

Prioritizing your Transportation Improvement Program

VANCOUVER
CITY HALL

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Presentation Overview

- City of Vancouver (COV) overview
- Why COV prioritized our Transportation Improvement Program
- Transportation policy priorities/weighting
- Scoring factors/weighting
- Results
- Key takeaways
- Next steps

City of Vancouver Overview

- Population about 200,000
- Oldest city in Washington
 - * settled in 1825, incorporated 1857, (statehood 1889)
- Infrastructure -
 - Streets – 1,900 lane miles
 - Sewer- 773 miles (est. 1890)
 - Water -1,051 miles
 - Surface Water – 609 miles
 - Streetlights -17,500
 - Traffic Signals - 240



Why Prioritize TIP

- Historically grant funded was priority
- New money (see website):
www.cityofvancouver.us/betterstreets
- New Council policies (safety, equity, climate action)
- Council requested
- Help prioritize/justify expenditures
- Pilot to test ideas and due to upcoming Trans. Sys. Plan (TSP)



Policy Priorities/Weighting

- Safety (max 18 points)
- Social equity (max 15 points)
- Active transportation (max 14 points)
- Climate/environment (max 13 points)
- Asset management (max 11 points)
- Congestion management (max 10 points)
- Economic development (max 10 points)
- Project Viability (max 9 points)



Scoring Factors/Weighting

- Safety

	B	C	D	E	F	G	H
1			Project ID:				
2			Project Name:				
3			Name of Scorer:				
4			TIP Project Prioritization Score		#N/A		
5					Answers	Section Score	
6			1: Safety (18 Possible Points)			#N/A	
7			If this is a new infrastructure, will the project meet or exceed industry best practices with regard to safety of all modes and engineering				
8							
9			2018 TSSA Road Segment Ranking appendix C (Sum of the 4 Density Score columns, then max for the project area)				
10			2018 TSSA Intersection Appendix B Crash Frequency (Max for the project area)				
11							
12			2018 TSSA Road Segment Ranking Appendix C (Sum of Undivided Road Score and Speed Limit Score)				
13			2018 TSSA Intersection Appendix B Severity (Sum of Fatal and serious crash and Bicycle and pedestrian crash columns)				
14							
15			Does the project include appropriate countermeasures for the crash incidents in the project area? See appendix D of TSSA				
16							

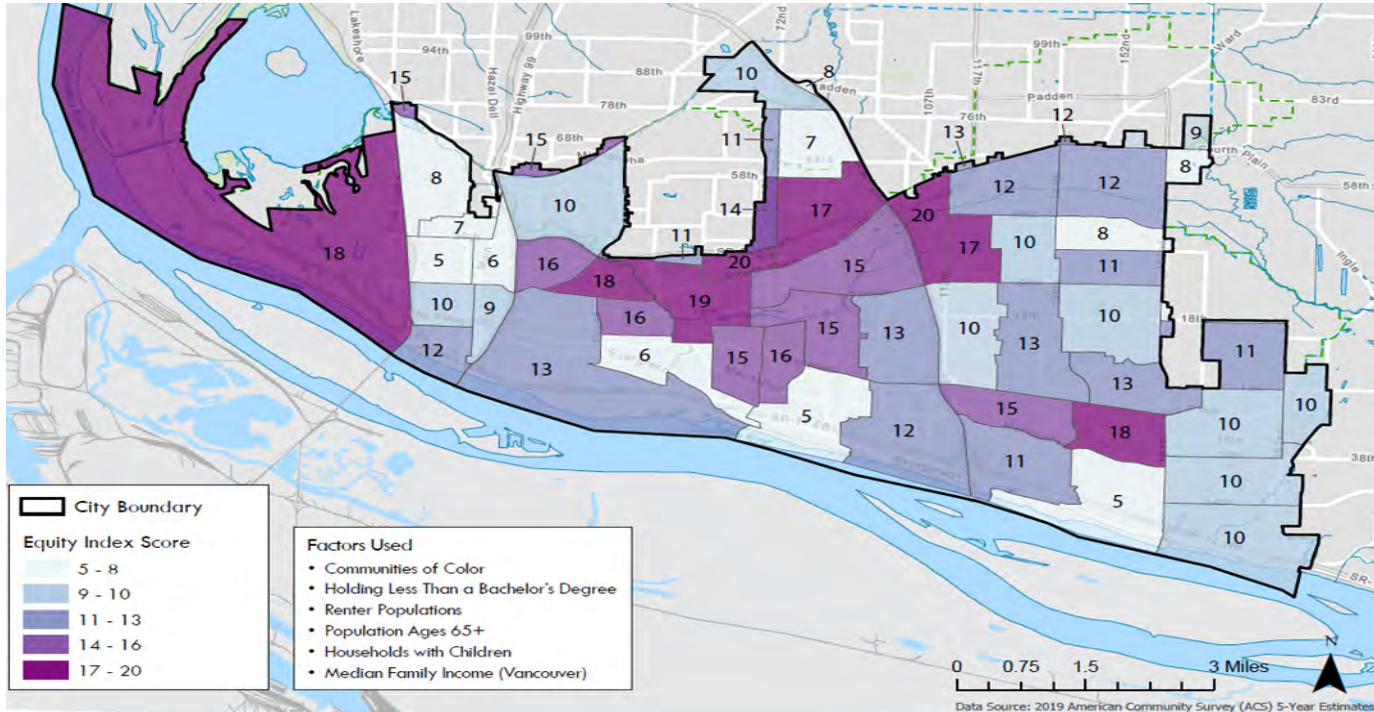
Scoring Factors/Weighting cont.

