

# TABLE OF CONTENTS

MISSION

4

ORGANIZATION

6

ACCESSIBILITY

8

INVESTMENTS

10

RESEARCH

12

CONNECTIONS

14

FUTURE

16

STRUCTURE

18

PORTS

20

BRIDGES

22

AIRPORTS

24



**DISCOVER HOW  
IT'S MORE  
THAN JUST GETTING FROM  
POINT A TO B**

## WHAT DRIVES US

The mission of the Connecticut Department of Transportation is to provide a safe and efficient intermodal transportation network that improves the quality of life and promotes economic vitality for the State and the region. The vision of the Department of Transportation is to lead, inspire and motivate a progressive, responsive team, striving to exceed customer expectations.

## OUR MEASURABLE RESULTS

*We will endeavor to utilize the latest technology and preserve the integrity of our current assets to provide a safe, efficient, integrated, multimodal, transportation system that offers options for mobility.*

## IT'S ABOUT CUSTOMER SERVICE

*We are committed to consulting with our internal and external stakeholders in an open and transparent decision-making process; and to being responsive by providing timely information on services and programs.*



# DISCOVER US

The Connecticut Department of Transportation is located in Newington, Connecticut just south of the state's capitol city of Hartford. We are responsible for maintaining the infrastructure of Connecticut's methods of travel: whether that be by car, train, boat, airplane or bicycle.

We're also about the quality of life. We will strive to maintain and enhance the quality of life in the State and the region by maintaining the character of our communities, supporting responsible growth, and by enhancing and being sensitive to the environment.

We are about accountability and integrity: we will prudently manage and invest the human and financial resources entrusted to the Department using sound criteria and efficient, cost-effective methods that put safety and preservation first.

And, we are about excellence: we will demand excellence in all we do to fulfill our mission by being solution-oriented and focused on project delivery. We will continuously re-evaluate our mission, values, performance and priorities to ensure that the Department and its employees are innovative and responsive to changing needs.

I am pleased to submit to you the 2012 Annual Report of the Connecticut Public Transportation Commission as required by the Connecticut General Statutes section 13b-11a(e). The nine recommendations contained in this year's Annual Report reflect public input received at the five public hearings conducted by the Commission across Connecticut and information gathered at our twelve monthly meetings, as well as the expertise and experience

of our members. The Commission is cognizant of the fiscal situation currently faced by the State of Connecticut. The nine recommendations of this Annual Report do not call for any new services other than one which would be run privately and would not involve any State-funded operating subsidy.

The role of better marketing and dissemination of information about existing transit service to maximize the public benefit derived from our transit investment is highlighted in this report, along with one very modest example of such an effort.

Members of the Commission welcome your comments on the recommendations contained in the Annual Report.

We appreciate your consideration of these proposals and welcome the opportunity to meet with you to discuss actions that can be taken to implement them.

I hope that you find the contents of the annual report useful in discovering the past, present and future of the Connecticut Department of Transportation. In our department, we strive to make transportation more efficient, and to make traveling as easy as possible. Thank you for taking the time to analyze our organization.

# IT DOESN'T MATTER WHAT YOU GET THERE WE'LL HELP YOU GET THERE

## DISCOVER ACCESSIBILITY

It's doesn't matter what you drive.

At the Connecticut Department of Transportation, we aim to help make our roadways the easiest to travel. That means that we constantly strive to evolve our roadways, alleviating rush our congestion and preventing accidents due to roadway confusion.

Many of the functions the department provides to agencies, travelers and people of the state help ease of access of both our road systems and the processes of our programs.

Past and projected demographic trends such as population, employment, housing and vehicle ownership are presented because they provide a general basis, along with land use, economic and other factors, for understanding the underlying variables that effect changes in travel. Commuting patterns, mode of commuting, traffic accident

statistics, congestion levels, traffic volumes and safety in critical travel corridors, and developments and trends in the movement of goods, transportation-related security, and federal and state revenue trends are discussed.

The programs provide for public involvement in highway beautification activities. Business groups and non-profit community organizations would be allowed to adopt a sec-

tion of highway. The group is then responsible for litter pick up. Other beautification activities, such as the planting of flowers and shrubs appropriate to the surrounding landscape, can be accomplished under the adopt a ramp program. These programs offer a means for others to help their community by cleaning a segment of highway. In exchange for their participation in the program, a sign is erected within the limits of the adopted area recognizing their organization.

This program demonstrates another example of the partnership that exists between state government and its constituents. The Connecticut Department of Transportation welcomes the participation of volunteers in this continuing

effort to keep the roadsides of our state attractive and clean. Interested groups, together with their respective towns, are encouraged to partake in the Adopt A Highway programs.

