

Project Oversight Committee 7/14/2022 Meeting Summary

Note: Due to coronavirus restrictions, the meeting was conducted as a virtual meeting through Zoom

POC Members: Andrew Ventresca, Stuart Basham, Bjorn Hansen, Dana Stoogenke, Theo Ghitea, Alex Rotenberry, Cami Weckerly, Ashley Landis

CRTPO Staff and Guests: Jennifer Stafford, Brian Elgort, Agustin Rodriguez, Temekia Dae, David Wasserman, Curtis Bridges, Teresa Robinson, Judy Dellert-O'Keef, Neil Burke, Jerrel Leonard

Agenda Item	Purpose	Summary/ Decisions	Person Responsible	Follow-Up / Result
Welcome		Welcomed POC members and verified attendees from their Zoom logins	Andrew Ventresca	None
West Branch Greenway (Davidson)	Davidson has a shortfall on PE on their West Branch Greenway project.	<ul style="list-style-type: none"> • First accepted by CRTPO as a planning project • Later revised to a capital project • Now a shortfall in the PE phase <ul style="list-style-type: none"> i. For the fall call should Davidson submit for a shortfall or a new project 	Jennifer Stafford	CRTPO to gather additional information from Davidson and continue discussions on July 28.
2022 Fall Call Funding Availability	Discussion funding strategies for the 2022 fall call and beyond	Limited discussion due to conflict of funding availability amount.	Jennifer Stafford	STIP unit will send revised funding availability and discussion to resume on July 28.

Agenda Item	Purpose	Summary/ Decisions	Person Responsible	Follow-Up / Result
TAP Criteria Scoring Review	Review bike/ped scoring method to reduce tie scores	CRTPO staff has conducted a statistical review of TAP criteria scores over the past eight years of funding distributions between CRTPO and its member jurisdictions to analyze potential clustering issues. Brian Elgort presented recommendations based on this statistical analysis. (The presentation is attached)	Brian Elgort	Implement scaling recommendations.
Upcoming Issues	Reminders and notices	Next POC meeting July 28, 2022	Andrew Ventresca	
Adjourn				



