



NORTH CAROLINA

Department of Transportation



Division 6: P6.0 Area Specific Criteria Weights

Cape Fear RPO

November 2020

Highway Modernization vs. Mobility

Splitting out Mobility and Modernization Highway specific improvement types (SITs) – as done in P2.0 scoring

Modernization

- Different set of default criteria and weights
- SIT 16 – Modernize Roadway
- SIT 17 – Upgrade Freeway to Interstate Standards

Mobility

- Adding capacity to roadway
- All remaining SITs (1-15, 18-26)
- WG recommended same weights as P5.0 scoring

P6.0 Hwy Criteria & Weights (Modernization Default)

Funding Category	<u>QUANTITATIVE</u>		<u>LOCAL INPUT</u>	
	Data		Division	MPO/RPO
Statewide Mobility	Congestion = 10% Safety = 25% Freight = 25% Lane Width = 10% Shoulder Width = 20% Pavement Condition = 10%	100%	--	--
Regional Impact	Congestion = 5% Safety = 25% Freight = 10% Lane Width = 10% Shoulder Width = 10% Pavement Condition = 10%	70%	15%	15%
Division Needs	Safety = 20% Freight = 5% Lane Width = 5% Shoulder Width = 10% Pavement Condition = 10%	50%	25%	25%

P6.0 Hwy Criteria & Weights

(Modernization – Division 6 Proposed Criteria)

Funding Category	QUANTITATIVE		LOCAL INPUT	
	Data		Division	MPO/RPO
Statewide Mobility	Congestion = 10%	} 100%	--	--
	Safety = 25%			
	Freight = 25%			
	Lane Width = 10%			
	Shoulder Width = 20%			
	Pavement Condition = 10%			
Regional Impact	Congestion = 5%	} 70%	15%	15%
	Safety = 25%			
	Freight = 10%			
	Lane Width = 10%			
	Shoulder Width = 10%			
	Pavement Condition = 10%			
Division Needs	Safety = 20% 25%	} 50%	25%	25%
	Freight = 5% 0%			
	Lane Width = 5%			
	Shoulder Width = 10%			
	Pavement Condition = 10%			



P6.0 Hwy Criteria & Weights (Mobility Default)

Funding Category	<u>QUANTITATIVE</u>		<u>LOCAL INPUT</u>	
	Data		Division	MPO/RPO
Statewide Mobility	Congestion = 30% Benefit-Cost = 25% Safety = 10% Freight = 25% Economic Comp. = 10%	100%	--	--
Regional Impact	Congestion = 20% Benefit-Cost = 20% Safety = 10% Freight = 10% Accessibility/Connectivity = 10%	70%	15%	15%
Division Needs	Congestion = 15% Benefit-Cost = 15% Safety = 10% Freight = 5% Accessibility/Connectivity = 5%	50%	25%	25%

P6.0 Hwy Criteria & Weights

(Mobility – Division 6 Proposed Criteria)

Funding Category	QUANTITATIVE		LOCAL INPUT	
	Data		Division	MPO/RPO
Statewide Mobility	Congestion = 30% Benefit-Cost = 25% Safety = 10% Freight = 25% Economic Comp. = 10%	100%	--	--
Regional Impact	Congestion = 20% Benefit-Cost = 20% Safety = 10% Freight = 10% Accessibility/Connectivity = 10%	70%	15%	15%
Division Needs	Congestion = 15% Benefit-Cost = 15% Safety = 10% 15% Freight = 5% 0% Accessibility/Connectivity = 5%	50%	25%	25%



P6.0 Highway Scoring: Area-Specific Criteria Weights

Available for Regional Impact and Division Needs scoring

Requirements:

1. Unanimous agreement between all MPOs/RPOs/Division Engineers
 - Action required for disagreement
 - Alternate Weights do not rollover from P5.0
 - Within respective Paired Funding Region(s) or Division(s)
2. Memo to SPOT by end of submittal window from each MPO/RPO/Division Engineer – reference TAC Chair(s) agreement