |
| CT-211-10-02-03 | Product Use Status Lists for CT Department of Transportation Projects (2002) |
| CT-211-1-92-10 | Product Use Status Lists for CT Department of Transportation Projects (1992) |
| CT-211-2-94-7 | Product Use Status Lists for CT Department of Transportation Projects (1994) |
| CT-211-3-95-6 | Product Use Status Lists for CT Department of Transportation Projects (1995) |
| CT-211-4-95-9 | Product Use Status Lists for CT Department of Transportation Projects (1996) |
| CT-211-5-97-3 | Product Use Status Lists for CT Department of Transportation Projects (1997) |
| CT-211-6-98-5 | Product Use Status Lists for CT Department of Transportation Projects (1998) |
| CT-2216-1-95-2 | Summary of the NCHRP Report 350 Crash Test Results for the Connecticut Truck Mounted Attenuator |
| CT-2216-2-02-5 | Summary of the NCHRP Report 350 Crash Test Results for the Narrow Connecticut Impact Attenuation System |
| CT-2216-3-03-6 | Summary of the NCHRP Report 350 Crash Test Results for the Connecticut Impact Attenuation System (CIAS) |
| CT-2217-F-06-10 | Bridge Monitoring Network – Installation and Operation |
| CT-2219-1-97-5 | Demonstration and Evaluation of SUPERPAVE Technologies – Construction Report for Route 2 |
| CT-2219-F-02-7 | Demonstration and Evaluation of SUPERPAVE Technologies – Final Evaluation Report for CT Route 2 |
| CT-2220-F-2000-4 | Automated Vertical Clearance Measurement During Photolog Operations |
| CT-222-10-78-10 | Summary of Activities Office of Research (1978) |
| CT-222-11-79-9 | Summary of Activities Office of Research (1979) |

| Report Number | Report Name |
|----------------------|---|
| CT-222-12-80-6 | Summary of Activities Office of Research (1980) |
| CT-222-13-81-10 | Summary of Activities Office of Research (1981) |
| CT-222-14-82-8 | Summary of Activities Office of Research (1982) |
| CT-222-15-83-12 | Summary of Activities Office of Research (1983) |
| CT-222-1-85-1 | Summary of Activities Division of Research (1985) |
| CT-222-18-86-9 | Summary of Activities Division of Research (1986) |
| CT-222-19-87-3 | Summary of Activities Division of Research (1987) |
| CT-222-21-89-7 | Summary of Activities Division of Research (1989) |
| CT-222-22-90-3 | Summary of Activities Division of Research (1990) |
| CT-222-23-91-4 | Summary of Activities Division of Research (1991) |
| CT-222-24-92-8 | Summary of Activities Division of Research (1992) |
| CT-222-25-93-3 | Summary of Activities Division of Research (1993) |
| CT-222-26-93-4 | Upgrading the Computerized Work Program Development Application |
| CT-222-26-94-5 | Summary of Activities Division of Research (1994) |
| CT-222-27-95-3 | Summary of Activities Division of Research (1995) |
| CT-222-28-96-2 | Summary of Activities Division of Research (1996) |
| CT-222-29-97-4 | Summary of Activities Division of Research (1997) |
| CT-222-30-98-4 | Summary of Activities Division of Research (1998) |
| CT-2223-1-04-6 | Evaluation of Nickel Cadmium Batter-Electric Subcompact Automobile in Connecticut as an Alternative for Work-trips and Commutes |
| CT-222-31-99-6 | Summary of Activities Division of Research (1999) |
| CT-222-32-00-3 | Summary of Activities Division of Research (2000) |
| CT-222-33-01-6 | Annual Summary of Activities Division of Research (2001) |
| CT-222-34-02-2 | Annual Summary of Activities Division of Research (2002) |
| CT-222-35-03-8 | Annual Summary of Activities Division of Research (2003) |
| CT-222-36-04-13 | Annual Summary of Activities Division of Research (2004) |
| CT-222-36-04-7 | A Study of Railcar Lavatories and Waste Management Systems |
| CT-222-38-05-08 | Annual Summary of Activities Division of Research (2005) |
| CT-222-40-06-9 | Annual Summary of Activities Division of Research (2006) |
| CT-222-43-07-9 | Annual Summary of Activities Division of Research (2008) |
| CT-2227-F-01-3 | Field Evaluation of a Non-nuclear Density Pavement Quality Indicator Final Report |