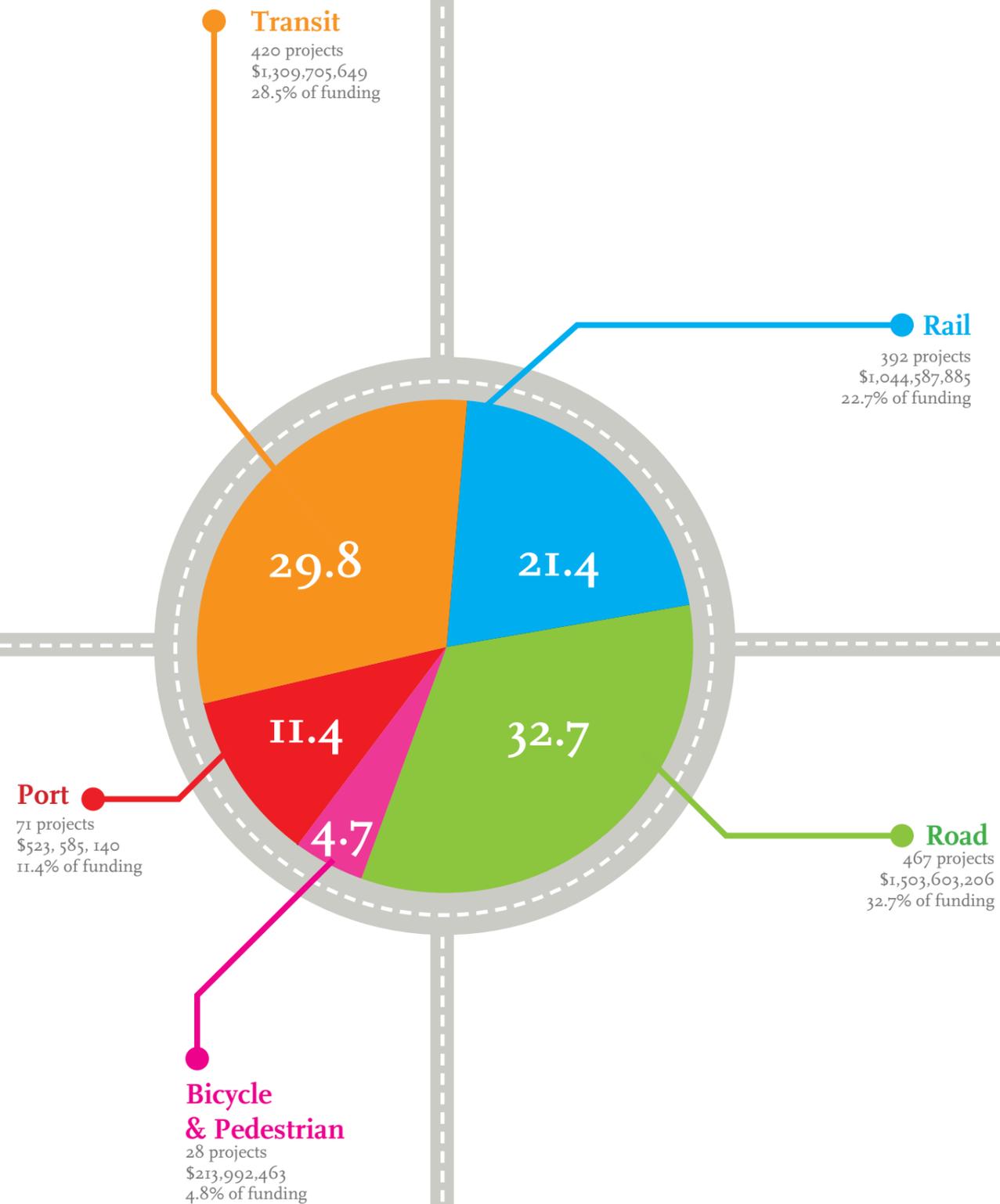
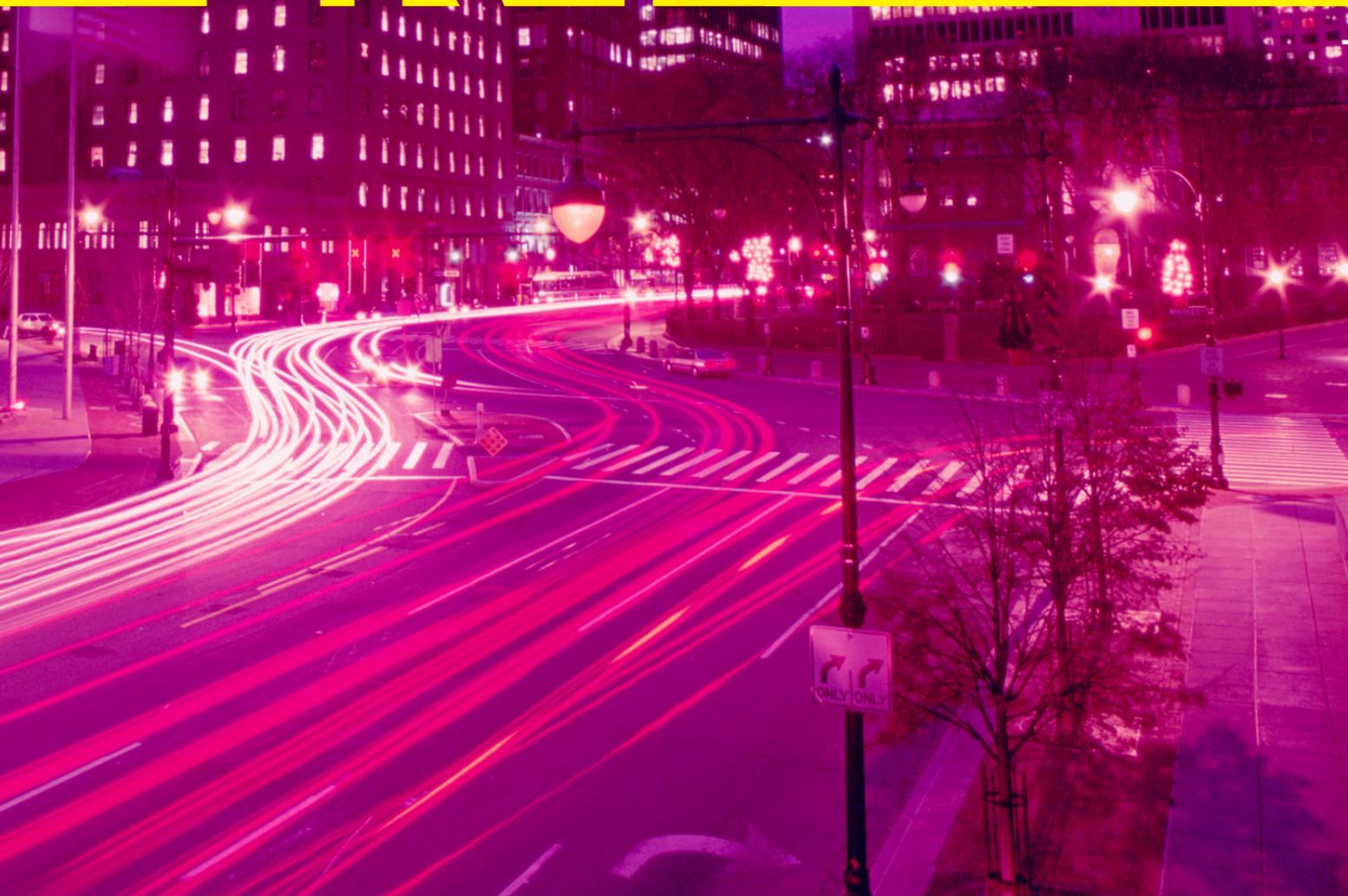
There are two types of Adopt A Highway Programs offered by the Connecticut Department of Transportation. One is for Interstate Highways, and the other is for State Secondary Roads. Limited access highways such as the Merritt and Wilbur Cross Parkways are excluded from the program.

