

**GREATER BRIDGEPORT REGIONAL LONG RANGE TRANSPORTATION
PLAN: 2007 ~ 2035**

RECOMMENDED PROJECTS AND PROGRAMS

Public Transit Systems

Sector	Recommended Project Description	Estimated Cost (\$000)
Bus Capital Costs	<ul style="list-style-type: none"> • Modify and revise routes and service to optimize resources, including implementing flexible community service in Stratford. • Complete construction of the new downtown Bridgeport bus terminal. • Bus Replacement -- Replace transit vehicles on a life-cycle cost basis, purchase various administrative & maintenance capital equipment, rehabilitate local bus facilities & upgrade various field amenities to preserve and maintain essential local bus and • Expand weekday, evening & weekend service hours & frequency, institute new routes to meet the needs of bus users & add express & limited stop routes • New Buses - Acquire new buses to expand fleet & operate enhanced service hours & routes • Transfer Hubs -- Develop satellite transit hubs and transfer centers 	
	Estimated Cost:	\$104,678.5
Bus Operating Costs	<ul style="list-style-type: none"> • Provide full funding for fixed-route bus and paratransit operations • Provide funding for New Freedom Initiatives program & enhance human services transportation for the region's elderly and disabled • Provide funding for Job Access & Reverse Commute program & implement transit service enhancements to provide better access to suburban job sites and reverse • Develop & implement a coordination plan for human services transportation, job access and reverse commute enhancements & New Freedom Initiative programs 	
	Estimated Cost:	\$290,458.9
Regional Rail Station Projects	<ul style="list-style-type: none"> • Preserve and maintain the New Haven line right-of-way in a state of good repair, & modernize, rehabilitate & replace catenary, structures, track & bed (state) • Purchase new commuter rail fleet to replace the aging M-2 vehicles (state) • Stratford Rail Station Commuter Parking Facility -- Construct a new, four story parking garage to provide ±600 spaces & provide pedestrian friendly pathways • Bridgeport Intermodal Transportation Center -- Construct a regional, multi-modal transportation center in downtown Bridgeport, including a new rail station, bus terminal & commuter parking garage, & provide pedestrian pathways between the facilities • Fairfield Metro Center -- Construct a new rail station with accessible platforms and elevators in Fairfield near Commerce Drive, a ±1,500-space parking lot, a new four-lane access road & bridge, & covered, high-level platforms. • Lengthen platforms at the Fairfield and Stratford rail stations and install canopies 	
	Estimated Cost (Excludes state rail projects):	\$130,150.0
Passenger Ferry Services	<ul style="list-style-type: none"> • Water Street Dock -- Rehabilitate & restore the dock to maintain in the state of good repair • Water Street Dock -- Construct a second berth to expand ferry services. • Passenger Ferry Services -- Construct 200-space parking garage for ferry customers • Extend the pedestrian boardwalk along the Pequonnock River to link the Water Street Dock with the Housatonic Railroad shared-use trail • High Speed Ferry -- Develop & implement high speed ferry service between Bridgeport, Stamford and Manhattan, construct terminal & make landside & waterfront improvements necessary to support the new service 	
	Estimated Costs:	\$18,700.0
	Total Estimated Cost -- Public Transportation System:	\$0.0

