UNH Project Overview
The University is submitting an application to the NHDOT Bureau of Rail & Transit for five prioritized projects to utilize state FY’16 apportioned Federal Transit Administration (FTA) funding under the 5339 Bus & Bus Facilities program. The NHDOT serves as administrator for selection of projects under this state allocation program and selects which, if any, UNH projects might be funded under this program. If selected, projects would be 80% federally funded with the University providing 20% local match.

#1 Real-Time Transit Display Expansion
Funding to install two new real-time passenger information display panels for Wildcat Transit/Campus Connector stops at Kingsbury Hall (McDaniel Drive) and Hetzel Hall (Main Street) in Durham. The installation of these displays builds on the University’s real time transit information system, NextBus, which went live in 2013 and provided more than 8.5 million requested predictions in its first two years of operation. These locations are identified as high volume stops where signs demonstrate a high cost-benefit.

#2 CNG Fuel Station Emergency Power Generator
Purchase and installation of emergency power generator for UNH-Durham compressed natural gas (CNG) fueling station. Installation of this generator will allow for 24/7 365 day/year continuity of operations regardless of weather or emergency situations. This generator will provide invaluable fuel access to the University and state fleets to ensure public safety is not jeopardized due to inclement weather or emergent situations. CNG use continues to grow at UNH and now represents approximately 40% of transit fleet fuel use - over 52,000 gge in FY 14. The installation of this generator will allow the University to further increase use of CNG in its vehicle fleet.

#3 DOT Liquid Fuel Station Emergency Power Generator
Purchase and installation of emergency power generator for UNH-HDOT govt fleet liquid fuel station and UNH Fleet Maintenance Garage. Installation of this generator will allow for 24/7 365 day/year continuity of operations regardless of weather or emergency situations. This generator will provide invaluable fuel access to the University, State and local municipal fleets to ensure public safety is not jeopardized due to inclement weather or emergent situations. This generator will also power the UNH Fleet Maintenance garage maintaining compressed natural gas (CNG) monitoring and ventilation equipment on-line at all times.
#4 Mc Daniel Drive Transit Stop Expansion  
**Total Cost: $101,000**

Funding for design and construction to lengthen the bus pullout at Kingsbury Hall on McDaniel Drive in the heart of the UNH campus in Durham. This stop currently only accommodates one bus leaving trailing buses to wait in the travel lane blocking traffic and creating unsafe conditions as vehicles attempt to pass and pedestrians attempt to cross in this high volume area. This construction project will lengthen the transit stop allowing two buses to access the stop in a more fluid manner decreasing dwell time and freeing the flow of traffic to increase safety.

#5 Campus Transit Stop Enhancements  
**Total Cost: $45,000**

Funding for the installation of new concrete pads, shelters and safety lighting as required at the McDaniel Drive and Main St West bus stops on the UNH campus in Durham. Peak passenger volumes of >100 boarders/hour at the McDaniel Drive stop currently overwhelms the single bus shelter and do not allow for reasonable access to the facilities which hinders public access to transit. The shelter installed on Main Street West will allow for the expanded utilization of this main-line stop which permits more efficient on-campus route operation reducing passenger travel time which has been documented in UNH surveys as the greatest barrier to use of transit to peripheral housing and parking on campus.

**UNH Transit**

University of New Hampshire – Durham operates two transit systems which are open to the public and serve nine communities in the Seacoast, New Hampshire. In FY 2015, the systems provided a combined 1.3 million passenger trips. UNH is an FTA grantee and has successfully implemented numerous federal and state grant funded projects. The transit system operation expenses are primarily funded through student and UNH community investments. UNH Transit capital expenses benefit from FTA investment which is matched by UNH local funding.

This grant application presents projects in prioritized order. All projects selected for funding would be implemented by UNH Facilities and UNH Transportation Services over the course of the upcoming fiscal year. To find out more about UNH Transit go to [www.unh.edu/transportation](http://www.unh.edu/transportation)