# ROADS OVER PROJECTS INVESTMENTS

The Connecticut Department of Transportation believes that our transportation system is more than just a utility we use everyday.

We believe that our system is an investment. That's why we're investing in our transportation projects.

Our project will not only benefit travelers today, but for generations ahead. Evolution is in the air, and we strive to be part of it.



# ROADS OVER THE FUTURE CONSUMPTION



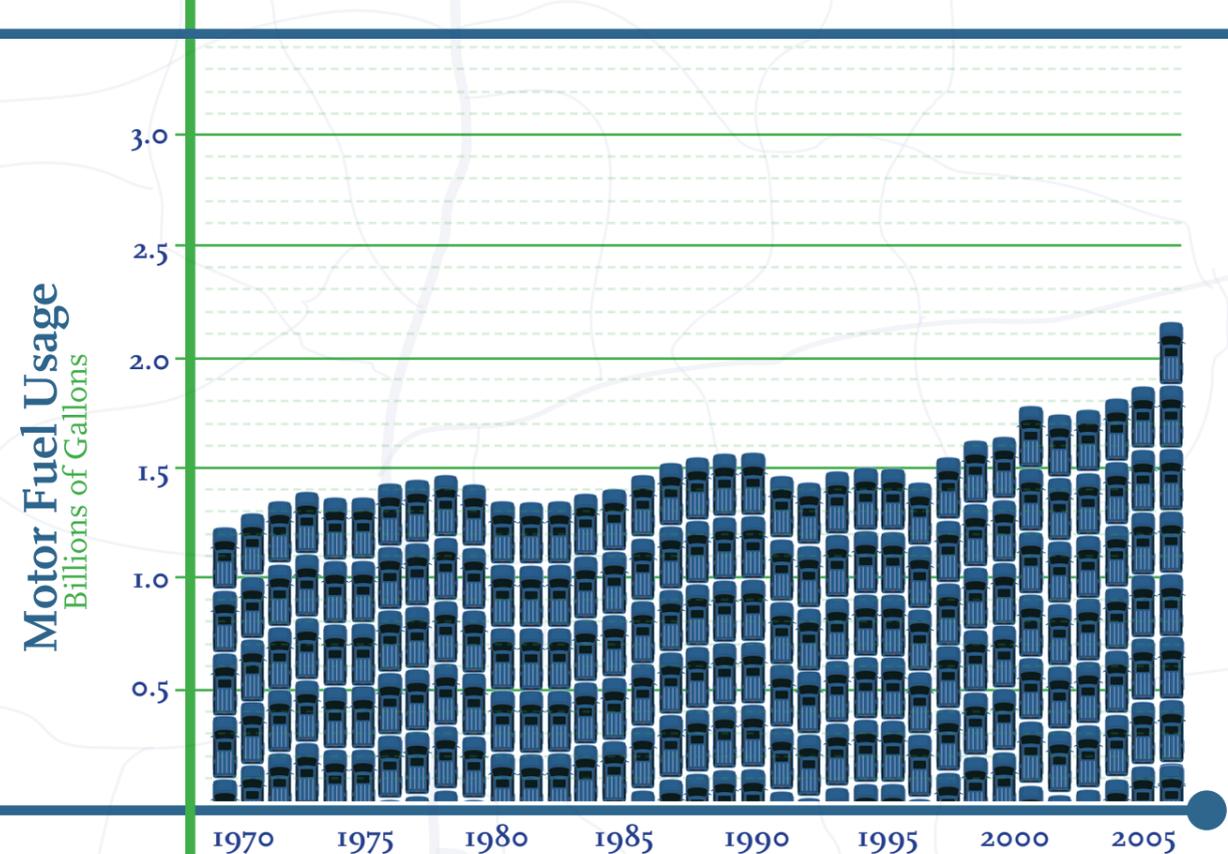
Transportation requires a massive amount of energy, and, except in the cases of bicycling and walking, this energy is provided by one of the various types of transportation fuels.

The term “motor fuel” applies to gasoline and all other fuels that are used for transportation.

In Connecticut, fuel vendors record the amounts of fuels sold and submit this information to the State for tax purposes. The graphic to the right presents historic motor fuel usage in Connecticut. This recorded fuel sales volume also serves as a measure of vehicle use.

Fuel trends are important because they tell our organization about how much energy is being consumed each year, and the population of travelers on the road, waterways and rails every day. Over the years, there has been a steady increase in fuel consumption across all forms of travel.

## Motor Fuel Usage in Connecticut



# DISCOVER HOW WE'RE CONNECTED

## CONNECTING CT CITIES

From north of Hartford to the New York-Connecticut Stamford area, the Connecticut Department of Transportation helps people move along the northeast corridor. We have been continuously improving roads such as major arteries like Interstate 95 and Interstate 91. In addition, we are improving the New Haven-Springfield train line which improves transit times from Hartford to New York City.

We know you've got things to do, and so do we. That's why traveling should be an effortless part of your day. Our constant improvements will make your day much easier traveling in the state of Connecticut.

### DID YOU KNOW

- The state of Connecticut has All of the State's ferry boats, commuter rail trains, and local and express buses accommodate space for bicycles.
- Today 40% of world's freight cargo is transported via trains, and that number continues to grow with each year.

Train service between Hartford and Springfield will be improved by our train track replacement project. This project includes replacement of older passenger cars, which will improve comfort among commuters in the state.

New Haven and Bridgeport train stations are receiving an upgrade which will include lounge style eateries and accessible public internet connections. Also, new ease-of-access signage will be installed to make finding your train easier.

HARTFORD

NEW HAVEN

BRIDGEPORT

# DISCOVER

# THE ROAD AHEAD

**JAN**

*By January of 2017, the reconstruction of Interstate 84 in Hartford will be complete.*

**APR**

*In April, construction on the Hartford-Springfield New Haven Fast Line will begin.*

**JUN**

*By June, all highway lights will have eco-friendly CFL lightbulbs through our green program.*

**AUG**

*During the month of August, all maintenance trucks and CT Fastrak buses will be powered by natural gas.*

**OCT**

*In April, construction on the Hartford-Springfield New Haven Fast Line will begin.*

**DEC**

*New interdepartmental initiatives for regional transportation road improvements*

