

Bow-Concord I-93 Transportation Planning Study

ALTERNATIVE SCREENING CRITERIA

The Bow-Concord section of Interstate 93 (from the I-89 interchange to the I-393 interchange) serves as a critical link for New England-wide travel to the White Mountains, the Lakes Region and Vermont, a regional commuting route for Concord, as well as an important local route for Bow, Concord and the surrounding area. The continued pressures of high traffic volumes and safety concerns have led to this study of the I-93 Corridor through Bow and Concord.

The purpose of the alternative screening is to evaluate whether an alternative concept is effective in addressing the problems, concerns and opportunities defined for the project. The following criteria and measures will be used during the planning phase to determine the reasonable range of alternatives. The criteria are arranged in three main categories: transportation issues, community issues and resource issues.

Transportation Issues

Safety

- Evaluate the effectiveness of the concept to improve safety on I-93.
- Evaluate the effectiveness of the concept to improve safety on I-89.
- Evaluate the effectiveness of the concept to improve safety on I-393.
- Evaluate the effectiveness of the concept to improve safety on local streets.
- Evaluate the effectiveness of the concept to improve safety for pedestrians and bicyclists.

Comments:

Score				
--	-	0	+	++

Mobility

- Evaluate the effectiveness of the concept to provide mobility for tourists through the region during peak periods.
- Evaluate the effectiveness of the concept to provide mobility for commuters to and from the region during peak periods.
- Evaluate the effectiveness of the concept to provide mobility for local traffic movement during peak periods.
- Evaluate the effectiveness of the concept to provide mobility for pedestrians and bicyclists.

Comments:

Score				
--	-	0	+	++

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Transportation Issues

Access

Evaluate the access provided to and from I-93 in Bow by this concept.
 Evaluate the access provided to and from I-93 in Concord by this concept.
 Evaluate the access provided to and from I-93 in Pembroke by this concept.
 Evaluate the access provided to and from the tourist destinations to the north by this concept.

Comments:

Score				
--	-	0	+	++

Transportation Choice

Evaluate the effectiveness of the concept to provide rail service to the region.
 Evaluate the effectiveness of the concept to expand bus service in the region.
 Evaluate the effectiveness of the concept to improve pedestrian and bicycle facilities in the region.

Comments:

Score				
--	-	0	+	++

Implementation

Evaluate the cost of the concept.
 Evaluate whether the concept could be implemented in phases over a period of time.
 Evaluate the ability of the concept to maintain mobility and access during construction.

Comments:

Score				
--	-	0	+	++

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Community Issues

Community Vision

Evaluate whether the concept includes the visions and major elements of the Bow Master Plan.

Evaluate whether the concept includes the visions and major elements of *MasterPlan Concord*.

Evaluate whether the concept includes the visions and major elements of the Pembroke Master Plan.

Evaluate whether the concept includes the visions and major elements of the master plans from the other communities in the region?

Evaluate whether the concept supports the land use plans from the Bow Master Plan.

Evaluate whether the concept supports the land use plans from *MasterPlan Concord*.

Evaluate whether the concept supports the land use plans from the Pembroke Master Plan.

Evaluate whether the concept supports the land use plans from the master plans from the other communities in the region.

Evaluate the potential impacts the concept would have on population and employment growth in the region.

Comments:

Score				
--	-	0	+	++

Economic Vitality

Evaluate the potential impacts to Bow's businesses and commercial districts.

Evaluate the potential impacts to Concord's businesses and commercial districts.

Evaluate the potential impacts to Pembroke's businesses and commercial districts.

Evaluate the effects to anticipated economic initiatives in Bow.

Evaluate the effects to anticipated economic initiatives in Concord.

Evaluate the effects to anticipated economic initiatives in Pembroke.

Comments:

Score				
--	-	0	+	++

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Community Issues

Aesthetics

Evaluate the views from I-93 of the adjacent communities.

Evaluate the views of I-93 from the adjacent communities.

Evaluate the views from the Merrimack River.

Comments:

Score				
--	-	0	+	++

Residential Neighborhoods

Evaluate the effect the concept would have on Existing Residential Neighborhoods.

Evaluate the effect the concept would have on Planned or Developing Residential Neighborhoods.

Comments:

Score				
--	-	0	+	++

Public Support

Evaluate the support from the public in Bow for this concept.

Evaluate the support from the public in Pembroke for this concept.

Evaluate the support from the public in Concord for this concept.

Evaluate the support from the public in the other communities in the region for this concept.

Comments:

Score				
--	-	0	+	++

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Resource Issues

Natural Environment

- Evaluate the effect the concept would have on wetlands.
- Evaluate the effect the concept would have on floodplains.
- Evaluate the effect the concept would have on water resources.
- Evaluate the effect the concept would have on rare species and habitat.
- Evaluate the effect the concept would have on wildlife habitat and fisheries.
- Evaluate the effect the concept would have on conservation lands.
- Evaluate the effect the concept would have on unfragmented habitat.
- Evaluate the effect the concept would have on farmland.

Comments:

Score				
--	-	0	+	++

Historic and Archeological Resources

- Evaluate the effect the concept would have on historic resources.
- Evaluate the effect the concept would have on archeological resources.

Comments:

Score				
--	-	0	+	++

Community Resources

- Evaluate the effect the concept would have on parks.
- Evaluate the effect the concept would have on schools.
- Evaluate the effect the concept would have on noise levels.

Comments:

Score				
--	-	0	+	++

Resource Agency Support

- Evaluate the support from resource agencies for this concept.
- Evaluate the support from resource groups for this concept.

Comments:

Score				
--	-	0	+	++

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Scoring Criteria				
(- -)	(-)	(0)	(+)	(++)
Fatal Flaw Impact Serious Degradation Unreasonable Strong Opposition	Negative Impact Degradation Opposition	Neutral Not Applicable No Impact	Benefit Improvement Enhancement Support	Substantial Benefit Substantial Improvement Reasonable Strong Support