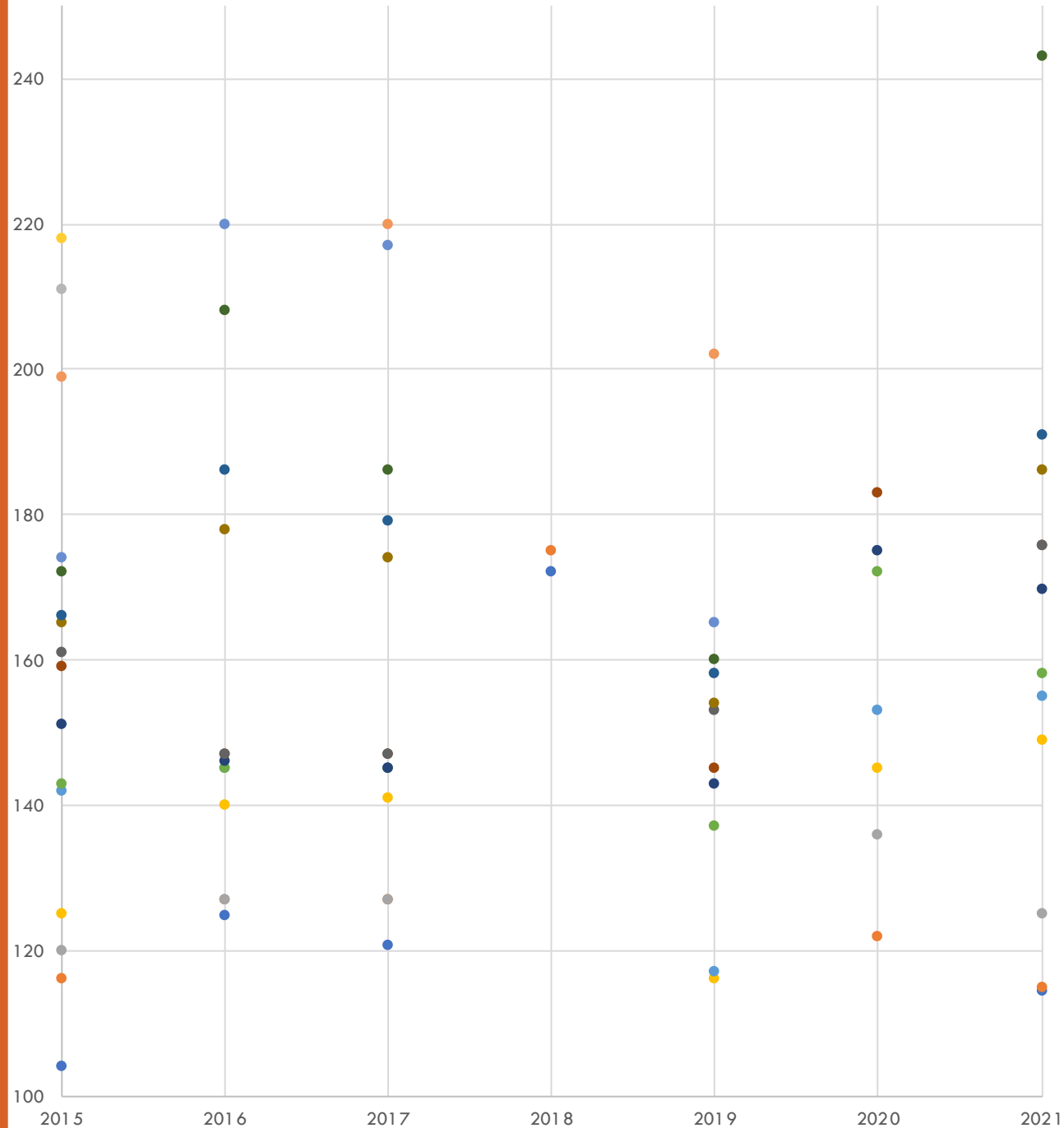
TAP SCORING CRITERIA STATISTICAL ANALYSIS

BRIAN ELGORT
POC
JULY 14, 2022



THE TASK AT HAND

- Review the statistical distribution of TAP criteria scores
- Past **8** years of funding distributions
- Prompted by tied scores for two projects from the 2021 Fall Call
- Goal: any recommendations made should **not** alter the scoring guidelines.

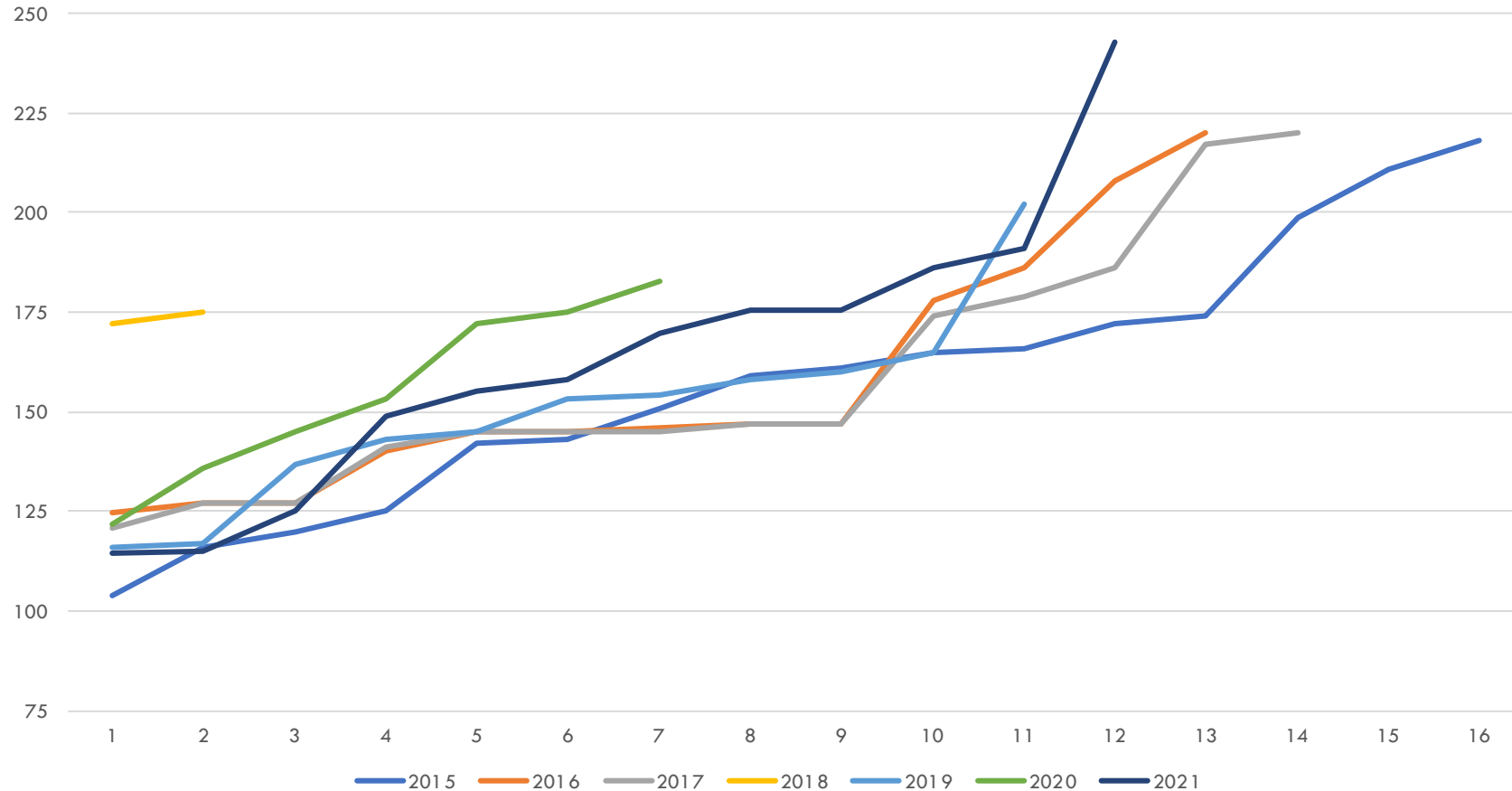


REVIEWING CLUSTER DATA

Started by compiling scores for all Fall Call projects from 2015 – 2021.