At the Connecticut Department of Transportation, our goals are always changing. The year of twenty-seventeen will be an extraordinary one, with improvements to all of our roads across the state. With newly approved funds for various projects for all forms of transportation, Connecticut is leading the northeast in reform of transportation. The DOT has a very bright future, and will always be needed to upkeep the state's transportation system. Read some of our latest projects that will be undertaken in the year to come. These groundbreaking, revolutionizing projects reflect our values at the Connecticut Department of Transportation. For example, our new bikeway and pedestrian pathway along the Meritt Parkway near Stamford is underway; additionally we are revitalizing the capitol city's bus service. We're also not just thinking about ourselves: we're thinking about our earth, as well. If the cars traveling our roads are to be more envi-

ronmentally friendly, so will we. By June of 2017, all bulbs on highways and major routes will be equipped with new CFL lightbulbs, reducing energy consumption by 70%. Additionally, all of our fleets of public transportation vehicles, along with maintenance vehicles, will be powered

by natural gas. We will be cutting our smog emissions by over 75% to help go green. Moreover, we are working on our flagship of building a fast line connecting cities in Connecticut as well as nearby Springfield, Mass. When completed, the northeast cities of Hartford, Springfield, New Hav-

en and Manhattan will be more connected than ever before. We are proud to accomplish this flagship by the fall of 2017.

# DISCOVER

## HOW WE OPERATE

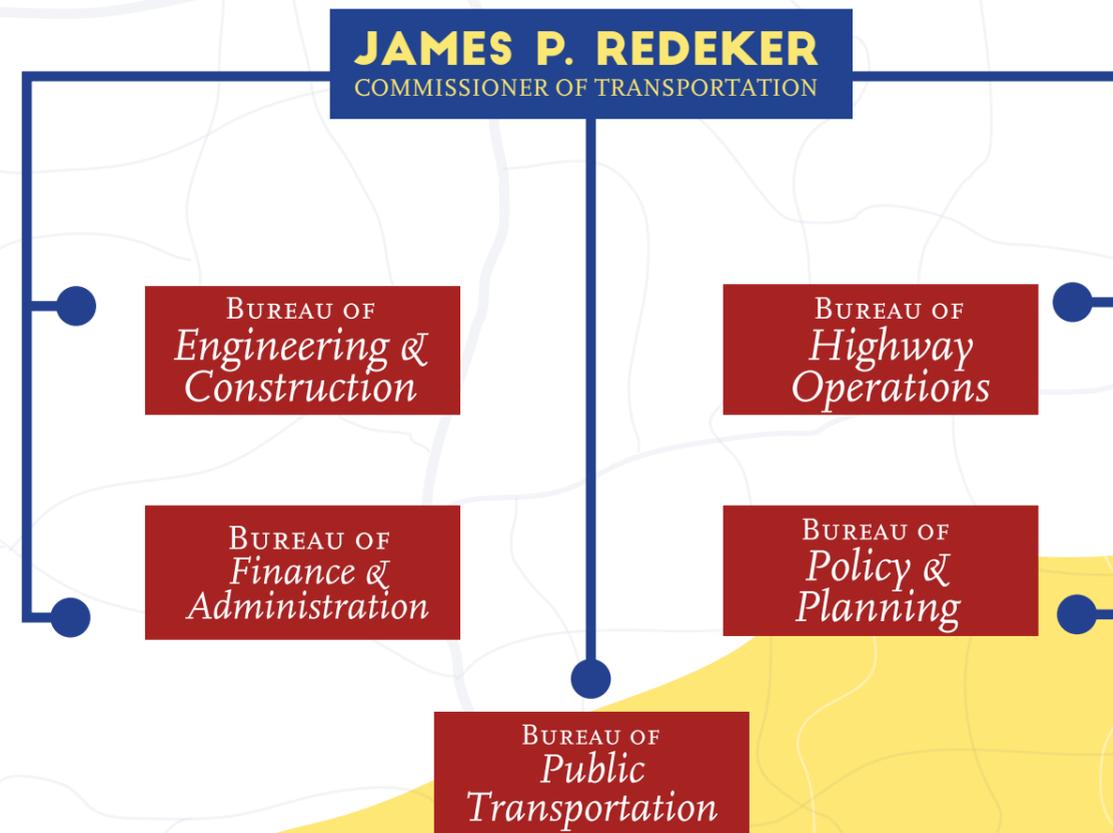
The Connecticut department of transportation is made up of five departments. Transportation commissioner James P. Redeker operates these departments. Operating under the commissioner, these departments are the Bureaus listed below. Our departments work simultaneously and efficiently to deliver a high quality service. Because of our workforce dedicated to professionalism, we render and complete all of our projects in a timely manner. We have a reputation of completing projects in accurate, professional methods that deliver top quality results

**ENGINEERING & CONSTRUCTION**  
**FINANCE & ADMINISTRATION**  
**HIGHWAY OPERATIONS**  
**POLICY & PLANNING**  
**PUBLIC TRANSPORTATION**

for travelers across Connecticut. This is your Connecticut DOT. Our departments work simultaneously and efficiently to deliver a high quality

service. Because of our workforce dedicated to professionalism, we render and complete all of our projects in a timely manner. We have a reputation of completing projects in accurate, professional methods that deliver top quality results for travelers across Connecticut.