2: Social Equity (15 Possible Points)

What score did the project area receive in the economic vulnerability assessment? Max of 20 and Minimum of 6. Under 6 gets zero points.



- Social equity



Prioritizing you TIP - 7

Scoring Factors/Weighting cont.

3: Active Transportation (14 Possible Points)

Does this project improve multimodal connectivity?

Does this project complete missing sections of existing bike, sidewalk, or trail infrastructure? (0-100 If, 100-500 If, +500 If)

Does this project improving existing sidewalks, bike or pedestrian trails?

Does this project provide new sidewalks or bike/pedestrian trail routes that are part of a designated plan? (0-100 If, 100-500 If, +500 If)

No	0
1-100 If	1
No	0
1-100 If	1

2

- Active Transportation



Scoring Factors/Weighting cont.

4: Climate and the Environment (13 Possible Points)

Does the project have a NEPA/SEPA requirement for an Environmental Assessment or Environmental Impact Statement?

Does the Endangered Species Act require a consultation?

Is monitoring, mitigation or a memorandum of agreement needed for cultural resources?

Is there a greater than 0.1 acre impact to wetlands, habitat, or aquatic resources?

Will mitigation be needed?



13

No

3

No

2

No

2

No

3

No

3

- Climate/
Environment

Scoring Factors/Weighting cont.

5: Taking Care of What We Have (11 Possible Points)

If this is a new infrastructure, will the project meet or exceed industry best practices with regard to engineering design?

Yes

6

6

Does the project address failing infrastructure or assets in need of repair?

No

If so, what % of pavement issues in the project area are being addressed?

<25%

1

If so, what % of non-pavement infrastructure repair issues in the project area are being addressed?

<25%

1

- Asset Management



Scoring Factors/Weighting cont.

6: Congestion Management (10 Possible Points)

Does the project reduce congestion from concurrency demand improvements? (For example road widening or reduced signal delay)

Does the project reduce congestion through demand management? (For example rideshare, transit, or travel alerts)

Does the project improve designed freight routes?

Yes
No
Yes

6

4

0

2

- Congestion Management



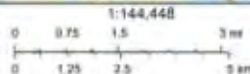
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Manufacturing and warehousing land use (2002 parcel data)

T-5 corridors

T-4 corridors

T-3 corridors



Scoring Factors/Weighting cont.

7: Economic Development (10 Possible Points)

Is the project within or adjacent to an Adopted Sub Area Plan?