Highway System		
Sector	Recommended Project Description	Estimated Cost (\$000)
Expressway Improvement Projects	<ul style="list-style-type: none"> I-95: Construct various ramp & lane continuity projects to eliminate weave sections & lengthen acceleration and deceleration lanes I-95: Reconstruct & reconfigure Interchange 24 at US Route 1 in Fairfield I-95: Improve Interchanges 31 & 32 & ramp configurations in Stratford I-95: Improve Interchange 33 & ramp configuration in Stratford I-95: Replace, renovate & improve the service plaza in Fairfield Route 15: Realign, reconfigure & improve Interchange 46 Route 15: Replace, renovate & improve service plaza in Fairfield Route 8/25: Modify approach to I-95 & eliminate weave Route 8: Widen & add-a-lane along NB section at split with Route 25 Route 25: Construct new partial interchange at Whitney Avenue in Trumbull 	
	Estimated Costs:	\$243,154.7
Arterial Improvement Projects	<ul style="list-style-type: none"> US Rte 1: Minor widening to provide lane continuity and uniform road width US Rte 1: Realign Circle at Black Rock Tpke in Fairfield US Rte 1: Realign Circle at Route 130 in Fairfield US Rte 1: Add turn lanes & construct intersection improvements at various locations Route 25: Intersection & traffic signal improvements at various locations in Trumbull & Monroe (short term) Route 25: Major Widening to 4 lanes from Route 111 to Newtown town line (long term) Route 111: Major widening to 4 lanes from Purdy Hill Road to Elm Street in Monroe Route 111: Minor widening with center turn lane from Elm Street to Cross Hill Road in Monroe Route 111: Minor widening from Cross Hill Road to Fan Hill Road in Monroe Route 111: Realign intersection at Route 110 Daniels Farm Road: Minor widening & safety improvements 	
	Estimated Costs:	\$127,128.3
Bridge Rehabilitation & Replacement Program	<ul style="list-style-type: none"> Congress Street: Replace drawbridge over Pequonnock River in Bridgeport Mill Plain Road: Replace bridge over Mill River in Fairfield 	
	Estimated Costs:	\$31,250.0
Seaview Avenue Corridor Project	<ul style="list-style-type: none"> Construct new 6-lane, limited access arterial from Route 130 to US Route 1, including new rail bridge, west of existing arterial Extend new arterial from US Route 1 to Lake Success Business Park 	
	Estimated Costs:	\$177,400.0
Major State Projects	<ul style="list-style-type: none"> I-95: Replace bridge over the Housatonic River & Naugatuck Avenue at Straford-Milford town line Route 34: Replace bridge carrying Route 34 over the Stevenson Dam & relocate upstream 	
	Estimated Costs:	\$152,285.0
Congestion Management System Projects	<ul style="list-style-type: none"> Coordinate the regional CMS process (Tier 2) with the state-wide system (Tier 1) Route 25 CMS Program: Various intersection improvements, traffic signal optimization actions & access management strategies Route 58 CMS Program: Minor widening, add turn lanes, traffic signal revisions & access management strategies 	

