**Stage 1 - Selection of Accelerated Bridge Construction Projects** 

Daily Vehicle Operating Costs - Dependent on Bridge Length

"On Bridge" AADT and HCAADT Only

MnDOT Decision Making Tool (DMT) v9 07/22/2013

Score computed using Bridge Management Data (5 Criteria):

Distribution

Score

<u>Criteria</u>

30% Wt.

16.0%	0	No user costs
16.7%	1	Less than \$4,150
16.9%	2	\$4,150 to \$9,250
16.8%	3	\$9,251 to \$18,100
16.9%	4	\$18,101 to \$44,000
16.7%	5	More than \$44,000
HCAADT x \$0.64/m	nile) x Detou	r Length x Br Length Factor
		20% Wt.
<b>Distribution</b>	<u>Score</u>	<u>Criteria</u>
16.2%	0	Less than 2,400
16.7%	1	2,401 to 6,650
16.9%	2	6,651 to 13,500
16.7%	3	13,501 to 31,000
16.7%	4	31,001 to 75,000
16.9%	5	More than 75,000
ly Traffic (HCA	ADT)	10% Wt.
Distribution	Score	<u>Criteria</u>
16.0%	0	Less than 165
16.7%	1	166 to 485
16.7%	2	486 to 1,085
16.9%	3	1,086 to 1,950
16.7%	4	1,951 to 3,750
16.9%	5	More than 3,750
		30% Wt.
Distribution	Score	<u>Criteria</u>
· · · · · · · · · · · · · · · · · · ·		No Detour
	_	Less than 1 mile
		1-2 miles
		2-7 miles
		7-14 miles
15.9%	5	More than 14 miles
		10% Wt.
		1 1.76 VV I .
Distribution	Score	
Distribution	Score	<u>Criteria</u>
16.0%	0	<u>Criteria</u> Less than 35
16.0% 16.7%	0 1	<u>Criteria</u> Less than 35 36-78
16.0% 16.7% 16.9%	0 1 2	<u>Criteria</u> Less than 35 36-78 79-138
16.0% 16.7%	0 1	<u>Criteria</u> Less than 35 36-78
	16.7% 16.9% 16.8% 16.9% 16.7%  HCAADT x \$0.64/n  Distribution 16.2% 16.7% 16.9% 16.7% 16.9%  Iy Traffic (HCA Distribution 16.0% 16.7% 16.9% 16.7% 16.9% 16.7% 16.9% 16.7% 16.9% 16.7% 16.9% 16.7% 16.9% 16.7% 16.9% 16.7% 16.9%	16.7% 1 16.9% 2 16.8% 3 16.9% 4 16.7% 5  HCAADT x \$0.64/mile) x Detou    Distribution   Score   16.2% 0 16.7% 1 16.9% 2 16.7% 3 16.7% 4 16.9% 5    Ity Traffic (HCAADT)

<sup>\*\*</sup>Scores normalized to 100 point maximum. Bridges with score > 60 selected for Stage 2. \*\*