This is your Connecticut DOT.



# DISCOVER YOUR CURRENT

A big part of our job at the Connecticut Department of Transportation is that of managing the waterways of our state. These include rivers, oceans and lakes. From the Farmington River in the greater Hartford area to the shoreline near Long Island Sound, our duty is to keep waterways clean, safe and usable for everyone. Our duties include but are not limited to licensing of boats and other water bound vehicles as well as keeping these waterways safe.

And, like with our public transportation switching over to natural gas, we are committed to taking care of our environment. Some of our duties include river and ocean cleanup as

well as penalties for those that do not comply with EPA standards. Perhaps you have ridden on the Long Island-Bridgeport ferry or have taken one of the Connecticut River ferryboats. Either way we believe our water systems are major part of life in Connecticut. That is why in 2014 we established the Connecticut Port Authority.

The Connecticut Port Authority is a quasi-public agency created through legislation Governor Dannel P. Malloy signed in 2014 that is responsible for marketing and coordinating the development of the state's ports

and maritime economy. The creation of the Connecticut Port Authority represents a major commitment by the Governor and the Assembly to invest in the state's port infrastructure to create jobs and attract private investment to the state.

The revitalization of Connecticut is deeply tied to the sea. Ports must be tied into the larger infrastructure of a state to be part of a strategic approach of leveraging assets to their greatest effect. The creation of the Connecticut Port Authority (CPA) represents a major commitment by the Governor and the Assembly to invest

in Connecticut's port infrastructure to create jobs and attract private investment to the State. Per the legislation, the CPA's primary role will be to coordinate port and maritime economic development, establish a statewide port marketing strategy, and serve as the lead agency in seeking federal and state funding for infrastructure improvements such as dredging.

If our state depends on waterways, we want them to be the best that they can be. Our partnerships with green-initiative driven organizations keep our waterways both safe and usable.

The Connecticut Department of Transportation maintains all of the state's bridges and highways. In addition to numerous highway improvement projects, we continuously improve the infrastructure of our bridges.

The division of bridges manages, directs, and coordinates all activities performed by the following engineering sections: Bridge Design, Bridge CLE Design, Major Bridges, Bridge Safety and Evaluation, Hydraulics & Drainage, the Local Bridge Program, Alternative Project Delivery, and the Bridge Management unit. Theodore H. Nezames, P.E., is the manager of bridges.

The Office of Construction (OOC) supports the Construction Administrator and the Construction Division Chief in administrative oversight and coordination of the Construction Division within the Department of Transportation Bureau of Engineering and Construction.

The OOC along with an Advisory Team helps successfully build our state's bridges. The role of the Advisory Team has been expanded to encompass other areas of construction. The Office of Construction Advisory Team's primary role is to continually provide technical support to the Connecticut Department of Transportation units to improve the design, construction, and administration of various statewide construction projects.

Also serving primarily as a link between designers and construction engineers, the goal of the team is to accomplish the following:

Emphasize the application of construction best practices and consistency through the proper use of Contract Plans and Specifications, the Construction Manual, the Municipal Manual, and Construction Inspectors Checklists, and serve as a resource to design engineers to help develop project designs and formulate Contracts that can be administrated efficiently by the various Construction Districts to minimize construction issues.

We promote quality finished projects through the use of well-developed plans, specifications, and guidance documents. and conduct periodic field reviews, constructability reviews, Work Zone Safety reviews, and post construction reviews to construction and design engineers.

Identify reoccurring design and construction issues and inconsistent construction practices throughout construction districts and make recommendations for improvement: these are the goals of all departments that handle our state's highways and bridges. The main portion of the state that deals with more complex bridges are the shoreline areas of Connecticut.

DISCOVER

HIGHWAYS  
AND BRIDGES

The Connecticut Airport Authority was established in July 2011 to develop, improve and operate Bradley International Airport and the state's five general aviation airports (Danielson, Groton-New London, Hartford-Brainard, Waterbury-Oxford, and Windham airports). The board consists of 11 members with a broad spectrum of experience in aviation-related and other industries as well as government. The CAA serves as an economic driver in Connecticut, making the state's airports more attractive to new routes, new commerce, and new companies who may be considering making Connecticut their home.

Bradley International Airport is more than the second largest airport in New England.