Validated scoring against appropriate criteria guidelines.

Looked for patterns or anomalies – no alarming issues.





	TOTAL TRIP GENERATION & CONNECTIVITY POINTS	
	Raw Score	Scaled Score
I-277 Rail Trail Pedestrian Bridge	60.00	63.64
Iredell-Mecklenburg Bike-Ped Connector Greenway	51.75	54.89
Beaty Street Main Street Multi-Use Path	65.75	69.73
Grey Rd Multi-Use Path	44.50	47.20
Moore - Marglyn Sidewalk	40.00	42.42
Irwin Creek Greenway	66.00	70.00
Bartlett Rd, Brief Rd and Fairview Rd Sidewalk	27.00	28.64
Lawyers Rd and Thomson Rd Sidewalk	43.00	45.61
Lebanon Rd and Margaret Wallace Rd Sidewalk	38.00	40.30
Mooresville Sidewalk Package	56.00	59.39
South Elementary School to Mooresville Middle School Greenway Connectors	47.75	50.64
Howie Mine Rd Sidewalk	58.00	61.52

METHODOLOGY

Goal: Reward the highest-scoring projects and compare all other projects against them.

The project(s) with the highest raw measure value receives the maximum possible scaled value.

All other project(s) are scaled against those project(s).

Multiple raw measure values of the same value obtain the same scaled score.

Each category is scaled **independently**.

We considered other methodologies – this is the least disruptive one.

charlotte regional transportation planning organization

	TOTAL TRIP GENERATION & CONNECTIVITY POINTS		TOTAL SAFETY POINTS		TOTAL HEALTH & ENVIRONMENT POINTS		TOTAL FEASIBILITY & COST POINTS		TOTAL COMBINED SCORE		FINAL RANK	
	Raw Score	Scaled Score	Raw Score	Scaled Score	Raw Score	Scaled Score	Raw Score	Scaled Score	Raw Totals	Scaled Totals	Raw Rank	Scaled Rank
I-277 Rail Trail Pedestrian Bridge	60.00	63.64	55.00	55.00	33.00	33.00	95.00	120.00	243.00	271.64	1.00	1.00
Iredell-Mecklenburg Bike-Ped Connector Greenway	51.75	54.89	40.00	40.00	28.00	28.00	50.00	63.16	169.75	186.04	6.00	6.00
Beaty Street Main Street Multi-Use Path	65.75	69.73	35.00	35.00	20.00	20.00	55.00	69.47	175.75	194.21	4.00	5.00
Grey Rd Multi-Use Path	44.50	47.20	25.00	25.00	5.00	5.00	40.00	50.53	114.50	127.72	12.00	12.00
Moore - Marglyn Sidewalk	40.00	42.42	15.00	15.00	5.00	5.00	65.00	82.11	125.00	144.53	10.00	10.00
Irwin Creek Greenway	66.00	70.00	40.00	40.00	45.00	45.00	40.00	50.53	191.00	205.53	2.00	3.00
Bartlett Rd, Brief Rd and Fairview Rd Sidewalk	27.00	28.64	30.00	30.00	22.00	22.00	70.00	88.42	149.00	169.06	8.00	8.00
Lawyers Rd and Thomson Rd Sidewalk	43.00	45.61	20.00	20.00	7.00	7.00	45.00	56.84	115.00	129.45	11.00	11.00
Lebanon Rd and Margaret Wallace Rd Sidewalk	38.00	40.30	20.00	20.00	30.00	30.00	60.00	75.79	148.00	166.09	9.00	9.00
Mooresville Sidewalk Package	56.00	59.39	25.00	25.00	20.00	20.00	85.00	107.37	186.00	211.76	3.00	2.00
South Elementary School to Mooresville Middle School Greenway Connectors	47.75	50.64	25.00	25.00	18.00	18.00	85.00	107.37	175.75	201.01	4.00	4.00
Howie Mine Rd Sidewalk	58.00	61.52	25.00	25.00	7.00	7.00	65.00	82.11	155.00	175.62	7.00	7.00

*Note: If any project scores the maximum possible points for a given category, no scaling will occur.



SCALING IMPACT ON FINAL PROJECT RANKINGS

Created separation between the two tied projects.

The 2nd and 3rd ranked projects would have swapped places, but, ultimately, the projects that were funded would still have been funded.

TOTAL COMBINED SCORE		FINAL RANK	
Raw Totals	Scaled Totals	Raw Rank	Scaled Rank
243.00	271.64	1.00	1.00
169.75	186.04	6.00	6.00
175.75	194.21	4.00	5.00
114.50	127.72	12.00	12.00
125.00	144.53	10.00	10.00
191.00	205.53	2.00	3.00
149.00	169.06	8.00	8.00
115.00	129.45	11.00	11.00
148.00	166.09	9.00	9.00
186.00	211.76	3.00	2.00
175.75	201.01	4.00	4.00
155.00	175.62	7.00	7.00



Thank you for your time. Any questions?