	<ul style="list-style-type: none"> • US Route 1 CMS Program: Lane continuity, traffic signal revisions, access management strategies & Fairfield Center intersection improvement program • Enhanced TDM Program: Promote & support area-wide & employer-based ridesharing programs, develop telecommuting & alternate work schedules projects, & implement personalized public transit to/from rail stations • Traffic Signal Modernization Program: Complete traffic signal modernization, interconnection & coordination project, including installing fiber optic communication & upgrading control center hardware & software in Bridgeport & traffic signal modernization, as needed, regionwide • I-95 Congestion Relief Strategies: Future/long term state-initiated (ConnDOT) strategies to relieve/ alleviate congestion on I-95, including ramp metering, specialized HOV lanes & ramps, ramp closures/consolidations, & congestion value pricing (TBD) 	
	Estimated Costs:	\$69,140.4
Intelligent Transportation Systems (ITS) Program	<ul style="list-style-type: none"> • GBTA Advanced Communications System: CAD, AVL, smart bus technologies & wireless communications • Active Real Time Information System for Transit: Provide real-time traveler information, install DMS, wayfinding signs & kiosks • Archived Data Management System: Collect, stor, manipulate & disseminate archived transportation data • Enhanced Corridor & Highway Operations: Install DMS, CCTV, roadway detectors/sensors, transit signal priority, implement drawbridge management system & expand I-95 incident management program • Parling Routing & Event System for Traffic Operations: Provide route guidance, install real-time DMS, implement advanced parking management & oeprate reversible lanes • Regional Electronic Transit Fare Integration System: Integrate transit fares & develop electronic fare payment • Transportation Emergency & Personal Security: Enhance emergency detection & response, install CCTV & emergency aid call boxes, & provide on-borad transit vehicle survaillance & incident detection 	
	Estimated Costs:	\$26,216.3
Bicycle Facility & Pedestrian Programs	<ul style="list-style-type: none"> • Develop regional bicycle route system • Compete construction of the regional Housatonic Railroad Trail Project in Trumbull & Bridgeport & extemd to the Water Street Dock & Pleasure Beach • Develop & construct the Housatonic River Greenway in Stratford from Stratford Point to Roosevelt Forest • Investigate feasibility of developing a continuous shared-use trail within the corridor of the Merritt Parkway Greenway • Create more walkable environments & enhance pedestrian safety regionwide • Implement a Safe Routes to School program & identify appropriate measures to increase the number of students walking or bicycling to school 	
	Estimated Costs:	\$36,272.9
Transportation Security	<ul style="list-style-type: none"> • Implement various countermeasures & adavnaced technologies to secure critical transportation infrastructure, inform public travelers about natural and manmade disasters & detect security breaches (TBD) 	
	Estimated Costs:	\$100,000.0
Highway System Preservation	<ul style="list-style-type: none"> • Implement & construct general rehabilitation projects to maintain systm in state-of-good repair (TBD) • Replace, rehabilitate & restore various highway bridges determined to be deficient -- State Bridge Project & Local Bridge Program (TBD) • Preserve & maintain the expressway & arterial systems in the state of good repair through periodic resurfacing, reconstruction, rehabilitation and safety projects (TBD) 	
	Estimated Costs:	\$400,000.0
Freight & Goods Mobility	<ul style="list-style-type: none"> • Continue freight mobility planning & encourage enhanced state efforts to collect & disseminate more accurate, pertinent & up-to-date regional freight data, model freight 	

	<ul style="list-style-type: none"> • Construct various modest roadway improvements, such as traffic signal revisions, large curb radii, pavement structure rehabilitation and high visibility lane markings • Implement a short-sea feeder barge operation for containerized freight from the New York & New Jersey ports to Bridgeport • Construct landside infrastructure improvements to support operation of short-sea container barge operation • Improve & develop strategic freight corridors, including constructing the Seaview Avenue Corridor Project, upgrading US Route 1 & constructing various lane continuity & • Investigate feasibility of enhancing opportunities to increase rail freight. • Assess (ConnDOT) appropriateness of various freight-related ITS actions & identify those elements that should be integrated into the regional architecture. • Implement & construct general rehabilitation projects to enhance movement of freight & goods (TBD) 	
	Estimated Costs:	\$5,600.0
Flexible Highway Design & Environmental Mitigation	<ul style="list-style-type: none"> • Implement a Context Sensitive Solutions approach to the development & design of transportation projects & action that is collaborative, interdisciplinary & involves all stakeholders. • Implement Access Management Programs along Route 25 in Monroe and Route 58 in Fairfield, as well as other arterials to be determined, to preserve the integrity of arterial traffic while maintaining essential access to adjacent property by modifying driveways • Establish municipal Traffic Calming Programs & develop measures to slow traffic speeds or divert traffic, especially along residential streets • Address potential environmental & cultural impacts from transportation actions & project through the conduct of environmental assessments • Mitigate environmental & cultural impacts 	
	Estimated Costs:	Included
	Total Highway System:	#VALUE!
Aviation System		
Sector	Recommended Project Description	Estimated Cost (\$000)
Sikorsky Memorial Airport Improvements	<ul style="list-style-type: none"> • Construct runway safety area improvements for Runway 6/24 & Runway 11/29 • Relocate Route 113 to accommodate the runway safety area improvements • Construct various taxiway & runup apron improvements • Rehabilitate runway pavement structure for Runway 6/24 & Runway 11/29 • Construct new ramp areas • Construct new hangars • Purchase various capital equipment 	
	Total Aviation Services:	\$50,560.0
Total Cost: Regional Transportation Plan: 2007 ~ 2035		\$0.0