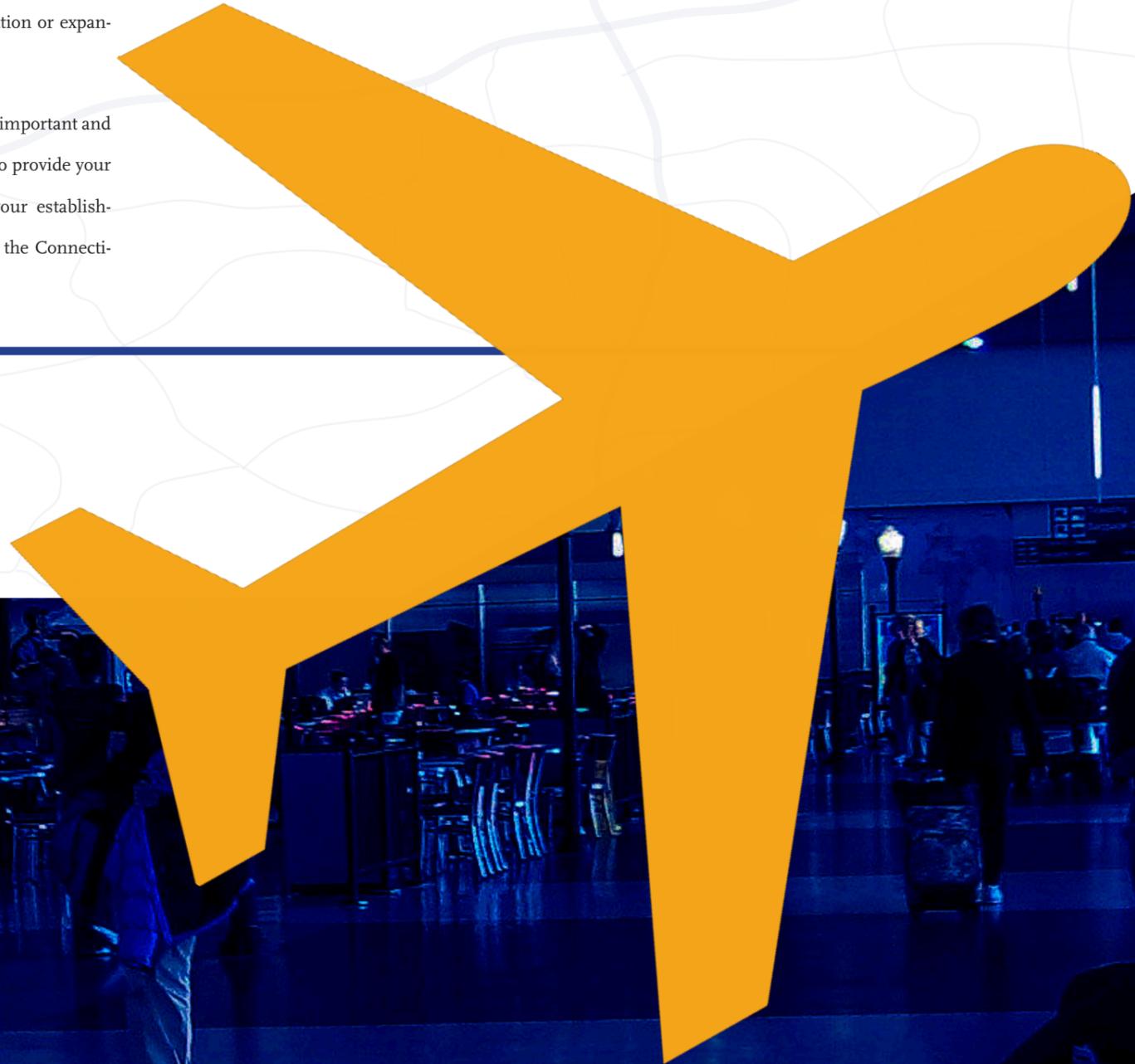
Its service area covers the entire Northeast, including Western Massachusetts, New York, and New Jersey. It contributes \$4 billion in

economic activity to the state of Connecticut and the surrounding region, representing \$1.2 billion in wages and 18,000 full-time jobs.

As a major hub of the region's economy, Bradley International Airport is an exceptional place to do business, offering a busy and dynamic business environment connected to major transportation infrastructure and a diversified labor force. Business leaders exploring relocation or expansion opportunities should contact the CAA.

Providing courtesy shuttle service makes an important and lasting impression on your valued guests. To provide your service at Bradley International Airport, your establishment must first enter into Agreement with the Connecticut Airport Authority.