<.25mi

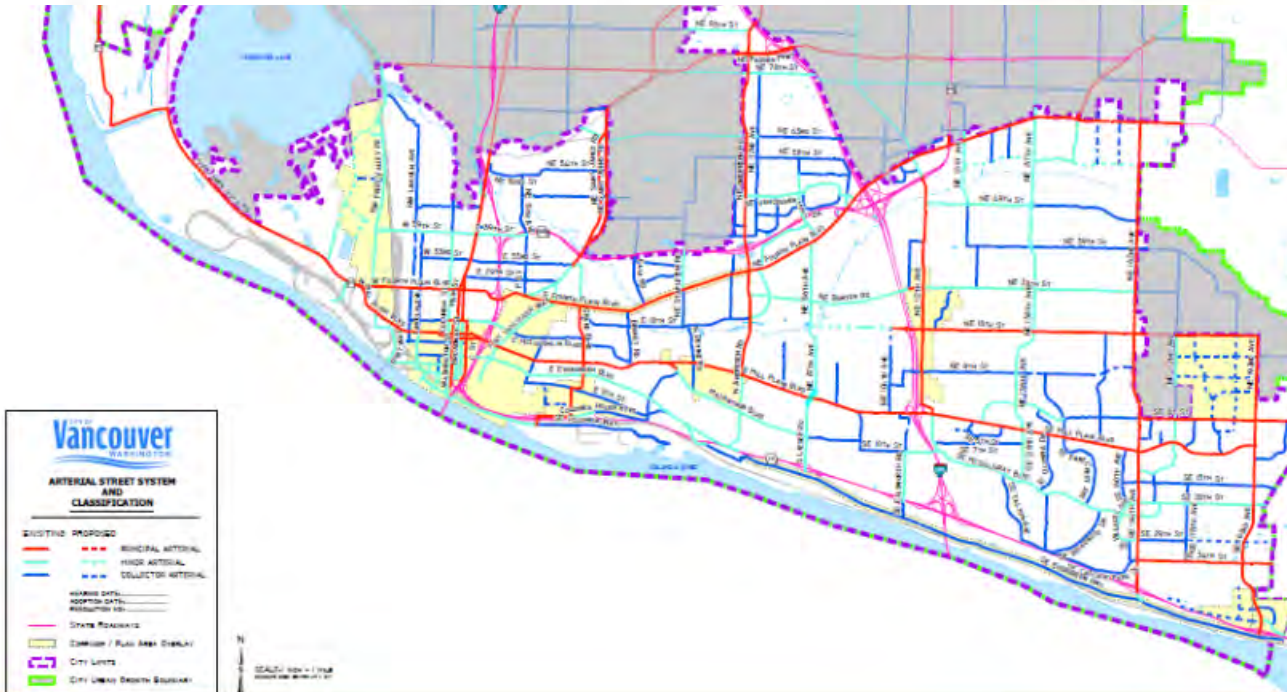
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4

Is the project on an designated arterial corridor?

Yes

4



- Economic Development

Scoring Factors/Weighting cont.

8: Project Viability (9 Possible Points)

What is the level of existing or expected grant funding for the project?

Have resources and money been committed to this project? (e.g. Right of way acquisition, design, etc.)

Does the project support another agency's project?

	2
None	0
Yes	2
No	0



- Project Viability

Scoring Results

Arterial Improvements			Active Transportation			Signal and Lighting Improvements		
Proj ID	Project Name	SCORES	Proj ID	Project Name	SCORES	Proj ID	Project Name	SCORES
TRANS-268	SE 1st St - SE 164th Ave to SE 177th Ave	73	TRANS-854	Transportation System Plan Update	66	TRANS-877	Mill Plain Arrival on Green - 1-205 to SE 164th Ave	50
TRANS-870	SE 1st St - SE 177th Ave to SE 192nd Ave	70	TRANS-904	Columbia St - Columbia House Blvd. to 45th St.	65	TRANS-906	NE Andresen Rd. and NE Fourth Plain Blvd. Intersection Improvements	48
TRANS-531	Jefferson St - W. Evergreen to W. Mill Plain Blvd.	68	TRANS-871	N. Devine Sidewalks	62	TRANS-865	Columbia St. & W. 13th St Intersection Improvement	40
TRANS-898	NE 115th Ave. - NE 16th St. to NE 18th St.	60	TRANS-874	E. 5th St. Improvements (FLAP)	61	TRANS-851	NE 192nd Ave and NE 13th St Intersection Improvements	39
TRANS-275	NE 137th Ave - NE 49th St to NE Fourth Plain Blvd.	59	TRANS-899	NE Fourth Plain Blvd - Enhanced Ped X-ing	61	TRANS-879	Columbia House Blvd. & Grove St. Signal Upgrade	37
TRANS-444	NE 18th St - NE 142nd Ave to NE 162nd Ave	56	TRANS-878	NE 68th St. Sidewalk	59	TRANS-908	SE Mill Plain - Aerial Fiber Removal	37
TRANS-527	NE 18th St - NE 97th Ave to NE 107th Ave.	55	TRANS-900	NE Fourth Plain Blvd and Stapleton Rd Improvements	57	TRANS-888	SE 192nd Ave. and SR 14 Interchange	32
			TRANS-451	Destination Downtown TDM	54	TRANS-724	Hearthwood and SE 1st St	28
			TRANS-850	NW Neighborhood Connectivity	53			
			TRANS-740	Evergreen Highway Pathway - Chelsea to Image	51			
			TRANS-843	Evergreen Highway Pathway - Weber Arboreteum to 100th Ct	51			
			TRANS-889	NE 18th St and N Devine Rd ADA	49			

Key Takeaways

- Try to reduce double counting as much as possible
- Similar buckets
- More outreach
- Better education
- Constant refinement/improvement

Next Steps

- More outreach
- Refinement of criteria/scoring
- Include all projects in the TIP
- Use City staff and non-city scorers
- Next TIP update by June, 2023

Questions and Discussion

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