

Parkway Paving Evaluation

Board of Estimate and Taxation

November 29, 2017



20 Year Streets Funding Plan

Topics

- ▶ Background
- ▶ Evaluation
- ▶ Results
- ▶ Recommendation



Background



20 Year Streets Funding Plan

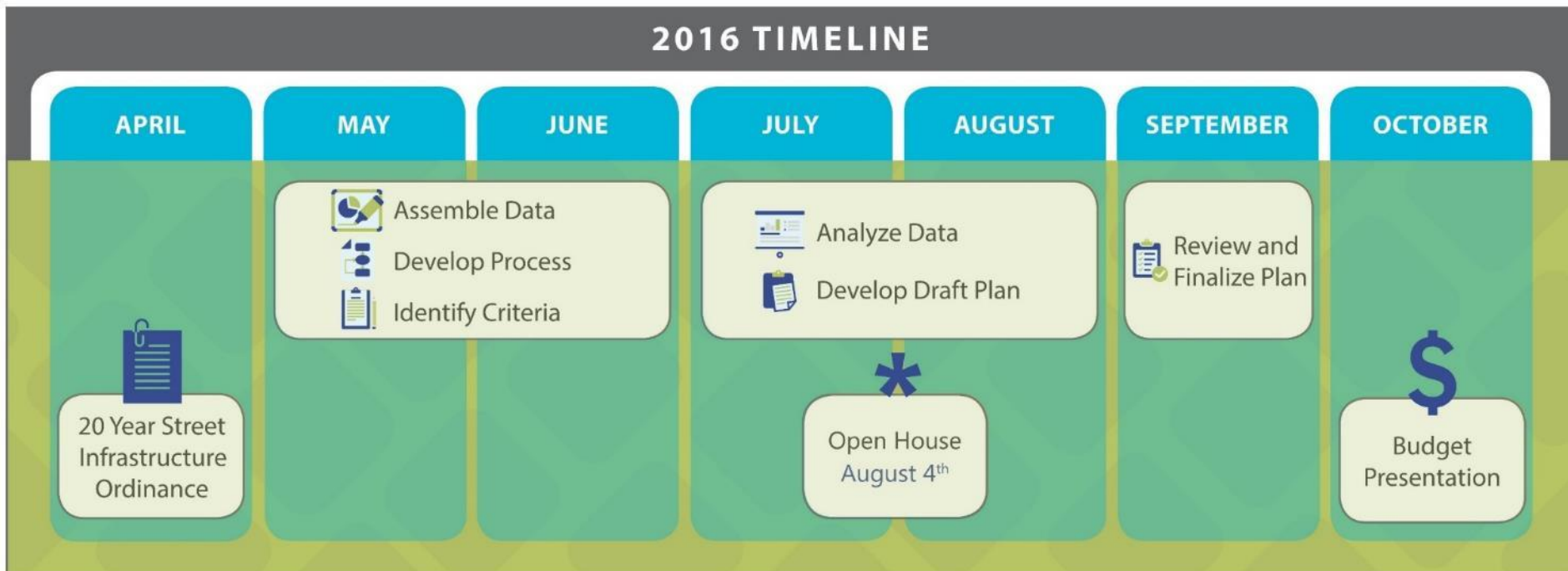
20 Year Parks and Streets Funding Ordinance

- ▶ Close the funding gap in the maintenance and investment in neighborhood parks and city streets
- ▶ Enacted by Minneapolis City Council on April 29, 2016
- ▶ Beginning in 2017, provide a guaranteed minimum annual amount of funding for street capital projects
 - ❑ 20-year plan
 - ❑ +\$21.2 million capital annually
 - ❑ +\$800,000 maintenance annually
 - ❑ Adjusted annually for inflation



Direction in the Ordinance

- ▶ Ordinance specifies use of a criteria-based system
 - Focus on racial and economic equity
- ▶ Goal to maintain network average PCI of 70



Evaluation



20 Year Streets Funding Plan

Process Updates

- ▶ Integrate Parkway System into City's criteria-based process
- ▶ Develop scoring for the 55 mile parkway system



Assumptions

- ▶ Utilize existing criteria-based system
- ▶ Update parkway pavement work history
- ▶ Incorporate parkway specific maintenance and paving unit costs
- ▶ Does not assume additional Park Board funding or State bonds



Goals

- ▶ Inform potential changes to City's paving budgets and align with the 20-Year Streets Funding Plan.
- ▶ Generate technical analysis to understand long-term asset management strategies and impacts on overall pavement condition citywide.

Scenarios

- 1) **Maintain Current Funding Levels:** Estimate projected PCI of parkway system assuming current funding (\$750k).
- 2) **Achieve Parkway PCI Goal of 70:** Identify total funding needs to maintain average system PCI goal of 70.
- 3) **Evaluate Parkways with all City Streets:** Estimate funding allocations for all CIP paving projects, assuming no increases to current funding levels.

Results



20 Year Streets Funding Plan

Results

- ▶ Current funding results in small long-term decrease in parkway PCI
- ▶ Modest funding increase needed to maintain PCI of 70 for parkways
- ▶ Additional investment in parkway has limited impact on citywide PCI

Street Type	Existing PCI ¹		Projected PCI ²	
	City Streets	Parkways	City Streets	Parkways
Scenario 1: Maintain Budget	69	70	70	66
Scenario 2: PCI Goal			69	70
Scenario 3: Citywide Review			69	70

1 – Estimated PCI after the completion of the construction 2016 season

2 – Calculated PCI assuming completion of all recommended projects from the 20-Year Street Funding Plan
(Does not reflect CIP recommendations.)

Recommendation



20 Year Streets Funding Plan

Recommendation

- ▶ Balance citywide paving funding needs with goal of maintaining citywide PCI of 70
- ▶ Increase budget flexibility to support additional parkway investments
- ▶ \$100,000 increase in annual Asphalt Resurfacing Program (PV056) budget starting in 2019