

**STRATEGY REFINEMENT AREAS SELECTED FOR PROJECT CONCEPT REPORTS
WORKSHOP OF DECEMBER 10, 2008**

SELECTED REFINEMENT AREAS

Strategy Category	Refinement Area	Descriptive Statement
Ridesharing/Transit Support	Bicycle and Pedestrian Facilities in Bergen County	Create appropriate and safe bicycle and pedestrian facilities in an area of Bergen County to be determined in consultation with the county
	Hudson & Meadowlink TMAs Employer Based Rideshare Programs	Create ridesharing and vanpool programs to areas in Hudson County not well served by traditional transit service.
	Expansion of Shuttle Service and Park & Ride lots along Morris & Essex Line	Where possible, expand Park and Ride lots along the Morris & Essex Line between Summit and Dover and investigate local shuttle service to improve access to rail stations.
	Bicycle and Pedestrian Facilities in Passaic County	Create appropriate and safe bicycle and pedestrian facilities in an area of Passaic County to be determined in consultation with the county
	RVL Shuttle Study in Somerset (Routing and Funding)	Determine routing for and identify long-term funding sources for rail shuttles around RVL stations in Somerset county.
	Regionwide Shuttle Study	Study funding, purpose, market served (ie industrial, commuter, retail) and needs for shuttle services. Identify criteria to assist in evaluating and funding shuttles. Potentially use Route 22 Shuttle in Union as a case study.
	NEC Shuttle Study (Including Routing and Funding)	Determine routing for and identify long-term funding sources for rail shuttles around Northeast Corridor stations in Middlesex and Union Counties.
Public Transit Enhancement	Transit Service Jersey City to Secaucus	Provide improved transit service from residential areas in Jersey City to industrial and retail employment centers in Secaucus. This would be a status report of the results of all previous studies.
	Express Bus Route 9 & 18 Corridor to New Brunswick	Investigate express bus service from outlying park and rides to New Brunswick along Routes 9 & 18, and develop methods to prioritize bus mobility in the corridor.
	Reverse Transit Service from Hudson/Newark to Suburban Essex/Morris	Study reverse peak transit service from Hudson county to job centers in Essex and Morris Counties including Livingston, East Hanover and Parsippany.
	Intermodal Transit Hub in Elizabeth	Develop an intermodal transit hub in Elizabeth to efficiently deal with the growing bus and rail service in the area and provide room for future expansions.
	Bus Service Route 9 Corridor (Ocean, Monmouth, Middlesex) to Midtown Manhattan	Study improving bus service from the Route 9 corridor in Ocean, Monmouth and Middlesex Counties to Midtown Manhattan, including destinations outside the Port Authority Bus Terminal.
	Regionwide Transit ITS	Study using technology to improve transit operations region-wide including, but not limited to real-time information for operators and passengers and improved communication between vehicles and operations management.
	BRT Study around Attractors in Bergen County	Study BRT concepts in Bergen/Passaic area such as a bus service circulator around the River Edge Rail Station, regional shopping areas and the Hackensack Hospital in Bergen County
	Express Bus from Rts 9 and 35 to Metropark	Create express bus service from the Route 9 and 35 corridors in Ocean and Monmouth counties to Metropark and surrounding areas.
	BRT study for Paterson-Hamburg Turnpike and Main Street	Study BRT concepts for bus service along Main Street in Paterson and Paterson-Hamburg Turnpike between Paterson and Wayne.
	Study Express Bus Rt 27	Study concepts for express bus service along Route 27 through Franklin Township between Princeton and New Brunswick.
Passaic-Bergen Line Extension to Butler Area	Extend the Passaic-Bergen Line from its current planned terminus in Hawthorne to Butler area.	
Roadway Improvements	Congestion Management along I-280 in Downtown Newark Area	Create methods and facilities to manage congestion causing incidents and improve ramps on I-280 in Downtown Newark, a major regional facility
	Clinton Area Operational Improvements	Study operational improvements along I-78 and Route 31, including signal timing, intersection configuration and ramp design to alleviate congestion in Clinton Townshp
	Operational Improvements along Rts 33/66, GSP-Shore	Study operational improvements along Routes 33 and 66 between the Garden State Parkway and the Shore, including signal timing, intersection configuration and ramp design to alleviate congestion on this important East-West route in Monmouth County.
	Operational Improvements along Rts 70/88 in Lakewood -Pt. Pleasant	Improve roadway operations along Routes 70 & 88 in the Lakewood-Point Pleasant area by improving signal timing, mitigating bottlenecks, and re-configuring intersections along this major East-West corridor in Ocean County
	Operational Improvements along Rt. 23 in Hamburg- Franklin	Improve roadway operations along Routes 23 in Sussex County area by improving signal timing, mitigating bottlenecks, and re-configuring intersections along this major regional corridor.
	Congestion Mitigation along Rt. 22 in Phillipsburg Area	Investigate mitigating congestion in the Phillipsburg area by improving signal timing and re-configuring intersections.
	Comprehensive Roadway Improvements Strategies along Rt 18 in East Brunswick	Investigate operational improvements at intersections along Route 18 in East Brunswick to mitigate congestion and improve access to transit and pedestrian facilities.
	Comprehensive Roadway Improvements Strategies along I-80	Improve operations along I-80 in Morris county by improving interchanges and using technology to manage incidents and deliver real-time driver information.
	Comprehensive Roadway Improvements Strategies along Rt. 202	Improve operations along Route 202 in Hunterdon county by improving intersections, using technology to manage incidents and deliver real-time driver information, and managing access.

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Freight Improvement	Regionwide ITS Development and Deployment	Study and apply operation/safety technologies for freight-related incident and construction management, roadway safety and congestion, cargo security and road operation throughout of the Core Freight Facilities Area.
	Improve Connectivity in Jersey City/Kearny/Newark area	Improve the operation of major rail bottlenecks, to facilitate region-wide movement of rail freight and RVL transit service, including Marion Jct., eastern end Lehigh Valley Line, and Port Jersey Junction.
	Improve Infrastructure to Handle Large Cargo Vessels	Improve the port to handle larger cargo vessels by improving port access, dock facilities, truck and rail access, and support areas.