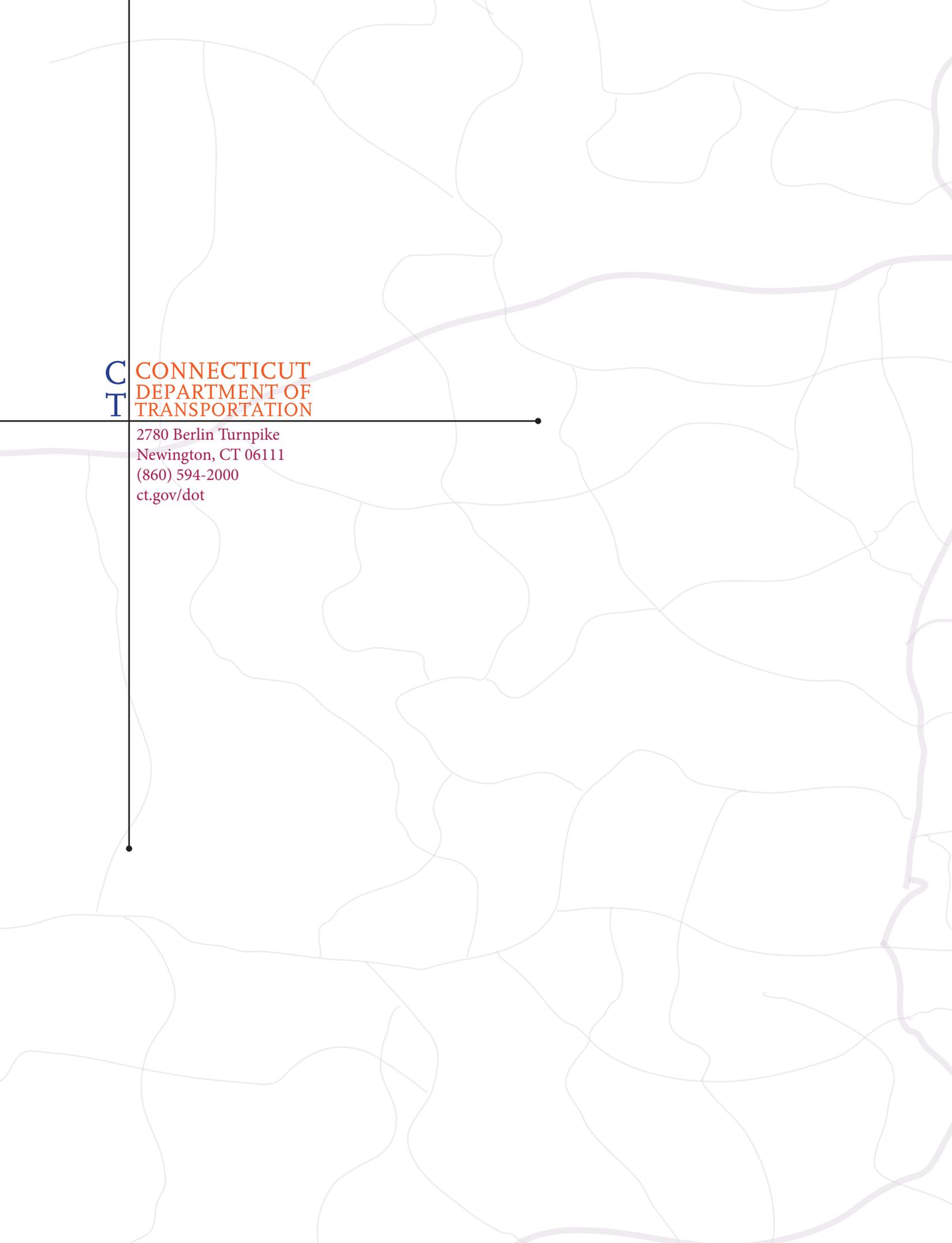
*Here at the Connecticut Department of Transportation, our responsibilities range from more than just highways, boats and trains. We're in the air with you. We're on the ground with you. And we're always trying to succeed with you. That's why we're also about the customer experience. We provide not only free shuttle services at Bradley International Airport, but we also streamline our services to make your travel easier.*



**DO NOT  
RUNWAY  
YOUR**

**“BEAUTY IS AND  
ALWAYS WILL BE  
BLUE SKIES AND  
OPEN HIGHWAY.”**

Dave Hickey,  
The Invisible Dragon: Essays on Beauty

A stylized map of Connecticut is shown in the background, composed of light gray outlines of the state's irregular shape. A vertical line and a horizontal line intersect at the center of the map. A thick, light gray road line runs horizontally across the map, passing through the center. The letters 'C' and 'T' are positioned vertically on the left side of the horizontal line, with the 'C' above and the 'T' below. The text 'CONNECTICUT DEPARTMENT OF TRANSPORTATION' is written in orange, stacked vertically to the right of the 'C' and 'T'.

**C**  
**T** **CONNECTICUT**  
**DEPARTMENT OF**  
**TRANSPORTATION**

2780 Berlin Turnpike  
Newington, CT 06111  
(860) 594-2000  
[ct.gov/dot](http://ct.gov/dot)