| CT-2228-F-04-10 | Development of a Personal Digital Assistant-based (PDA) Hot-Mix Asphalt (HMA) Data Entry Program for Connecticut DOT "SUPERPAVE" Paving Projects |
| CT-222-9-77-10 | Summary of Activities Office of Research (1977) |
| CT-2229-F-03-7 | Application of Infrared Thermographic Imaging to Bituminous Concrete Pavements – Final Report |
| CT-2230-F-04-2 | Development and Implementation of a Highway Construction Quality Assurance Program for the Connecticut Department of Transportation Phase I – HMA Concrete Construction |

| Report Number | Report Name |
|----------------------|---|
| CT-2231-F-05-11 | Feasibility of Streaming Media for Transportation Research and Implementation Final Report |
| CT-2232-F-02-4 | Lateral Variation in Pavement Smoothness |
| CT-2233-F-05-4 | Alternative Merge Sign at Signalized Intersections |
| CT-2234-F-06-5 | Feasibility of Whitetopping in Connecticut |
| CT-2238-F-06-2 | Quantifying Segregation in HMA Pavements Using Non-nuclear Density Devices: Data Collection Report for Connecticut |
| CT-2239-01-06-3 | Development of the Connecticut Product Evaluation Database Application – Phase 1A Report I |
| CT-2242-F-05-5 | Correlation of Nuclear Density Readings with Cores Cut from Compacted Roadways |
| CT-2306-2-99-7 | SEGMENT REMOVED – Second Interim Report on the Installation and Evaluation of Weigh-In-Motion Utilizing Quartz-Piezo Sensor Technology |
| CT-331-2-76-5 | Photologging Guidelines for the Update and Refilming of the State Highway System |
| CT-331-F-76-9 | Effects of Deicing Salts and Lead Upon Trees, Shrubs and Soils in CT |
| CT-343-13-79-11 | Implementation of Research Annual Report (1979) |
| CT-343-14-80-5 | Implementation of Research Annual Report (1980) |
| CT-343-1-76-12 | Laboratory Tests on a Mechanical Strain Gage Recorder |
| CT-343-1-76-7 | ConnDOT Use of the Transportation Research Board's Research Correlation Service |
| CT-343-18-81-9 | Patching Materials for Portland Cement Concrete Pavements |
| CT-343-19-81-11 | Implementation of Research Annual Report (1981) |
| CT-343-19-84-7 | Bridge Inspection: Its Purpose and the Nationwide Need |
| CT-343-20-88-13 | Report to the General Assembly on the Feasibility of Expanding the Use of Demolition Materials in Projects Undertaken by the Department of Transportation |
| CT-343-21-89-6 | Feasibility of Utilizing Waste Glass in Pavements |
| CT-343-22-87-7 | Nomination of the CT Crash Cushion for the Administrator's Highway Safety Award |
| CT-343-23-87-8 | Nomination of CT Impact-Attenuation System for the Administrator's Highway Safety Award |
| CT-343-24-90-7 | 1990 Biennial Awards Entry Form for CT Impact Attenuation System (CIAS) |
| CT-343-26-91-1 | Past and Current Use of Recycling by the CT Department of Transportation |
| CT-343-28-92-1 | Recycling in CT Department of Transportation Construction and Maintenance Projects: A Progress Report to the General Assembly |
| CT-343-29-94-6 | A Comparison of Compressive Strengths of Cylindrical Concrete Specimens Size 4 x 8 Inch with Size 6 x 12 Inch |

| Report Number | Report Name |
|----------------------|---|
| CT-343-30-99-1 | Evaluation of Electric Vehicles as an Alternative for Work-trip and Limited Business Commutes Final Report |
| CT-343-4-78-11 | Performance of an Open-Graded Bituminous Concrete Overlay |
| CT-343-F-77-6 | Performance of a Tire-Sand Inertial Barrier System in CT |
| CT-357-F-76-10 | Evaluation of an Experimental Motorist-As Call-Box System (Two-Way Radio Voice) Final Report |
| CT-360-S-78-4 | Development of Laboratory Data System Executive Summary |
| CT-373-F-76-1 | Experimental Earth Berm Noise Barrier Study Route I-84, West Hartford |
| CT-376-3-76-1 | Implementation of Statistical Specifications for Control of Bituminous Concrete Report III |
| CT-376-4-76-11 | Implementation of Statistical Specifications for Control of Bituminous Concrete Report IV |
