

Driving Forces Matrix

Driving Forces are the underlying and impacting factors that set the pattern of events and determine outcomes for the corridor. Typically, they are the root causes that underlie the trends and patterns that can be seen or readily discovered through analysis. Driving force identified below are broken into five categories: Economy (with sub-categories based on SIC Codes), Social Trends, Infrastructure and Technology, Political, and Built & Natural Environment.

For each subcategory, the Advisory Committees were asked to determine the likelihood of growth/expansion in that sub-category over the next 20 years; and the impact that growth in that subcategory would have on transportation systems serving the Downeast Coastal Corridor. Additionally, the overall significance of each subcategory on transportation was rated on a scale of 1 to 5 where “1” is highly significant to future transportation systems and “5” is not significant.

Driving forces as described in this document were then used to inform the development of scenarios that address identified problems and opportunities in the corridor and provide problem-solving options.

A Key to reading the following chart: H/W = Hancock and Washington Counties; H = Hancock County; W = Washington County. The significance of overall impact is a combined score between 1 and 5 where 1 is HIGH impact and 5 is LOW impact. A high likelihood of growth and a high degree of impact would yield a score of 1 whereas a low likelihood of growth and a low degree of impact yield a score of 5. These scores vary between the two counties.

Driving Force	Likelihood of Growth			Degree of Impact on Transportation System			Notes	Significance of Overall Impact	
	High	Med	Low	High	Med	Low		Wash.	Hanc.
1 Economy - likelihood of growth by sector	High	Med	Low	High	Med	Low		Wash.	Hanc.
Natural Resource-based Industries		H/W		H/W			Seasonal increases co-incide with tourism.	2	2
Manufacturers		H/W		H/W				2	2
Energy (eg. Electricity generation, LNG)			H/W			H/W		5	5
Wholesale or retail trade	H/W				H/W			2	2
Tourism and arts		H/W		H/W				2	2
Science, technology, education	H/W				H/W			2	2
Health care, social services	H/W				W	H	Growth and impact in service center communities.	3	3
Workforce		H/W			H/W			3	3
Retirees / 2nd homes	W	H			W	H		4	4
2 Social trends - likelihood of growth	High	Med	Low	High	Med	Low		Wash.	Hanc.
Young population			H/W			H/W		5	5
Working age population			H/W			H/W		5	5
Older retirees		H/W			W	H	Increased public transit needs.	3	4

Driving Force	Likelihood of Growth			Degree of Impact on Transportation System			Notes	Significance of Overall Impact	
Pre- and early retirees	H/W				W	H	Increased public transit needs.	3	3

Driving Force	Likelihood of Growth			Degree of Impact on Transportation System			Notes	Significance of Overall Impact	
	High	Med	Low	High	Med	Low		Wash.	Hanc.
3 Infrastructure/technology - likelihood of growth	High	Med	Low	High	Med	Low		Wash.	Hanc.
New state highways			H/W		H/W			5	5
New local roads	H	W		H		W		1	1
Deterioration of eH/Wisting roads	H/W			H/W				1	1
Traffic congestion	H	W		H	W		Need for passing and turning lanes	3	1
Passenger Rail			H/W			H/W		5	5
Freight Rail			H/W		W	H		4	5
Bus / Transit		H/W			H/W		Bus reduce auto use	4	4
Sidewalks and Trails	H/W					H/W	MiH/Wed effects	4	4
Public water and sewer	H	W			H/W			2	2
Three - phase power		H/W				H/W	Freshwater Stone	5	5
Hi-speed internet	H/W				H/W			2	2
Natural gas		H/W				H/W		5	5
4 Built&Natural Environment - likelihood of growth	High	Med	Low	High	Med	Low		Wash.	Hanc.
Residential development		H/W			H/W		Mariaville, Waltham	4	4
Commercial development		H/W			H/W			4	4
Downtown infill/refill increases	H	W			H/W			3	2
Business parks			H/W			H/W		5	5
Land speculation	W			W			Shoreland		
Public lands, protected lands and easements			H/W			H/W	Route 182	5	5
5 Political - likelihood of growth	High	Med	Low	High	Med	Low		Wash.	Hanc.
Reliance on property tax	H/W			H/W			Discourages funding roads	1	1
Use of Zoning	H/W				H/W		MiH/Wed	2	2
School funding challenges	H/W				H/W		Takes funds from other investments	2	2
Other	High	Med	Low	High	Med	Low		Wash.	Hanc.
Access management	H/W			H/W			Important tool	1	1