

VaineDOT

Bridge & Structures Maintenance Division

Bridge Performance Measures

John E. Buxton, P.E. MaineDOT

<u>Structural Bridge Condition</u> (Including minor spans) Measure: Lowest NBI Condition Rating(Deck, Superstructure, Substructure and Culvert)

PRIORITY	Excellent A	Good B	Fair C	Poor D	Unacceptable F
1	9-8	7	6-5	4	<=3
2	9-8	7	6-5	4	<=3
3	9-7	6	5	4	<=3
4	9-7	6	5	4	<=3
5	9-6	5	4	3	<=2
6	9-6	5	4	3	<=2

Bridge Posting Measure: Bridge Load Posting in Place

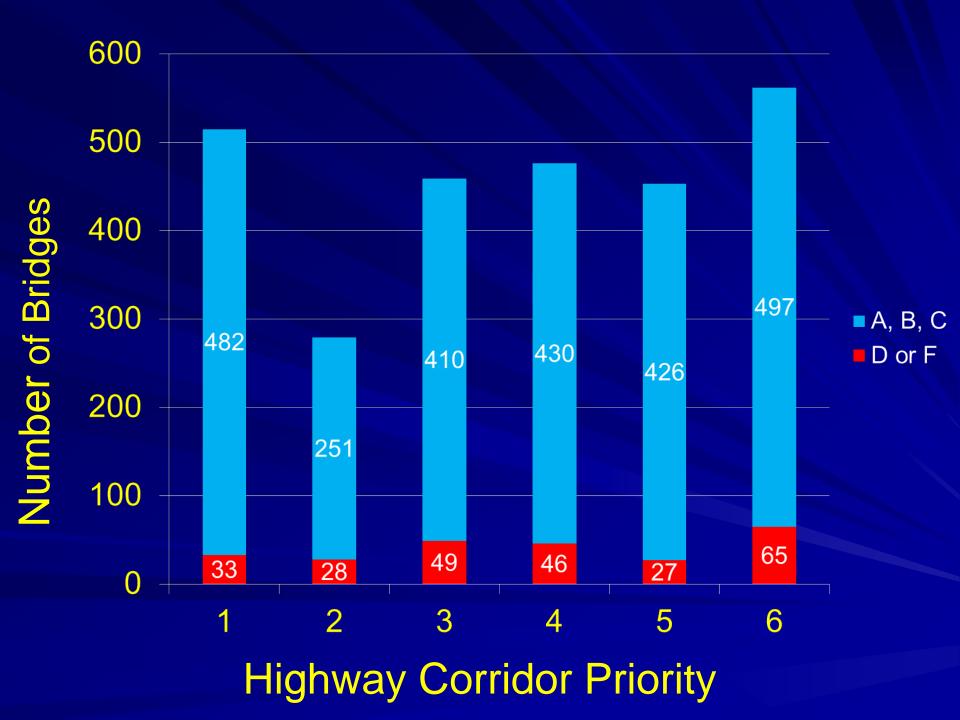
Priority	Excellent A	Good B	Fair C	Poor D	Unacceptable F
1	Open				Any Load Posting
2	Open				Any Load Posting
3	Open		One Truck or Spacing	>=20T	<20T
4	Open	One Truck or Spacing	>=20T	10t-19T	<10T
5 & 6	One Truck or Spacing	>=20T	10T-19T	4T-9T	3T or Closed

Highway Corridor Priority (HCP)

Highway Corridor Priority	Description	Miles	%Miles	%Traffic
1	Interstate Principal Arterials	1,400	7%	40%
2	Non-Interstate High Value Arterials	940	4%	11%
3	Remaining Arterials Significant Major Collectors	2,050	9%	19%
4	Remaining Major Collectors Part of "State Aide"	1,900	8%	10%
5	Minor Collectors Most are "State Aide"	2,500	11%	7%
6	Local Road and Streets	14,300	61%	13%

MaineDOT Bridges

Region	Corridor Priority					Total	
	1	2	3	4	5	6	
1	149	44	93	71	90	114	561
2	100	31	54	140	114	134	573
3	59	105	89	154	82	140	629
4	132	72	128	83	96	111	622
5	76	27	94	24	71	48	340
Total	516	27946%	458	472	453 54%	547	2725



Structurally Deficient Where's Maine

	Number of Bridges %	Number of Bridges % Nationally	Deck Area %	Deck Area % Nationally
Statewide	14.7%	9.6%	8.8%	6.7%
NHS	7.0%	3.9%	4.5%	5.7%