| CT-376-5-76-13 | Implementation of Statistical Specifications for Control of Bituminous Concrete Report V- Final Report |
| CT-395-1-76-8 | Performance of a Continuously Reinforced Concrete Overlay in CT |
| CT-395-3-78-7 | Three-Year Performance of a CRC Overlay in CT |
| CT-395-4-80-2 | Performance of a Continuously Reinforced Concrete Overlay Final Report |
| CT-396-2-77-8 | Evaluation of the Use of Salt Brine for Deicing Purposes Report II |
| CT-396-3-78-5 | Evaluation of the Use of Salt Brine for Deicing Purposes Report III |
| CT-396-4-79-2 | Operations and Maintenance Manual Brine Distributor |
| CT-396-7-80-7 | Field Evaluation of Brine Deicing Units 1979-1980 |
| CT-396-8-81-8 | Field Evaluation of Brine Deicing Units 1980-1981 |
| CT-402-1-77-3 | Experimental Evaluation of a Portable Energy Absorbing System for Highway Service Vehicles Final Report for Phase I |
| CT-402-F-79-1 | Experimental Evaluation of Portable Energy Absorbing System for Highway Service Vehicles Final Report for Phase II |
| CT-403-1-77-1 | Wet-Weather High-Hazard Locations Identification and Evaluation Report I |
| CT-403-F-79-4 | Wet-Weather High-Hazard Locations Identification and Evaluation Final Report |
| CT-466-1-78-12 | Use of Waste Material in Transportation Construction Projects Report I |
| CT-492-F-82-7 | Use of Asphalt Emulsions in Connecticut Final Report |
| CT-492-S-82-12 | Summary and Excerpts from Use of Asphalt Emulsions in Connecticut Final Report |
| CT-495-1-78-8 | Raised Pavement Markers at Hazardous Locations Report I |

| Report Number | Report Name |
|----------------------|---|
| CT-495-F-80-16 | Raised Pavement Markers at Hazardous Locations Final Report |
| CT-565-F-80-14 | Evaluation of Sedimentation Pools Constructed on Transportation Projects |
| CT-568-F-81-12 | Friction Survey of the Interstate and Primary Systems in Connecticut |
| CT-569-1-79-10 | Pavement Recycling – Bituminous Concrete and Concrete Mix Designs |
| CT-569-F-81-4 | Energy Equivalents for Selected Pavement Materials – Their Production and Placement |
| CT-570-F-78-13 | Assessment of Various Methods of Test for Concrete Strength Final Report |
| CT-646-1-80-12 | Construction of a Recycled Portland Cement Concrete Pavement |
| CT-646-F-86-14 | Portland Cement Concrete Pavement Recycling, I-84, Waterbury – Final Report |
| CT-647-1-80-11 | Placement of an Experimental Hot-Mixed Recycled Pavement |
| CT-647-2-81-14 | Placement of an Experimental Heat-Scarified In-Place Recycled Pavement |
| CT-647-3-82-11 | Placement of an Experimental Cold-in-place Recycled Bituminous Concrete Pavement |
| CT-647-5-87-2 | Performance Evaluation of a Heat-Scarified In-Place Recycled Bituminous Pavement, Route 15, Westport Final Report |
| CT-647-6-88-1 | Performance Evaluation of a Cold In-Place Recycled Bituminous Pavement, Route 66, Marlborough Final Report |
| CT-722-1-80-13 | Development and Experimental Evaluation of a Steel Pipe Vehicle Impact Attenuation System |
| CT-722-2-81-12 | Development and Experimental Evaluation of a Steel Tube Vehicle Impact Attenuation System |
| CT-724-F-83-16 | Passive Solar-Heating Retrofit of a Maintenance Facility Final Report |
| CT-801-3-86-14 | Use of a Sulfur Extended Asphalt Mix on a Pavement Rehabilitation Project - Construction Report |
| CT-801-F-92-3 | Evaluation of Sulfur Extended Asphalt in Connecticut Final Report |
| CT-876-4-86-8 | Field Evaluation of the Connecticut Impact Attenuation Device at Four High-Hazard Locations – Interim Report |
| CT-876-F-88-2 | Field Evaluation of the Connecticut Impact-Attenuation System at Four High-Hazard Locations Final Report |
| CT-887-10-86-6 | 1985 Photolog Laser Videodisc Cross-Index |
| CT-887-12-86-12 | Photolog and Field Assessment of Pavement Distress |
