

Appendix C – NCDOT Quantitative Scoring Criteria & Weights

Roadway Scoring Criteria	Statewide Mobility	Regional Impact	Division Needs
Mobility			
Congestion	30%	20%	15%
Benefit-Cost	25%	20%	15%
Safety	10%	10%	10%
Freight	25%	10%	5%
Economic Competitiveness	10%	-	-
Accessibility/Connectivity	-	10%	5%
Modernization			
Congestion	10%	5%	5%
Safety	35%	35%	35%
Freight	25%	15%	5%
Lane Width/[Paved] Shoulder Width	30%	15%	5%
Total	100%	70%	50%

STI Roadway Criteria, & Weighting

Criteria	Weight
Safety	20%
Accessibility/Connectivity	15%
Demand/Density	10%
Cost Effectiveness	5%
Total	50%

STI Bicycle & Pedestrian Criteria & Weighting

	Statewide Mobility	Regional Impact	Division Needs
Cost Effectiveness	35%	25%	10%
System Opportunities	15%	10%	15%
Safety	30%	15%	10%
Capacity and Diversion	10%	10%	10%
Economic Competitiveness	10%	10%	5%
Total	100%	70%	50%

STI Rail Criteria & Weighting

Public Transportation Project Category	Regional Impact	Division Needs
Mobility		
Impact	15%	10%
Demand/Density	20%	10%
Efficiency	10%	10%
Cost Effectiveness	25%	20%
Demand Response		
Impact	10%	10%
Demand/Density	20%	15%
Efficiency	15%	10%
Cost Effectiveness	25%	15%
Facilities		
Impact	-	15%
Demand/Density	-	10%
Efficiency	-	10%
Cost Effectiveness	-	15%
Total	70%	50%

STI Public Transportation Categories, Subcategories, Criteria & Weighting

Criteria	Statewide Mobility	Regional Impact	Division Needs
NCDOA Project Rating	40%	30%	25%
FAA ACIP Rating	30%	15%	10%
Constructability Index	10%	10%	5%
Benefit/Cost	20%	15%	10%
Total	100%	70%	50%

STI Aviation Criteria & Weighting