| CT-887-14-87-5 | DRAFT: Evaluation of a Network-level Pavement Condition Rating Procedure Using the Photolog Laser Videodisc System on Connecticut's Interstate Highways |

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| CT-887-16-89-5 | Status of Pavement Management in the Connecticut Department of Transportation: A Progress Report on Implementation of Pavement Management |
| CT-887-17-90-1 | Objective Versus Subjective Pavement-Distress Evaluation Systems |
| CT-887-20-90-11 | Connecticut Photolog Laser Videodisc-Based Pavement Rating System (PRS) - Overview |
| CT-887-21-90-12 | Connecticut Photolog Laser Videodisc-Based Pavement Rating System (PRS) "RATE" Documentation |
| CT-887-2-84-1 | Pavement Management in Connecticut Phase II, Development, Part I – Development of a Safety Index |
| CT-887-3-84-8 | Pavement Management in Connecticut Phase II, Development, Part 2 – Visual Rating of Pavement Distress from Photolog Inventory |
| CT-887-4-84-9 | Development of a Pavement Management System for the Connecticut Department of Transportation |
| CT-887-5-84-11 | Pavement Management in Connecticut – Phase II, Development: Distress Evaluation Manual for Field Performance of Pavements |
| CT-887-7-85-3 | Instructions for the Processing and Storing of Photolog Data |
| CT-887-8-86-2 | Photolog Laser Videodisc for Highway Monitoring, Evaluation and Data Storage |
| CT-SPR-0003084-F-03-3 | E* - Dynamic Modulus Test Protocol – Problems and Solutions |
| FCP-45G1-222 | Mechanical Strain Recorder on a Connecticut Bridge |
| GS412-002-180 | Demonstration of Skid Test Equipment I-84 Manchester |
| HPR 175-227 | Comparison of Representative Traffic Paints Final Report |
| HPR-175-219 | Revised Work Plan Statistical Quality Control of Plant Mixed Bituminous Concrete |
| HPR-175-219 | Statistical Quality Control of Plant-Mixed Bituminous Concrete |
| HPR-175-332 | Loading History Span No. 10 Yellow Mill Pond Bridge I-95, Bridgeport, Connecticut |
| HPR-175-332 | Summary Report Loading History Span No. 10 Yellow Mill Pond Bridge I-95, Bridgeport, Connecticut |
| HPR-175-40 | Experimental Bituminous Concrete Pavement Study, I-95, Groton, Report II, Analysis of Various Data Obtained During and After Construction |
| HPR-331 | Determination of the Effects of Deicing Salts Upon Trees, Shrubs and Soils Interim Report I |
| HPR-339 | Operations Manual for Photolog System |
| HPR-360 | Development of a Laboratory Data System Report I |
| HPR-360 | Development of a Laboratory Data System Report II |
| HPR-360 | Development of a Laboratory Data System Report III |

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| HPR-372 | Friction Survey of the Interstate and Primary Systems in Connecticut Final Report |
| HPR-396 | Evaluation of the Use of Salt Brine for Deicing Purposes – Report I |
| HPR-724 | Passive Solar Heating and Energy Conservation Retrofit of a Maintenance Facility |
| HPR-PR-1(7) | Comparison of Representative Hot-Applied, Fast-Dry, Chlorinated Rubber and Conventional Traffic Paints on High ADT Roads |
| HS 412-002-180 | Development and Implementation of a Skid Test Program in Connecticut Report I |
| HS 412-002-180 | Development and Implementation of a Skid Test Program in Connecticut Report II |
| HS-7310-1207 | Friction Survey of the Interstate and Secondary System in Connecticut – Report I |
| JHR-83-100 | Increased Funding Needs of the Cooperative Highway Research Program |
| P-08-1 | Development of a Digital Design Environment (DDE) for the Connecticut Department of Transportation |
| P-76-15 | Use of Asphalt Emulsions in Connecticut |
| P-77-11 | Friction Survey of the Interstate and Primary Systems in Connecticut |
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| Research Project 175-216 | Pavement Grooving I-84, Waterbury Report II |
| State Research Project 175-225 | Development of the Air Jet Snowplow Final Report |
| State Research Project 175-225 | Development of the Air Jet Snowplow Report I |